



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|------------------|--------------------------------------|--|---|--|---|---|--|---|--|--|--|---|
| The City University of New York, Center for Puerto Rican Studies | Academic Institu | 08/19/20 | Title: GISEmpower. GISEmpower seeks to facilitate a community engagement process using geographic information science and technology to effectively develop bottom-up, data-driven analysis to increase disaster preparedness and resilience. Puerto Rico, a U.S. territory suffering the compounded effects of multiple disasters over the last five years, has revealed serious vulnerabilities in preparedness planning, institutional response capacity and coordination, resource management at various levels of implementation, data availability, and the lack of suitable and accessible mechanisms to support adequate local community engagement. GISEmpower's civic engagement partners include several nonprofit organizations with whom Centro has ongoing collaborations and the Liga de Ciudades, which coordinates recovery planning and reconstruction with local elected officials. | Puerto Rico: island wide impact | \$1,666,666 | Not defined yet | Center for Puerto Rican Studies, Hunter College, City University of New York. | \$1,666,666, subject to the availability of other funding, as described in column F. | 3.4 million acres (all of Puerto Rico) | 18.4538 | -66.0693 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area, and in particular the advent of business interruptions among SMEs due to, among others, coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, lightning, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. We expect several overarching impacts: First, GISEmpower will produce a roadmap for how GIS technology and community organizations' engagement in Whole Community Processes and evidence-based risk assessment to create a community action plan to improve natural disaster preparedness, recovery, and resilience-building in communities. Second, this project will contribute to capacity building through training and sensitizing about the importance of partnerships between researchers, local community-development professionals, elected officials and communities. Finally, this project will foster the development and diffusion of the use of GIS technology for community visioning, engagement and planning and the use of these innovations across all communities participating in GISEmpower. |
| The City University of New York, Center for Puerto Rican Studies | Academic Institu | 08/19/20 | Title: Post-Disaster Planning for Economic Recovery for Puerto Rico. The main goal of this project is to develop an interdisciplinary competency-based framework for the training of professionals involved with the implementation and articulation of programs for Puerto Rico's economic recovery. Based on this framework, we develop a sequence of competency-based modules to train nonprofit and municipal professional staff. Core topics include mitigation, whole community planning, federal funding (with an emphasis in CDBG-DR and CDBG-MIT), partnership structuring, legal context for public properties, and project implementation and compliance. | Puerto Rico: island wide impact | \$1,080,000.00 | Not defined yet | Center for Puerto Rican Studies, Hunter College, City University of New York. | \$1,080,000, subject to the availability of other funding, as described in column F. | 3.4 million acres (all of Puerto Rico) | 18.4538 | -66.0693 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area, and in particular the advent of business interruptions among SMEs due to, among others, coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, lightning, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. Professional staff and community leaders who are facing a new and challenging context (e.g., the advent of CDBG-DR and mitigation funding) will gain a deeper understanding of the environment in which municipal and community programs currently operate. The proposed training and capacity building components of the project are specific to the needs of community and municipal planning and community development staff; professionals who are involved in the management of various related recovery programs. |
| The City University of New York, Center for Puerto Rican Studies | Academic Institu | 08/19/20 | Title: Puerto Rico Community Mitigation Initiative. This project seeks to improve community planning and capacity building efforts in Puerto Rico through municipal, nonprofit and entrepreneurial partnerships. Specifically, this project will use the ReBuildPR digital platform for enhancing the design and implementation of mitigation projects, training staff on project development (capacity building), and promoting cooperation among these municipalities. This project seeks to move local collaborations toward research-supported, proactive investment in community resilience, and shared funding mechanisms, and/or project design. Professional staff training will use case studies of effective mitigation projects across the nation that have been implemented at the local government level. | Puerto Rico: island wide impact | \$1,666,666 | Not defined yet | Center for Puerto Rican Studies, Hunter College, City University of New York. | \$1,666,666, subject to the availability of other funding, as described in column F. | 3.4 million acres (all of Puerto Rico) | 18.4538 | -66.0693 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area, and in particular the advent of business interruptions among SMEs due to, among others, coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, lightning, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. Demonstrated need: Unlike in the US mainland, weak mitigation planning practices require capacity building in this area. Few civic and municipal organizations provide the mechanisms for systemic learning about environmental changes affecting local communities. Furthermore, the scant number of intersectoral alliances and leading development intermediaries constitute a significant challenge for the island's incipient community development industry. Community planning and capacity building efforts led by the Center for Puerto Rican Studies at CUNY-Hunter College, in collaboration with IdeaComún and their network of local NGOs and municipalities will provide the research expertise to support the design and implementation of community-led mitigation initiatives. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | ACQUISITION AND INSTALLATION OF A BACKUP IT SERVER | | \$3,604,293.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | ACQUISITION OF A MOBILE BUS AMBULANCE | | \$620,425.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | ACQUISITION OF A MOBILE STERILIZATION UNIT | | \$565,602.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | ACQUISITION OF BACKUP OXYGEN GENERATORS | | \$3,893,854.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |



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| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONNECTION TO AN ALTERNATE UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM | | \$7,500,000.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONSTRUCTION OF A GENERAL HOSPITAL IN PUERTO RICO TO CONSOLIDATE THE ADULT UNIVERSITY HOSPITAL, THE PEDIATRIC UNIVERSITY HOSPITAL, THE TRAUMA CENTER AND THE CENTRALIZED SERVICES OF THE ASEM, SUCH AS: EMERGENCY ROOM, OPERATING ROOMS, IMAGE CENTER, AND LABORATORY, AMONG OTHERS. THIS ALL-HAZARD APPROACH DESIGN FOR 400-700 PATIENT BEDS WILL NOT ONLY CONSIDER COMPLIANCE WITH CURRENT CODES AND INDUSTRY STANDARDS, BUT ALSO AN ALL-HAZARD APPROACH FOR A MORE RESILIENT AND SAFER OPERATION TO GUARANTEE THE CONTINUITY OF SERVICES EVEN DURING AND AFTER AN EMERGENCY EVENT. | | \$1,500,000,000.00 | | | | | | | | This is one of the locations severely affected by Hurricane Maria which continues to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose the enhancement a retention area as a flood prevention and protection measure. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONSTRUCTION OF A BACKUP RAMP FOR PATIENT TRANSPORT FROM THE ROOF HELIPAD TO CLINICAL AREAS | | \$1,000,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONSTRUCTION OF A FUEL TANK FOR SERVICE VEHICLES, I.E., CLEAN AND SOILED LINEN, PATIENT DIET, AND SECURITY CARS | | \$2,000,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONSTRUCTION OF A TRAUMA SHELTER | | \$1,500,000.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONSTRUCTION OF AN ADMINISTRATION SHELTER AND COMMAND CENTER FOR EMERGENCIES | | \$2,188,150.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONVERT EXISTING STEAM BASED HEAT SOURCE TO A GAS BASED SOURCE TO GUARANTEE CONTINUITY OF SERVICES | | \$1,000,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | CONVERT THE HEALTH HOUSE BUILDING INTO A CONSOLIDATED ADMINISTRATIVE SERVICES BUILDING | | \$7,500,000.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | FREEZER AND REFRIGERATOR CONSTRUCTION TO INCREASE FOOD STORAGE CAPACITY | | \$154,995.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | IMPROVEMENTS TO MAIN GENERATORS SYSTEM2 | | \$4,272,000.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | IMPROVEMENTS TO THE HVAC SYSTEM FOR INFECTION CONTROL AND THE EXECUTION OF THE MOLD REMEDIATION PLAN | | \$20,000,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |



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| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | IMPROVEMENTS TO THE RAINWATER DRAINAGE SYSTEM TO AVOID FLOODING | | \$250,000.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | INSTALLATION OF A BATTERY BACKUP SYSTEM TO EXTEND ENERGY SUPPLY TO OPERATION ROOMS IN A POTENTIAL SIMULTANEOUS OCCURRENCE OF A GENERAL BLACKOUT AND A GENERATOR FAILURE | | \$350,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | INSTALLATION OF A NEW WATER TANK TO INCREASE STORAGE CAPABILITIES | | \$1,009,595.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | INSTALLATION OF AN AUTOMATED SPRINKLER SYSTEM | | \$1,000,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | INSTALLATION OF AN AUTOMATIC FUEL DISTRIBUTION SYSTEM FOR LOCAL GENERATORS | | \$150,000.00 | | | | | | | | FEMA Projects MIT 404 - PROJECTS WERE APPROVED BY FEMA FOR THE GRANT PROGRAM (100%) FOR MITIGATION (404) OF DAMAGES RELATED TO HURRICANE MARIA. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | REINFORCE CENTRAL BUILDING (ER & TRAUMA CENTER) FOR SEISMIC EVENTS | | \$15,000,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Servicios Médicos (ASEM) | Agency | 07/08/20 | REPAIRS AND MAINTENANCE OF ALL SWITCHING UNITS TO GUARANTEE THE STABILITY OF THE ENERGY DISTRIBUTION SYSTEM | | \$578,000.00 | | | | | | | | FEMA Projects MIT 404 - SUBMITTED PROJECTS THAT WERE NOT APPROVED, THEREFORE, WE DO NOT HAVE THE FUNDS TO CARRY THEM OUT. AMOUNT ASSIGNED RELATED TO FEMA DAMAGE REPORT TO IMPROVE EXISTING ELECTRICAL GENERATORS SYSTEM; NONETHELESS, BECAUSE A LOAD INCREASE IS REQUIRED A PROJECT TO INSTALL NEW GENERATORS WITH MORE POWER IS NEEDED. IN ORDER TO ACCOMPLISH THIS, AN AMOUNT OF \$10,000,000 SHALL BE IDENTIFIED. |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juan Ponce de León (RQ 1001) Ponce | \$4,868,600.00 | \$- | N/A | \$4,868,600.00 | 5.08 | 18.00775 | -66.62334 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santiago Iglesias (RQ 1002) Calle Guadalupe, Esq. Peñarol Ponce | \$2,090,660.00 | \$- | N/A | \$2,090,660.00 | 2.18 | 18.01504 | -66.622365 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Caribe (RQ 1003) Ponce Playa Ponce | \$3,444,276.00 | \$- | N/A | \$3,444,276.00 | 3.59 | 17.985193 | -66.620533 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|--|
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Hogares del Portugués (RQ 1004) Calle Comercio Frente a Hollywood Dry Cleaner Ponce | \$1,339,558.00 | \$- | N/A | \$1,339,558.00 | 1.4 | 18.01007 | -66.607626 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Dr. Manuel de la Pila Iglesias (RQ 1008) Calle Alcázar al norte, Carr. #14 al sur Urb. Alhambra al oeste y Urb. La Rumbia al este Ponce | \$6,314,902.00 | \$- | N/A | \$6,314,902.00 | 6.59 | 18.019512 | -66.60369 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Pedro J. Rosaly (RQ 1009) Ave. Roosevelt Frente al Colegio San Conrado Ponce | \$2,212,386.00 | \$- | N/A | \$2,212,386.00 | 2.31 | 18.008101 | -66.623182 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Dr. Jose N. Gándara (RQ 1010) Boulevard Miguel Pou Al lado del Centro Sur Ponce | \$2,950,728.00 | \$- | N/A | \$2,950,728.00 | 3.08 | 18.011603 | -66.604517 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Aristides Chavier (RQ 1014) Ave. Roosevelt Final, Bo. Canas Ponce | \$8,454,600.00 | \$- | N/A | \$8,454,600.00 | 8.82 | 18.008798 | -66.631537 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | 1era Ext. Dr. Manuel de la Pila Iglesias (RQ 1015) Calle Alcázar al norte, Carr. #14 al sur Urb. Alhambra al oeste y Urb. La Rambia al este Ponce | \$1,157,772.00 | \$- | N/A | \$1,157,772.00 | 1.21 | 18.019512 | -66.60369 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Dr. Rafael López Nussa (RQ 1016) Ponce | \$7,218,200.00 | \$- | N/A | \$7,218,200.00 | 7.53 | 17.99801 | -66.6091 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Dr. Ernesto Ramos Antonini (RQ 1017) Ave. 65 de Infantería Ponce | \$3,509,462.00 | \$- | N/A | \$3,509,462.00 | 3.66 | 17.994471 | -66.630551 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Fray Bartolomé de las Casas (RQ 2001) Ave. Borinquen San Juan | \$4,051,916.00 | \$- | N/A | \$4,051,916.00 | 4.23 | 18.437223 | -66.044009 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Antonio (RQ 2002) Sector Puerto de Tierra San Juan | \$977,834.00 | \$- | N/A | \$977,834.00 | 1.02 | 18.463332 | -66.095187 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Agustín (RQ 2004) Calle San Agustín Puerta de Tierra San Juan | \$604,230.00 | \$- | N/A | \$604,230.00 | 0.63 | 18.464292 | -66.097917 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa España (RQ 2012) Urb. Las Lomas, entrando por la Calle # 6 San Juan | \$4,660,480.00 | \$- | N/A | \$4,660,480.00 | 4.86 | 18.395783 | -66.099098 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Margaritas I (RQ 2014) Ave. Eduardo Conde, Final San Juan | \$4,290,550.00 | \$- | N/A | \$4,290,550.00 | 4.48 | 18.433827 | -66.038125 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Margaritas II (RQ 2015) Ave. Eduardo Conde, Final San Juan | \$2,960,100.00 | \$- | N/A | \$2,960,100.00 | 3.09 | 18.433827 | -66.038125 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Fernando Calimano (RQ 3014) Calle San Antonio Guayama | \$1,701,106.00 | \$- | N/A | \$1,701,106.00 | 1.78 | 17.981219 | -66.116385 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Manuel A. Pérez (RQ 3014) Ave. Dr. Rafael López Siscardó Rio Piedras San Juan | \$8,909,296.00 | \$- | N/A | \$8,909,296.00 | 9.3 | 18.410567 | -66.035459 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Virgilio Dávila (RQ 3017) Carr. # 2 Frente Estadio Municipal Juan Ramón Loubriel Frente Centro Judicial Bayamón | \$5,054,808.00 | \$- | N/A | \$5,054,808.00 | 5.27 | 18.397242 | -66.151911 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ext. Zeno Gandía (RQ 3018) Ave. Constitución Bo. Coito Arecibo | \$6,079,920.00 | \$- | N/A | \$6,079,920.00 | 6.34 | 18.463833 | -66.734128 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juan Jiménez García (RQ 3019) Carr. # 189, Calle 8 Cerca de la Coca Cola Caguas | \$3,468,124.00 | \$- | N/A | \$3,468,124.00 | 3.62 | 18.235674 | -66.02417 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Liborio Ortiz (RQ 3020) Calle Ignacio López (Final) Aibonito | \$2,313,894.00 | \$- | N/A | \$2,313,894.00 | 2.41 | 18.136787 | -66.263783 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Isidro Jacinto Cora (RQ 3021) Calle Morse Interior Al lado Escuela Superior Arroyo | \$3,111,548.00 | \$- | N/A | \$3,111,548.00 | 3.25 | 17.965035 | -66.063162 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Enrique Catoni (RQ 3022) Carr. # 2 Km. 38.1 Vega Baja | \$1,907,708.00 | \$- | N/A | \$1,907,708.00 | 1.99 | 18.44723 | -66.38857 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Francisco Figueroa (RQ 3024) Carr. # 402 Bo. Marias Añasco | \$2,684,990.00 | \$- | N/A | \$2,684,990.00 | 2.8 | 18.285659 | -67.140303 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Zenón Díaz Valcarcel (RQ 3026) Ave. Diego Vega Esq. Ramos Antonini Bo. Amelia Guaynabo | \$2,821,610.00 | \$- | N/A | \$2,821,610.00 | 2.94 | 18.430385 | -66.117078 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Rita de Casia (RQ 3027) Ave. Santos Ortiz Cabo Rojo | \$1,927,596.00 | \$- | N/A | \$1,927,596.00 | 2.01 | 18.083024 | -67.146408 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Dr. Victor Berrios (RQ 3028) Carr. # 182 Calle Méndez, Salida a Maunabo Yabucoa | \$2,078,912.00 | \$- | N/A | \$2,078,912.00 | 2.17 | 18.044457 | -65.87843 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ignacio Morales Davila (RQ 3029) Carr. # 31 Salida Ceiba Naguabo | \$2,159,718.00 | \$- | N/A | \$2,159,718.00 | 2.25 | 18.213717 | -65.732458 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vila Valle Verde (RQ 3030) Carr. # 10, salida Utuado B- Calle Canas Final Adjuntas | \$1,476,926.00 | \$- | N/A | \$1,476,926.00 | 1.54 | 18.166292 | -66.728069 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | José Castillo Mercado (RQ 3032) Calle Félix Tio Sabana Grande | \$2,740,122.00 | \$- | N/A | \$2,740,122.00 | 2.86 | 18.079716 | -66.963255 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vista Alegre (RQ 3035) Calle José Isaías y Calle José J. Camacho (Final) Sector La Pajilla Aguas Buenas | \$887,238.00 | \$- | N/A | \$887,238.00 | 0.93 | 18.254707 | -66.105865 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Antonio Dávila Freytes (RQ 3036) Ave. Las Palmas Detrás del Cuartel de la Policía Barceloneta | \$1,241,834.00 | \$- | N/A | \$1,241,834.00 | 1.3 | 18.455819 | -66.539953 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Universitaria (RQ 3037) Carr. # 719, Salida Comerio Colinda con la Carr. Municipal Toño Vélez Barraquitas | \$1,676,862.00 | \$- | N/A | \$1,676,862.00 | 1.75 | 18.181761 | -66.304601 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Manuel Román Adames (RQ 3038) Calle Iquina # 65 Salida Camuy a Quebradillas Camuy | \$1,236,400.00 | \$- | N/A | \$1,236,400.00 | 1.29 | 18.484893 | -66.846761 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Práxedes Santiago (RQ 3041) Calle Ramos Antonini Entrada del Pueblo Al lado Cuartel Policía Cidra | \$2,074,600.00 | \$- | N/A | \$2,074,600.00 | 2.16 | 18.173342 | -66.158949 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Guaynabo (RQ 3045) Calle José de Diego Frente a Mets Pavillon Guaynabo | \$1,074,436.00 | \$- | N/A | \$1,074,436.00 | 1.12 | 18.359996 | -66.112855 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Agustín Ruiz Miranda (RQ 3044) Calle Raúl Coballes Gandía Hatillo | \$1,560,944.00 | \$- | N/A | \$1,560,944.00 | 1.63 | 18.484598 | -66.8268 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Gabriel Soler Catala (RQ 3047) PR 103 00660 Hormigueros | \$850,300.00 | \$- | N/A | \$850,300.00 | 0.89 | 18.139871 | -67.129679 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Montaña (RQ 3048) Carr. # 144 Al lado Laboratorio Baxter y Estadio Municipal Jayuya | \$1,144,110.00 | \$- | N/A | \$1,144,110.00 | 1.19 | 18.217222 | -66.598024 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Américas (RQ 3049) Calle Dr. Jorge Tejeda Lajas | \$972,708.00 | \$- | N/A | \$972,708.00 | 1.02 | 18.047539 | -67.060156 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Ribera (RQ 3052) Calle José Celso Barbosa Cerca Plaza de Recreo Las Piedras | \$1,760,836.00 | \$- | N/A | \$1,760,836.00 | 1.84 | 18.181977 | -65.867218 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jesús T. Piñero (RQ 3053) Calle Luis Hernán Berones Cerca Cuartel de la Policía Canóvanas | \$2,267,672.00 | \$- | N/A | \$2,267,672.00 | 2.37 | 18.376728 | -65.899509 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Patricio (RQ 3054) Calle Felipe García de la Noceda Loiza | \$921,426.00 | \$- | N/A | \$921,426.00 | 0.96 | 18.433094 | -65.880912 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Diego Zaldueño Veve (RQ 3055) Calle Jose M Lugo Catzada Luquillo | \$1,529,000.00 | \$- | N/A | \$1,529,000.00 | 1.6 | 18.376734 | -65.718153 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juan Ferrer (RQ 3056) Carr. # 120, Km. 21 Hm. 9 Frente Escuela Raúl Ibarra Maicao | \$408,650.00 | \$- | N/A | \$408,650.00 | 0.43 | 18.18221 | -66.980287 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Carmen H. Vda. Martorell (RQ 3057) Ave. Kennedy Cerca Cuartel de la Policía Maunabo | \$1,025,068.00 | \$- | N/A | \$1,025,068.00 | 1.07 | 18.005872 | -65.899139 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jose N. Gándara (RQ 3058) Calle Blanca Chico Moca | \$888,184.00 | \$- | N/A | \$888,184.00 | 0.93 | 18.398942 | -67.113654 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Tomás Sorolla (RQ 3059) PR 6623 Morovís | \$820,160.00 | \$- | N/A | \$820,160.00 | 0.86 | 18.322065 | -66.407068 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | José V. Fortis (RQ 3061) Calle Juan B. Rivera (Antiguo Hospital Viejo) Carr. 155, Cerca Cuartel de la Policía Orocovís | \$1,034,044.00 | \$- | N/A | \$1,034,044.00 | 1.08 | 18.222788 | -66.392528 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa del Caribe (RQ 3062) Calle Alberto Ricey Salda Bo. Mamey Entrada Sector El Pueblito Patillas | \$1,083,258.00 | \$- | N/A | \$1,083,258.00 | 1.13 | 18.005984 | -66.012117 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Rosa (RQ 3065) Carr. # 115 Esq. Muñoz Rivera Rincón | \$1,028,610.00 | \$- | N/A | \$1,028,610.00 | 1.07 | 18.338472 | -67.251572 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | José H. Ramírez (RQ 3066) Calle 2. Esq. Soledad Río Grande | \$1,637,636.00 | \$- | N/A | \$1,637,636.00 | 1.71 | 18.377538 | -65.831397 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Pedro M. Descartes (RQ 3067) Calle General Contreras Santa Isabel | \$1,525,370.00 | \$- | N/A | \$1,525,370.00 | 1.59 | 17.9664 | -66.402165 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ramón Pérez Rodríguez (RQ 3068) Carr. # 165, entrando por pueblo Toa Alta frente al Parque Pelota Elrain de Jesús Toa Alta | \$1,424,632.00 | \$- | N/A | \$1,424,632.00 | 1.49 | 18.389447 | -66.249245 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Efraín Suárez Negrón (RQ 3073) Carr. # 149 Ave. Félix Hernández Bo. Borinquen Villalba | \$901,846.00 | \$- | N/A | \$901,846.00 | 0.94 | 18.129614 | -66.4949 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | 1era Ext. Manuel A. Pérez (RQ 3081) Calle Sicilia Final Ave. Dr. Rafael López Sicardó Río Piedras San Juan | \$9,491,724.00 | \$- | N/A | \$9,491,724.00 | 9.9 | 18.414361 | -66.033703 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ramón Marín Sola (RQ 3082) Ave. Constitución Bo. Coito Arecibo | \$2,349,864.00 | \$- | N/A | \$2,349,864.00 | 2.45 | 18.463824 | -66.73097 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Luis Muñoz Morales (RQ 3083) Ave. Fernández García Cayey | \$2,831,620.00 | \$- | N/A | \$2,831,620.00 | 2.95 | 18.10829 | -66.164093 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Luis Muñoz Rivera (RQ 3084) Carr. Industrial Calle 25 de Julio Guánica | \$2,090,000.00 | \$- | N/A | \$2,090,000.00 | 2.18 | 17.973877 | -66.906306 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Luis Pales Matos (RQ 3085) Carr. # 744 Int Calle 41 Guayama | \$4,728,966.00 | \$- | N/A | \$4,728,966.00 | 4.93 | 17.97323 | -66.111199 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Andrés Méndez Liceaga (RQ 3087) Ave. Emerico Estrada Rivera Frente Coliseo Luis M. Marín San Sebastián | \$3,602,940.00 | \$- | N/A | \$3,602,940.00 | 3.76 | 18.336072 | -66.99645 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Palmas (RQ 3088) Calle José L. Quiñón Cerca Esc. Superior Coamo | \$1,506,560.00 | \$- | N/A | \$1,506,560.00 | 1.57 | 18.077951 | -66.363265 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas del Parque (RQ 3089) Calle Muñoz Rivera Saldaña Santa Isabel Juana Díaz | \$1,894,156.00 | \$- | N/A | \$1,894,156.00 | 1.98 | 18.049096 | -66.504541 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Bella Vista (RQ 3090) Carr. # 1, Km. 1.5 Ave. Muñoz Rivera Salinas | \$1,461,394.00 | \$- | N/A | \$1,461,394.00 | 1.52 | 17.979651 | -66.297298 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Enrique Zomilla (RQ 3092) Calle McKinley Manatí | \$3,001,460.00 | \$- | N/A | \$3,001,460.00 | 3.13 | 18.428727 | -66.486434 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Padre J. Rivera (RQ 3094) Carr. # 3, esq CIL LI Col Porfirio Vega Humacao | \$3,587,826.00 | \$- | N/A | \$3,587,826.00 | 3.74 | 18.141952 | -65.825675 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Pedro Rosario Nieves (RQ 3095) Carr. # 987 Frente Urb. Santa Isidra Fajardo | \$3,478,376.00 | \$- | N/A | \$3,478,376.00 | 3.63 | 18.333103 | -65.647953 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jose Celso Barbosa (RQ 3094) Carr. # 861 Entrando Ave. Millones Frente Colegio American School Bayamón | \$2,588,982.00 | \$- | N/A | \$2,588,982.00 | 2.7 | 18.384613 | -66.177409 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Trina Padilla de Sarz (RQ 3097) Ave. Constitución Edificio 6 Apto. 698 Arecibo | \$5,816,140.00 | \$- | N/A | \$5,816,140.00 | 6.07 | 18.464049 | -66.72854 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Antonio Márquez Arbona (RQ 3099) Ave. Fraternidad Entrada Semáforo frente PR Distillers Arecibo | \$2,871,748.00 | \$- | N/A | \$2,871,748.00 | 3 | 18.467161 | -66.736441 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Agustin Stahl (RQ 3100) Carr. # 107 Bo. Botinquen, Frente Aeropuerto Aguadilla | \$6,605,258.00 | \$- | N/A | \$6,605,258.00 | 6.89 | 18.479797 | -67.151243 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juana Matos I (RQ 3102) Ave. Barbosa, Carr. # 5 Al lado Cuartel de la Policía Cataño | \$4,597,538.00 | \$- | N/A | \$4,597,538.00 | 4.8 | 18.437131 | -66.126909 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Manuel Martorell Pérez (RQ 3103) Carr. # 156, Bda. Pasarell Frente puente Pasarell hacia Pueblo y Centro Salud Comerio | \$1,731,114.00 | \$- | N/A | \$1,731,114.00 | 1.81 | 18.221471 | -66.222276 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Vieques (RQ 3104) Salida del Pueblo Cerca Hospital Municipal Vieques | \$1,008,898.00 | \$- | N/A | \$1,008,898.00 | 1.05 | 18.142292 | -65.444862 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Franklin Delano Roosevelt (1-300) (RQ 4003) Bo. Colombia Calle Principe # 100 Mayagüez | \$6,239,310.00 | \$- | N/A | \$6,239,310.00 | 6.51 | 18.196954 | -67.147455 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Franklin Delano Roosevelt (301-600) (RQ 4003) Bo. Colombia Calle Principe # 101 Mayagüez | \$6,239,310.00 | \$- | N/A | \$6,239,310.00 | 6.51 | 18.196954 | -67.147455 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Sábalos Gardens (RQ 4004) Carr. # 2, Calle Carolina Bo. Sábalos Mayagüez | \$2,729,738.00 | \$- | N/A | \$2,729,738.00 | 2.85 | 18.177843 | -67.153353 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Cuesta Las Piedras (RQ 4004) Calle Post Sur Edificio # 5, Apto. # 39 Mayagüez | \$2,446,950.00 | \$- | N/A | \$2,446,950.00 | 2.55 | 18.184846 | -67.141351 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Yagüez (RQ 4008) Calle Nenadich Mayagüez | \$2,230,536.00 | \$- | N/A | \$2,230,536.00 | 2.33 | 18.195124 | -67.138032 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Manuel Hernández Rosa (Candelaria) (RQ 4009) Ave. José González Clemente Mayagüez | \$3,156,340.00 | \$- | N/A | \$3,156,340.00 | 3.29 | 18.195955 | -67.151422 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Carmen (Manuel Hernandez Rosa) (RQ 4010) Carr. # 2, Calle Carolina Bo. Sábalos Mayagüez | \$2,713,942.00 | \$- | N/A | \$2,713,942.00 | 2.83 | 18.177843 | -67.153353 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Rafael Hernández (Kennedy) (RQ 4011) Ave. Duscombe Edificio # 7, Apto. 62 Mayagüez | \$2,925,142.00 | \$- | N/A | \$2,925,142.00 | 3.05 | 18.193175 | -67.152482 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juan César Cordero Dávila (RQ 5001) Calle Trianda Detrás Depto. Vivienda Hato Rey San Juan | \$5,734,916.00 | \$- | N/A | \$5,734,916.00 | 5.98 | 18.413473 | -66.046782 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juana Matos II (RQ 5002) Ave. Barbosa Carr. # 5 Al lado Cuartel de la Policía Cataño | \$2,257,926.00 | \$- | N/A | \$2,257,926.00 | 2.36 | 18.435882 | -66.12915 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Rafael Torrech (RQ 5003) Calle Hiram González Esq. Ave. Comercio Urb. Sierra Bayamón | \$2,714,734.00 | \$- | N/A | \$2,714,734.00 | 2.83 | 18.401211 | -66.165057 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Raúl Castellón (RQ 5004) Ave. Troche Interior Caguas | \$2,988,722.00 | \$- | N/A | \$2,988,722.00 | 3.12 | 18.232569 | -66.025867 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Mar y Sol (RQ 5005) Sector El Malecón Carr. # 2 Mayagüez | \$1,865,094.00 | \$- | N/A | \$1,865,094.00 | 1.95 | 18.218034 | -67.154955 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Rosales (RQ 5006) Ave. Fragot Final Bo. Machuelo Ponce | \$1,926,606.00 | \$- | N/A | \$1,926,606.00 | 2.01 | 18.026664 | -66.606623 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines Sellés I (RQ 5007) Calle Juan Peña Reyes Urb. Villa Prades Rio Piedras San Juan | \$3,423,882.00 | \$- | N/A | \$3,423,882.00 | 3.57 | 18.403447 | -66.026046 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juana Matos III (RQ 5008) Ave. Barbosa, Carr. # 5 Al lado Cuartel de la Policía Cataño | \$2,956,668.00 | \$- | N/A | \$2,956,668.00 | 3.09 | 18.435009 | -66.130194 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Sabana Abajo (RQ 5009) Ave. Monserrate Al lado Iturregui Carolina | \$5,755,706.00 | \$- | N/A | \$5,755,706.00 | 6.01 | 18.407452 | -65.985721 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Brisas del Turabo I (RQ 5010) Calle Monseñor Berrios Caguas | \$2,515,194.00 | \$- | N/A | \$2,515,194.00 | 2.62 | 18.226364 | -66.029455 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ext. Sábalo Gardens (Sábalo Nuevos) (RQ 5012) Ave. José González Clemente Mayagüez | \$4,884,000.00 | \$- | N/A | \$4,884,000.00 | 5.1 | 18.194713 | -67.151941 | Hurricane Force Winds | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Country Club (RQ 5013) Ave. Campo Rico Final Esq. 65 de Infantería Río Piedras San Juan | \$1,369,984.00 | \$- | N/A | \$1,369,984.00 | 1.43 | 18.398479 | -66.006013 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Juan García Ducós (RQ 5014) Carr. # 107 Bo. Borinquen, Frente Urb. El Prado Aguadilla | \$3,337,048.00 | \$- | N/A | \$3,337,048.00 | 3.48 | 18.44939 | -67.152959 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alejandro (RQ 5016) PR 177 y PR 1, Río Piedras Guaynabo | \$2,595,736.00 | \$- | N/A | \$2,595,736.00 | 2.71 | 18.367197 | -66.083526 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Martín (RQ 5017) Calle Juan Báez Esq. 65 de Infantería Río Piedras San Juan | \$3,951,662.00 | \$- | N/A | \$3,951,662.00 | 4.12 | 18.395228 | -66.006377 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Brisas del Turabo II (RQ 5019) Calle Monseñor Berrios Caguas | \$1,790,250.00 | \$- | N/A | \$1,790,250.00 | 1.87 | 18.225309 | -66.03035 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Dr. Pedro J. Palou (RQ 5020) Carr. # 924 Salida Bo. Pitahaya Humacao | \$2,460,238.00 | \$- | N/A | \$2,460,238.00 | 2.57 | 18.152787 | -65.819199 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Puerto Real (RQ 5021) Carr. Industrial, hacia la Autoridad de los Puertos Fajardo | \$1,469,666.00 | \$- | N/A | \$1,469,666.00 | 1.53 | 18.334116 | -65.640662 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Ceiba (RQ 5022) Ponce | \$4,573,800.00 | \$- | N/A | \$4,573,800.00 | 4.77 | 18.01152 | -66.58979 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Fernando (RQ 5023) Ave. de Diego Entrando Urb. San Francisco San Juan | \$3,979,800.00 | \$- | N/A | \$3,979,800.00 | 4.15 | 18.387628 | -66.085723 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Bernardino Villanueva (RQ 5024) Carr. # 2, Intersección # 107 frente Urb. López Aguadilla | \$3,736,744.00 | \$- | N/A | \$3,736,744.00 | 3.9 | 18.448263 | -67.146623 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Palmas (RQ 5025) Carr. # 869 Calle Marginal Bo. Palmas Cataño | \$4,956,688.00 | \$- | N/A | \$4,956,688.00 | 5.17 | 18.432622 | -66.151974 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Lirios (RQ 5026) Calle Cerra, Final Santurce San Juan | \$1,471,558.00 | \$- | N/A | \$1,471,558.00 | 1.54 | 18.446609 | -66.081335 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Montellano (RQ 5027) 3001 Ave. Antonio R. Barceló, carr. 14 Cayey | \$2,043,800.00 | \$- | N/A | \$2,043,800.00 | 2.13 | 18.126349 | -66.14645 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Catalina (RQ 5028) Calle 25 de Julio Salida Guánica Yauco | \$3,698,288.00 | \$- | N/A | \$3,698,288.00 | 3.86 | 18.028244 | -66.860112 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Campo Rico (RQ 5031) Calle Surana Jardines de Country Club Rio Piedras San Juan | \$2,624,600.00 | \$- | N/A | \$2,624,600.00 | 2.74 | 18.399198 | -66.012055 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alturas de Cupey (RQ 5034) Al lado Escuela Mesa Cupey San Juan | \$2,784,232.00 | \$- | N/A | \$2,784,232.00 | 2.91 | 18.357926 | -66.044769 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Esperanza (RQ 5035) Urb. Las Lomas, entrando por la Calle # 6 San Juan | \$2,857,360.00 | \$- | N/A | \$2,857,360.00 | 2.98 | 18.395783 | -66.099098 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Margaritas III (RQ 5038) Ave. Eduardo Conde, Final San Juan | \$2,312,398.00 | \$- | N/A | \$2,312,398.00 | 2.41 | 18.43544 | -66.035456 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines Sellés II (RQ 5040) Calle Juan Peña Reyes Urb. Villa Prades Rio Piedras San Juan | \$634,964.00 | \$- | N/A | \$634,964.00 | 0.66 | 18.402209 | -66.026039 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardín El Edén (RQ 5042) Ave. Muñoz Marín Coamo | \$1,327,876.00 | \$- | N/A | \$1,327,876.00 | 1.39 | 18.075067 | -66.368791 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Ceiba (RQ 5044) Carri 978 frente al Cementerio, Ceiba Ceiba | \$3,102,000.00 | \$- | N/A | \$3,102,000.00 | 3.24 | 18.261662 | -65.651887 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Carriaca (San Antonio) (RQ 5048) Calle Vicente Pales, este Final Detrás Colegio San Antonio Guayama | \$898,392.00 | \$- | N/A | \$898,392.00 | 0.94 | 17.985182 | -66.109071 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ramirez de Arellano (RQ 5053) Calle Federico Degetau Mangual Mayagüez | \$2,310,000.00 | \$- | N/A | \$2,310,000.00 | 2.41 | 18.188392 | -67.159244 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines Monte Isleño (RQ 5054) Ave. González Clemente Sector el Malecón Mayagüez | \$84,436.00 | \$- | N/A | \$84,436.00 | 0.09 | 18.212985 | -67.152056 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Mirlos (RQ 5057) Bo. Martín González Calle Uruguay Final Carolina | \$2,878,920.00 | \$- | N/A | \$2,878,920.00 | 3 | 18.380992 | -65.985426 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Buena Vista (RQ 5058) Oficina de Administración Ave. Antonio R. Barceló Carr. # 14 Cayey | \$2,761,000.00 | \$- | N/A | \$2,761,000.00 | 2.88 | 18.120611 | -66.175907 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Colinas de Magnolia (RQ 5064) Carr. # 189, Intersección 185 Salida Juncos a Gurabo Gurabo Abajo Juncos | \$171,050.00 | \$- | N/A | \$171,050.00 | 0.18 | 18.238794 | -65.926465 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Turabo Heights (RQ 5066) Ave. Shufford Cerca Hospital Sub-Regional Caguas | \$1,251,250.00 | \$- | N/A | \$1,251,250.00 | 1.31 | 18.222413 | -66.049103 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ext. Santa Catalina (RQ 5067) Calle 25 de Julio Salida Guánica Yauco | \$478,368.00 | \$- | N/A | \$478,368.00 | 0.5 | 18.028502 | -66.858949 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Laureles (RQ 5069) Carr. # 176 Km. 5.0 Sector Cupey Rio Piedras San Juan | \$220,858.00 | \$- | N/A | \$220,858.00 | 0.23 | 18.367719 | -66.054063 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Leopoldo Figueroa (RQ 5070) Calle De Diego # 364 Rio Piedras San Juan | \$2,945,800.00 | \$- | N/A | \$2,945,800.00 | 3.07 | 18.398108 | -66.039567 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Beatrice Localle (RQ 5071) Calle Añazco, Esq. Santa Rita Rio Piedras San Juan | \$1,793,000.00 | \$- | N/A | \$1,793,000.00 | 1.87 | 18.40568 | -66.055294 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Lagos de Blasina (RQ 5075) Ave. Roberto Clemente Esq. Sánchez Castañón Carolina | \$269,060.00 | \$- | N/A | \$269,060.00 | 0.28 | 18.390617 | -65.963908 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Cataño Gardens (RQ 5076) Calle Principal Muñoz Rivera Frente al Fondo del Seguro Carolina | \$4,991,800.00 | \$- | N/A | \$4,991,800.00 | 5.21 | 18.378355 | -65.956612 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Rosa (RQ 5077) Urb. Los Maestros Rio Piedras San Juan | \$994,422.00 | \$- | N/A | \$994,422.00 | 1.04 | 18.404227 | -66.034661 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Cupey (RQ 5080) Ave. Monte Brito Cupey Bajo San Juan | \$438,196.00 | \$- | N/A | \$438,196.00 | 0.46 | 18.362654 | -66.045824 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Flamboyán (RQ 5081) Calle Dominica, Esq. Somoo Ave. Iturregui Urb. Country Club Carolina | \$974,248.00 | \$- | N/A | \$974,248.00 | 1.02 | 18.414623 | -66.01053 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alturas de Country Club (RQ 5082) Ave. Iturregui Antiguo Complejo Roberto Clemente Colindante con Calle 413-403 Carolina | \$4,110,546.00 | \$- | N/A | \$4,110,546.00 | 4.29 | 18.416543 | -66.004065 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Rosaleda (RQ 5085) 38 Ave Lomas Verdes, 00921 Guaynabo | \$1,475,188.00 | \$- | N/A | \$1,475,188.00 | 1.54 | 18.374705 | -66.093039 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Lirios del Sur (RQ 5088) Sector Guanchita Playa Ponce | \$456,016.00 | \$- | N/A | \$456,016.00 | 0.48 | 17.989111 | -66.63173 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefiting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Perla del Caribe (RQ 5089) Bo. Río Chiquito Cerca Cementerio Municipal Ponce | \$914,540.00 | \$- | N/A | \$914,540.00 | 0.95 | 18.039962 | -66.607409 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefiting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Judely (RQ 5090) Carr. # 3183, Calle Jesús T. Piñeiro (Final) Salida Las Piedras-San Lorenzo Las Piedras | \$3,912,920.00 | \$- | N/A | \$3,912,920.00 | 4.08 | 18.175624 | -65.872639 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefiting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Lorenzana (RQ 5092) Carr. # 183, Salida San Lorenzo- Caguas Bda. Santa Clara San Lorenzo | \$1,369,522.00 | \$- | N/A | \$1,369,522.00 | 1.43 | 18.194315 | -65.967974 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefiting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Brisas de Bayamón (RQ 5093) Avenida Ramon Luis Rivera Bayamón | \$582,978.00 | \$- | N/A | \$582,978.00 | 0.61 | 18.415 | -66.1604 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefiting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Gardenias (RQ 5094) Ave. Betances, Esq. Calle F Urb. Hermanas Dávila Bayamón | \$293,150.00 | \$- | N/A | \$293,150.00 | 0.31 | 18.393482 | -66.166431 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Alhambra (RQ 5096) Car. # 167 Al lado Caribbean University College Bayamón | \$576,070.00 | \$- | N/A | \$576,070.00 | 0.6 | 18.381595 | -66.170106 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Emiliano Pal (RQ 5097) Calle Mayaguez # 129 Urb. Pérez Moris San Juan | \$1,700,248.00 | \$- | N/A | \$1,700,248.00 | 1.77 | 18.412337 | -66.046135 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Oscar Colón Delgado (Hatillo del Mar) (RQ 5098) Ave. Dr. Susoni, detrás del correo Hatillo | \$2,067,846.00 | \$- | N/A | \$2,067,846.00 | 2.16 | 18.487345 | -66.818822 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Prado (RQ 5099) Ave. Julio Andino, Ramal Este Urb. Villa Prades Rio Piedras San Juan | \$929,214.00 | \$- | N/A | \$929,214.00 | 0.97 | 18.403793 | -66.029753 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alturas de Isabela (RQ 5100) Ave. Juan Hernandez Ortiz Isabela | \$1,069,200.00 | \$- | N/A | \$1,069,200.00 | 1.12 | 18.49725 | -67.019385 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Esmeralda (RQ 5101) Ave. Monserrate Final Calle 90, Urb. Villa Carolina Carolina | \$2,223,210.00 | \$- | N/A | \$2,223,210.00 | 2.32 | 18.405773 | -65.963658 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Coral (RQ 5102) Ave. Central Boulevard Esq. Ave. Calderón Carolina | \$1,293,820.00 | \$- | N/A | \$1,293,820.00 | 1.35 | 18.396612 | -65.954975 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Murales (RQ 5104) Calle 21 Manatí | \$714,560.00 | \$- | N/A | \$714,560.00 | 0.75 | 18.431017 | -66.476751 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Violetas (RQ 5105) Carr. # 2, Km. 28.9 Vega Alta | \$272,932.00 | \$- | N/A | \$272,932.00 | 0.28 | 18.413169 | -66.314091 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jesús M. Lago (RQ 5107) Carr. # 10, detrás Cancha Peco González Urb. Jesús M. Lago Utuado | \$255,156.00 | \$- | N/A | \$255,156.00 | 0.27 | 18.28173 | -66.703209 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | 2da Ext. Dr. Manuel de la Pila Iglesias (RQ 5108) Calle Alcázar al norte, Carr. #14 al sur Urb. Alhambra al oeste y Urb. La Rambia al este Ponce | \$2,047,298.00 | \$- | N/A | \$2,047,298.00 | 2.14 | 18.019512 | -66.60369 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Elena (RQ 5109) Desvío Luis A. Ferré Calle 7, Edificio E-7 Yabucoa | \$1,025,794.00 | \$- | N/A | \$1,025,794.00 | 1.07 | 18.041045 | -65.875054 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Concordia (RQ 5111) Ave. González Clemente Sector El Seco Mayagüez | \$3,394,446.00 | \$- | N/A | \$3,394,446.00 | 3.54 | 18.212249 | -67.153139 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Bonneville Heights (RQ 5113) Al lado Urb. Bonneville Heights Calle Yabucoa, lado Plaza del Carmen Mall Salida Gurabo Caguas | \$19,800.00 | \$- | N/A | \$19,800.00 | 0.02 | 18.231094 | -66.05626 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Nuestra Señora de Covadonga (RQ 5114) Carr. # 846 Frente Ciudad Universitaria Trujillo Alto | \$2,798,158.00 | \$- | N/A | \$2,798,158.00 | 2.92 | 18.374008 | -66.024374 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Catalina (RQ 5115) Carr. # 861 De Bayamón a Ba. Piña Bayamón | \$22,220.00 | \$- | N/A | \$22,220.00 | 0.02 | 18.386184 | -66.1849 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Evangelina II (RQ 5121) Carr. # 149 Intersección 670 Manatí | \$2,016,476.00 | \$- | N/A | \$2,016,476.00 | 2.1 | 18.419252 | -66.48001 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines del Noroeste (RQ 5125) Calle Sin nombre 1, Isabela Isabela | \$3,553,000.00 | \$- | N/A | \$3,553,000.00 | 3.71 | 18.502441 | -67.028543 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Navarro (RQ 5126) Ave. Kennedy Maunabo | \$837,606.00 | \$- | N/A | \$837,606.00 | 0.87 | 18.004915 | -65.895859 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Meseta (RQ 5127) Carr. # 2 Km. 27 Entrada frente a Mueblerías Berrios y Rigual Arecibo | \$2,170,256.00 | \$- | N/A | \$2,170,256.00 | 2.26 | 18.470501 | -66.745954 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Guarionex (RQ 5129) Calle Enrique Linares Carr. # 113, Frente Urb. Kennedy Quebradillas | \$1,149,830.00 | \$- | N/A | \$1,149,830.00 | 1.2 | 18.469762 | -66.938809 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Oriente (RQ 5131) Ave. Cruz Ortiz Estela Al lado Centro Judicial de Humacao Detrás Centro Gubernamental Humacao | \$1,517,318.00 | \$- | N/A | \$1,517,318.00 | 1.58 | 18.154175 | -65.824049 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Yuquiyú I (RQ 5132) Carr. # 187 Al lado Escuela Carlos Escobar Loiza | \$3,038,200.00 | \$- | N/A | \$3,038,200.00 | 3.17 | 18.432298 | -65.877798 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas del Rio (RQ 5133) Carr. # 31, Cerca Hospital Municipal Salida Juncos Naguabo | \$1,794,254.00 | \$- | N/A | \$1,794,254.00 | 1.87 | 18.210788 | -65.741021 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Dallas (RQ 5135) Calle Turin (final) Rio Piedras San Juan | \$1,422,894.00 | \$- | N/A | \$1,422,894.00 | 1.48 | 18.389327 | -66.023973 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Pizuela Catalina (RQ 5136) Sector Piche Final Calle Georgetti Barceloneta | \$2,364,406.00 | \$- | N/A | \$2,364,406.00 | 2.47 | 18.458129 | -66.537926 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa del Rey (RQ 5138) Calle Bonaparte, Detrás Esc. J.F. Kennedy Salida Caguas a Cayey Caguas | \$1,001,946.00 | \$- | N/A | \$1,001,946.00 | 1.05 | 18.213215 | -66.047436 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Monte Park (RQ 5143) Ave. Monte Carlo Detrás Res. Monte Hatillo Rio Piedras San Juan | \$1,036,530.00 | \$- | N/A | \$1,036,530.00 | 1.08 | 18.390433 | -66.016292 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Rincón Taino (RQ 5144) Carr. # 153, Km. 0.6 Santa Isabel | \$75,856.00 | \$- | N/A | \$75,856.00 | 0.08 | 17.970522 | -66.40479 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Manuel F. Rossy (RQ 5145) Bo. El Retiro San Germán | \$706,640.00 | \$- | N/A | \$706,640.00 | 0.74 | 18.075383 | -67.031791 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Evangelina III (RQ 5146) Carr. # 149 Intersección 670 Manatí | \$729,014.00 | \$- | N/A | \$729,014.00 | 0.76 | 18.421994 | -66.480089 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Evangelina IV (RQ 5147) Carr. # 149 Intersección 670 Manatí | \$2,024,110.00 | \$- | N/A | \$2,024,110.00 | 2.11 | 18.423348 | -66.476738 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Leonardo Santiago (RQ 5148) Urb. Esperanza Calle D (Final) Juana Díaz | \$2,201,144.00 | \$- | N/A | \$2,201,144.00 | 2.3 | 18.046625 | -66.507442 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Cuesta Vieja (RQ 5149) Carr. Cuesta Vieja Aguadilla | \$1,762,376.00 | \$- | N/A | \$1,762,376.00 | 1.84 | 18.443547 | -67.155306 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Caparra (RQ 5150) Carr. # 2 Frente antiguo Hospital Ruiz Sailer Bayamón | \$1,295,734.00 | \$- | N/A | \$1,295,734.00 | 1.35 | 18.397273 | -66.126375 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Sierra Linda (RQ 5151) Calle Los Millones Final Esq. Calle 13, Urb. Sierra Linda Al lado Res. José C. Barbosa Bayamón | \$1,002,870.00 | \$- | N/A | \$1,002,870.00 | 1.05 | 18.383716 | -66.178144 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Hacienda San Andrés (RQ 5153) Ave. Emerito Estrada Rivera Frente al Coliseo Luis M. Marín Entrando por Res. Andrés M. Liceaga San Sebastián | \$951,588.00 | \$- | N/A | \$951,588.00 | 0.99 | 18.336555 | -67.000897 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vilamar Apartments (RQ 5155) Calle Progreso Esq. Betances Aguadilla | \$3,324,200.00 | \$- | N/A | \$3,324,200.00 | 3.47 | 18.421608 | -67.155471 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Cerní (RQ 5156) Carr 193 esq calle progreso Luquillo | \$2,388,188.00 | \$- | N/A | \$2,388,188.00 | 2.49 | 18.370595 | -65.713912 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Brisas de Coyey (RQ 5157) Ave Jose de Diego Int Calle Jose Nogueras Coyey | \$1,522,224.00 | \$- | N/A | \$1,522,224.00 | 1.59 | 18.117245 | -66.176169 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Montaña (RQ 5158) Bo. Montaña Deltás Urb. El Prado-Entrada Aeropuerto Aguadilla | \$177,782.00 | \$- | N/A | \$177,782.00 | 0.19 | 18.451449 | -67.144103 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Delicias (RQ 5160) Sector Pastillo Salida a Peñuelas Ponce | \$1,222,078.00 | \$- | N/A | \$1,222,078.00 | 1.28 | 18.034864 | -66.658512 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Manantial (RQ 5161) Al lado Urb. Santiago Iglesias Guaynabo | \$873,686.00 | \$- | N/A | \$873,686.00 | 0.91 | 18.380529 | -66.096316 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Muñecas (RQ 5162) Carr. # 459, Km. 0.3 Aguadilla | \$1,220,340.00 | \$- | N/A | \$1,220,340.00 | 1.27 | 18.445811 | -67.139414 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | José Tormos Diego (RQ 5163) Ave. Principal Bo. Machuelo Ponce | \$1,558,304.00 | \$- | N/A | \$1,558,304.00 | 1.63 | 18.033803 | -66.603321 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Máximo Miranda Jiménez (RQ 5144) Bo. Tierra Santa Carr. # 149 Villalba | \$1,636,822.00 | \$- | N/A | \$1,636,822.00 | 1.71 | 18.124637 | -66.501458 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Antulio López (El Valenciano) (RQ 5165) Calle Algarín Final Bo. Mamey, Cerca Cementerio Municipal Juncos | \$1,259,346.00 | \$- | N/A | \$1,259,346.00 | 1.31 | 18.227415 | -65.928684 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Brisas de Cupey (RQ 5166) Ave. Monte Brito Cupey Bajo San Juan | \$1,351,856.00 | \$- | N/A | \$1,351,856.00 | 1.41 | 18.364546 | -66.04789 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Elena (RQ 5167) Ave. San Patricio San Juan | \$855,008.00 | \$- | N/A | \$855,008.00 | 0.89 | 18.392485 | -66.091106 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Laureles (RQ 5168) Ave. Laurel, Urb. Santa Juanita Al lado Hospital Regional Bayamón | \$809,908.00 | \$- | N/A | \$809,908.00 | 0.85 | 18.370041 | -66.152994 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Carolina Walk up (El Faro) (RQ 5169) Ave. Sánchez Castaño, Esq. Calle 24 Urb. Villa Carolina Lado Iglesia Sto. Cristo de los Milagros Carolina | \$882,948.00 | \$- | N/A | \$882,948.00 | 0.92 | 18.392326 | -65.958471 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de San Carlos (RQ 5170) Carr. # 1, Km. 37.8 Bo. Turabo Caguas | \$900,856.00 | \$- | N/A | \$900,856.00 | 0.94 | 18.210225 | -66.045806 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ponce Housing (RQ 5171) Carr. # 504 Bo. Río Chiquito Ponce | \$1,407,736.00 | \$- | N/A | \$1,407,736.00 | 1.47 | 18.043044 | -66.610825 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Coamo Housing (RQ 5172) Carr. 153, Coamo. Doblando por el Econo Coamo | \$502,348.00 | \$- | N/A | \$502,348.00 | 0.52 | 18.054061 | -66.369844 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Bahía (RQ 5173) Carr. # 127 Bo. Magas Abajo Guayanilla | \$608,674.00 | \$- | N/A | \$608,674.00 | 0.64 | 18.01777 | -66.780063 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa de los Santos II (RQ 5175) Carr. # 653 Cerca Escuela Trina Padilla Arecibo | \$1,202,740.00 | \$- | N/A | \$1,202,740.00 | 1.26 | 18.464123 | -66.745109 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santiago Veve Calzada (RQ 5176) Calle General Valero Fajardo | \$2,973,784.00 | \$- | N/A | \$2,973,784.00 | 3.1 | 18.332036 | -65.656204 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Brisas de Campo Alegre (RQ 5177) 5177 Carr. 686 Bo. Cotto Norte Manatí | \$1,358,324.00 | \$- | N/A | \$1,358,324.00 | 1.42 | 18.437404 | -66.46478 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Aguada (Aguada Gardens) (RQ 5178) Carr. Estatal 115, Bo. Asomante Aguada | \$1,619,882.00 | \$- | N/A | \$1,619,882.00 | 1.69 | 18.384636 | -67.182172 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Puesto del Sol (RQ 5179) Carr. Estatal # 460 Km. 0 Cuesta Vieja Aguadilla | \$692,296.00 | \$- | N/A | \$692,296.00 | 0.72 | 18.441676 | -67.153445 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Ceiba (RQ 5180) Calle San Jorge, int Calle 3, Ceiba PR Ceiba | \$520,872.00 | \$- | N/A | \$520,872.00 | 0.54 | 18.267055 | -65.645796 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Cidra (RQ 5181) Carr. # 173 Salida Aibonito Predios, doblando luego Cidra Junker Cidra | \$1,061,434.00 | \$- | N/A | \$1,061,434.00 | 1.11 | 18.172987 | -66.163396 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alturas de Cibuco (RQ 5182) Carr. # 818, Km. 0, Hm. 1 Bo. Cibuco Corozal | \$1,478,708.00 | \$- | N/A | \$1,478,708.00 | 1.54 | 18.340591 | -66.325626 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Guánica (RQ 5183) Carr. Industrial Calle 25 de Julio Guánica | \$1,008,018.00 | \$- | N/A | \$1,008,018.00 | 1.05 | 17.976547 | -66.906368 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Guamaní (RQ 5184) Carr. # 3, Km. 140 Bo. Jobos Guayama | \$1,161,776.00 | \$- | N/A | \$1,161,776.00 | 1.21 | 17.968758 | -66.131222 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ext. Jardines de Judely (RQ 5185) Carr. # 189, Ext. Las Piedras a San Lorenzo Km. 23.6, Calle José Celso Barbosa Las Piedras | \$1,084,644.00 | \$- | N/A | \$1,084,644.00 | 1.13 | 18.177665 | -65.86354 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Yuquiyú II (RQ 5186) Carr. # 3 Detrás Res. El Cerní Luquillo | \$541,970.00 | \$- | N/A | \$541,970.00 | 0.57 | 18.371896 | -65.713229 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villa Elena (RQ 5188) Bo. Río Chiquito Ponce | \$502,612.00 | \$- | N/A | \$502,612.00 | 0.52 | 18.041931 | -66.611689 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Utuado (RQ 5189) Carr. # 111, Ave. Fernando L. Rivas Dominichi Km. 0 Hm. 8, Frente Centro Registro FISCALIA Utuado | \$1,424,412.00 | \$- | N/A | \$1,424,412.00 | 1.49 | 18.270593 | -66.700907 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ahuras de Vega Baja (RQ 5190) Calle D Centro Comunal Urb. Ahuras de Vega Baja Vega Baja | \$299,310.00 | \$- | N/A | \$299,310.00 | 0.31 | 18.435189 | -66.395891 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas del Cafetal (Yauco Housing) (RQ 5191) Carr. 386 Ave. Luis Muñoz Marín Yauco | \$901,516.00 | \$- | N/A | \$901,516.00 | 0.94 | 18.033735 | -66.867493 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Antigua Via (RQ 5192) Carr. # 845 Frente Cementerio Buxeda, Cupey Rio Piedras San Juan | \$2,074,556.00 | \$- | N/A | \$2,074,556.00 | 2.16 | 18.372885 | -66.042534 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Rosales (RQ 5193) Carr. 846, Interior Al lado Cond. Los Claveles Intersección Los Barros Trujillo Alto | \$238,810.00 | \$- | N/A | \$238,810.00 | 0.25 | 18.366442 | -66.026104 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Lirios (RQ 5194) Calle A Teresa Jornet Cupey Bajo San Juan | \$250,228.00 | \$- | N/A | \$250,228.00 | 0.26 | 18.355631 | -66.044321 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Torres de Francia (RQ 5195) Calle Francia Hato Rey San Juan | \$2,371,446.00 | \$- | N/A | \$2,371,446.00 | 2.47 | 18.414693 | -66.049399 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Torres del Río (RQ 5196) Carr. # 31 Al lado del Res. Villas del Río Naguabo | \$1,868,438.00 | \$- | N/A | \$1,868,438.00 | 1.95 | 18.210977 | -65.742494 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Reparto San Antonio (RQ 5197) A-15 Sector La Hacienda Bo. Helechal, Carr. 156, Km. 15.5 Barranquitas | \$308,330.00 | \$- | N/A | \$308,330.00 | 0.32 | 18.18612 | -66.318699 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines San Fernando (RQ 5198) Carr. # 165, Km. 0.8 hacia Corozal Entrando por Farmacia Professional Drug Toa Alta | \$1,868,460.00 | \$- | N/A | \$1,868,460.00 | 1.95 | 18.387876 | -66.255341 | Hurricane Force Winds | |
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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alturas de Montelanos (RQ 5201) Ave. Antonio R. Barceló Carr. #14, Km 72.7 Cayey | \$698,302.00 | \$- | N/A | \$698,302.00 | 0.73 | 18.12262 | -66.1442 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Taino (RQ 5202) Carr. # 153, Km. 0.9 Santa Isabel | \$115,104.00 | \$- | N/A | \$115,104.00 | 0.12 | 17.973885 | -66.404647 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Enclito Negrón (RQ 5203) Carr. # 149, Km. 57.9 Bo. Tierra Santa Villalba | \$419,166.00 | \$- | N/A | \$419,166.00 | 0.44 | 18.123081 | -66.502729 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Valle de Puerto Real (RQ 5204) Calle 8, Ext. Valle Real Fajardo | \$1,878,800.00 | \$- | N/A | \$1,878,800.00 | 1.96 | 18.329764 | -65.637128 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas de Orocovis II (RQ 5205) Carr. # 156, Km. 2.3 Bo. Sabana, al lado Estadio Municipal Orocovis | \$1,407,978.00 | \$- | N/A | \$1,407,978.00 | 1.47 | 18.218391 | -66.379102 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Galateo Apartments (RQ 5204) Carr. # 115 Esq. Muñoz Rivera Río Grande | \$1,141,932.00 | \$- | N/A | \$1,141,932.00 | 1.19 | 18.374119 | -65.841466 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | La Cruz (RQ 5207) Calle Rodolfo Lopez Moca | \$934,274.00 | \$- | N/A | \$934,274.00 | 0.97 | 18.391439 | -67.11428 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Batey (RQ 5208) Carr. # 2, Km. 28.2 Bo. Espinosa Vega Alta | \$1,590,380.00 | \$- | N/A | \$1,590,380.00 | 1.66 | 18.410883 | -66.306308 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alegria Apartments (RQ 5209) Carr. # 861, Bayamón a Toa Alta Bo. Piñas, entrando por Carr. # 8 Urb. Miraflores Bayamón | \$1,145,892.00 | \$- | N/A | \$1,145,892.00 | 1.2 | 18.377126 | -66.195514 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Coquí (RQ 5210) Ave. Barbosa, Carr. Bayamón-Cataño Cataño | \$2,107,182.00 | \$- | N/A | \$2,107,182.00 | 2.2 | 18.438908 | -66.128122 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas Del Mabó (RQ 5211) Calle Corton, Frente al Mets Pavillion Guaynabo | \$1,106,138.00 | \$- | N/A | \$1,106,138.00 | 1.15 | 18.358971 | -66.113546 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Roberto Clemente (RQ 5212) Carr. # 860, Km. 2 Hm. 1 Bo. Marlin González Al lado Urb. Metropolis Carolina | \$1,277,980.00 | \$- | N/A | \$1,277,980.00 | 1.33 | 18.369189 | -65.978412 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Dominicos (RQ 5213) Carr. # 861, Bayamón a Toa Alta Entrando por Bo. Piñas Bayamón | \$23,100.00 | \$- | N/A | \$23,100.00 | 0.02 | 18.372806 | -66.207611 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Bella Vista Heights (RQ 5214) Carr. # 167, Km. 16.0 Carr. Bayamón a Comerio Entrando por Bayamón Country Club Bayamón | \$447,040.00 | \$- | N/A | \$447,040.00 | 0.47 | 18.347887 | -66.191322 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Reparto Valencia (RQ 5215) Urb. El Corfijo Bayamón | \$966,284.00 | \$- | N/A | \$966,284.00 | 1.01 | 18.395211 | -66.157407 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Santa Catalina (RQ 5214) Calle Yunquesito, al lado Lomas de Carolina Detrás Centro Judicial Carolina | \$1,326,820.00 | \$- | N/A | \$1,326,820.00 | 1.38 | 18.373364 | -65.947244 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Carolina Housing (RA 5217) Carr. # 860, Km. 1, Hm. 3 Bo. Marín González Al lado Vivero Obras Públicas Municipal Carolina | \$1,458,908.00 | \$- | N/A | \$1,458,908.00 | 1.52 | 18.37306 | -65.980385 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas de Sabana (RQ 5219) Carr. Sabana Seca a Toa Baja Pasando Bo. Ingenio, Frente Parque Base Naval Toa Baja | \$988,680.00 | \$- | N/A | \$988,680.00 | 1.03 | 18.434561 | -66.190083 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Martín (RQ 5220) Calle Natacion Juana Diaz | \$1,738,770.00 | \$- | N/A | \$1,738,770.00 | 1.81 | 18.054516 | -66.497137 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Quintas de Barceloneta (RQ 5223) Carr. PR-140, Km. 65.2 Cruce Dávila Barceloneta | \$664,950.00 | \$- | N/A | \$664,950.00 | 0.69 | 18.435063 | -66.561563 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Las Marias (RQ 5226) Carr. # 120, Bo. Maravillas Sur Calle Rosas Las Marias | \$611,556.00 | \$- | N/A | \$611,556.00 | 0.64 | 18.248558 | -66.994468 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Alturas de Adjuntas (RQ 5227) Carr. # 518, Bo. Saitillo Adjuntas | \$1,284,580.00 | \$- | N/A | \$1,284,580.00 | 1.34 | 18.157663 | -66.721548 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Naguabo Valley (RQ 5231) Calle Baldorioty Bda. Buenos Aires Naguabo | \$515,152.00 | \$- | N/A | \$515,152.00 | 0.54 | 18.209109 | -65.735939 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Rafael Martínez Nadal (RQ 5232) Carr. # 20, Int. Carr. # 177 Los Filtros, Cerca Gasolinera Esso Guaynabo | \$1,373,328.00 | \$- | N/A | \$1,373,328.00 | 1.43 | 18.363276 | -66.106761 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Reparto Horizonte (RQ 5235) Ave. Los Veteranos Yabucoa | \$132,000.00 | \$- | N/A | \$132,000.00 | 0.14 | 18.044585 | -65.883725 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines del Almendro (RQ 5236) Carr. # 750 Frente al Cementerio Municipal Maunabo | \$561,154.00 | \$- | N/A | \$561,154.00 | 0.59 | 18.01506 | -65.904372 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas de San Lorenzo (RQ 5237) Carr. 183, Hacia Bo. Florida Colinda con Urb. Ciudad Maso Salida San Lorenzo-Las Piedras San Lorenzo | \$409,156.00 | \$- | N/A | \$409,156.00 | 0.43 | 18.184591 | -65.956673 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vila Andalucía I (RQ 5238) Calle Ronda, Frente Bo. Cepero Rio Piedras San Juan | \$237,600.00 | \$- | N/A | \$237,600.00 | 0.25 | 18.386207 | -66.031555 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Mirador Apartments (RQ 5239) Caguas | \$1,884,124.00 | \$- | N/A | \$1,884,124.00 | 1.97 | 18.23095 | -66.05069 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Campo Verde (RQ 5240) Ave. Comerio Al Lado Brisas de Bayamón Bayamón | \$652,300.00 | \$- | N/A | \$652,300.00 | 0.68 | 18.41044 | -66.15691 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Flamboyán Gardens (RQ 5241) Ave. Los Flamboyanes Int. Calle Post Mayagüez | \$1,399,618.00 | \$- | N/A | \$1,399,618.00 | 1.46 | 18.182542 | -67.146912 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vila Andalucía II (RQ 5242) Calle Ronda, Frente Bo. Cepero Rio Piedras San Juan | \$1,181,004.00 | \$- | N/A | \$1,181,004.00 | 1.23 | 18.385135 | -66.031576 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Visitas de Atenas (RQ 5243) Carr. # 2, Km. 46.2 Manatí | \$966,218.00 | \$- | N/A | \$966,218.00 | 1.01 | 18.430271 | -66.479441 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Park Court (RQ 5244) Calle Maracaibo, Urb. Park Court Rio Piedras San Juan | \$792,154.00 | \$- | N/A | \$792,154.00 | 0.83 | 18.388102 | -66.043985 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Parque Sultana I (RQ 5245) Calle Tenerife Final Mayagüez | \$518,716.00 | \$- | N/A | \$518,716.00 | 0.54 | 18.168106 | -67.136395 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Parque San Agustín (RQ 5246) Calle San Agustín Puerta de Tierra San Juan | \$1,473,538.00 | \$- | N/A | \$1,473,538.00 | 1.54 | 18.464689 | -66.101938 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Canas Housing (RQ 5248) Ave. Las Américas Final Ponce | \$461,648.00 | \$- | N/A | \$461,648.00 | 0.48 | 18.005101 | -66.641664 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Cidra Housing (RQ 5249) Ext. Villa del Carmen L-9 Calle 8 (Final) Cidra | \$336,864.00 | \$- | N/A | \$336,864.00 | 0.35 | 18.169261 | -66.154546 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Mayagüez Housing I (RQ 5250) Calle Carrau # 110 Bo. Río Hondo Mayagüez | \$2,078,142.00 | \$- | N/A | \$2,078,142.00 | 2.17 | 18.182435 | -67.141958 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Florida Housing (RQ 5251) Calle Ernesto Gonzalez, Florida Florida | \$703,560.00 | \$- | N/A | \$703,560.00 | 0.73 | 18.3623 | -66.573 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Robles (RQ 5252) Calle Dr. González Norte Detrás Urb. Monte Mar Aguada | \$827,970.00 | \$- | N/A | \$827,970.00 | 0.86 | 18.384857 | -67.186542 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Loma Alta (RQ 5253) Carr. 860, Antigua Carr. Carolina-Trujillo Alto Bo. Martín González Al lado Parcelas Loma Alta Carolina | \$193,116.00 | \$- | N/A | \$193,116.00 | 0.2 | 18.375328 | -65.987888 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Mayagüez Housing II (La Arboleda) (RQ 5254) Calle Alona, Sultana Park Mayagüez | \$909,744.00 | \$- | N/A | \$909,744.00 | 0.95 | 18.170708 | -67.144812 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Estancias de Santa Isabel (RQ 5255) Carr. 153 Km. 0 Hm. 9 Santa Isabel | \$479,358.00 | \$- | N/A | \$479,358.00 | 0.5 | 17.978983 | -66.408707 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ext. La Granja (RQ 5256) Bda. Borinquen, Calle L (Final) Caguas | \$449,658.00 | \$- | N/A | \$449,658.00 | 0.47 | 18.229128 | -66.041763 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Golden View (RQ 5258) Bo. Baramaya Calle Vista Dorada Ponce | \$434,192.00 | \$- | N/A | \$434,192.00 | 0.45 | 18.00465 | -66.647341 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Cooper View (RQ 5259) Bo. Baramaya Calle Vista Dorada Ponce | \$1,261,436.00 | \$- | N/A | \$1,261,436.00 | 1.32 | 18.005853 | -66.646827 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Silver Valley (RQ 5240) Bo. Baramaya Calle Vista Dorada Ponce | \$558,272.00 | \$- | N/A | \$558,272.00 | 0.58 | 18.005065 | -66.64803 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Perla del Bucana (RQ 5261) Calle Villa Final Frente Esc. Olimpo Otero Ponce | \$1,353,154.00 | \$- | N/A | \$1,353,154.00 | 1.41 | 18.010189 | -66.634577 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Valles de Guayama (RQ 5264) Calle Arnaldo Bristol 100 Guayama | \$559,240.00 | \$- | N/A | \$559,240.00 | 0.58 | 17.974413 | -66.120775 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Hayuya II (RQ 5270) Calle Baltasar Colón #200 Jayuya | \$779,438.00 | \$- | N/A | \$779,438.00 | 0.81 | 18.222083 | -66.584295 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de la Nueva Puerta de San Juan I (RQ 5294) Calle Sicilia #15 Río Piedras San Juan | \$219,296.00 | \$- | N/A | \$219,296.00 | 0.23 | 18.415716 | -66.035013 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de la Nueva Puerta de San Juan II (RQ 5295) Calle Sicilia #15 Río Piedras San Juan | \$1,339,800.00 | \$- | N/A | \$1,339,800.00 | 1.4 | 18.415716 | -66.035013 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Colinas de Maricao (RQ 5300) Carr. 120, Bo. Pueblo Nuevo Maricao | \$495,858.00 | \$- | N/A | \$495,858.00 | 0.52 | 18.185149 | -66.981537 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | El Cemil II (RQ 5302) Carr. 193, Esq. Progreso Luquillo | \$907,830.00 | \$- | N/A | \$907,830.00 | 0.95 | 18.370595 | -65.713912 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Las Camelias (RQ 5304) Calle Zurana Esq. Vintager 419 San Juan | \$521,400.00 | \$- | N/A | \$521,400.00 | 0.54 | 18.406706 | -66.011369 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vivameri Apartments (RA 5304) Calle 16 Manatí | \$881,364.00 | \$- | N/A | \$881,364.00 | 0.92 | 18.422581 | -66.475903 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | San Sebastián Court (RQ 5307) Calle MJ Cabrero #82 San Sebastián | \$3,162,412.00 | \$- | N/A | \$3,162,412.00 | 3.3 | 18.33885 | -66.98917 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vistas de Isabela II (RQ 5309) Isabela | \$952,842.00 | \$- | N/A | \$952,842.00 | 0.99 | 18.48378 | -67.03368 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | César Coca González (RQ 5310) Carr. 997, Sector Las Marias Bo. Florida Vieques | \$295,350.00 | \$- | N/A | \$295,350.00 | 0.31 | 18.139167 | 65.443889 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Puerta de Tierra II (RQ 5311) Ave. Fernandez Juncos San Juan | \$2,537,260.00 | \$- | N/A | \$2,537,260.00 | 2.65 | 18.463599 | -66.099716 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Colinas del Expreso (RQ 5312) Carr. 129 Km. 21.9 Bo. Callejones Lares | \$764,830.00 | \$- | N/A | \$764,830.00 | 0.8 | 18.331045 | -66.851941 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vistas de Isabela I (RQ 5313) Isabela | \$564,960.00 | \$- | N/A | \$564,960.00 | 0.59 | 18.48429 | -67.03227 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Villas Beatriz (RQ 5314) State Road PR-1 Km 41.5, Ward Beatriz Cayey | \$1,058,200.00 | \$- | N/A | \$1,058,200.00 | 1.1 | 18.14503 | -66.10776 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Los Valles (RQ 5315) Bo. Hùcares, Carr #3 Km 65.4 Calle Cupey 135, Urb. Los Valles Naguabo | \$1,908,874.00 | \$- | N/A | \$1,908,874.00 | 1.99 | 18.200924 | -65.714401 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vareadas del Mar (RQ 5316) Car. 102, Km 15.6 Barrio Miradero Cabo Rojo | \$3,327,962.00 | \$- | N/A | \$3,327,962.00 | 3.47 | 18.10502 | -67.17655 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Monte Hatillo I (1-328) (RQ 7003) Calle Juan Peña Reyes Urb. Villa Prades Rio Piedras San Juan | \$1,047,618.00 | \$- | N/A | \$1,047,618.00 | 1.09 | 18.395108 | -66.012327 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Jardines de Monte Hatillo II (329-698) (RQ 7004) Calle Juan Peña Reyes Urb. Villa Prades Rio Piedras San Juan | \$1,591,678.00 | \$- | N/A | \$1,591,678.00 | 1.66 | 18.395108 | -66.012327 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Nemesio R. Canales (1-582) (RQ 7005) Ave. Roosevelt Entrando Cuartel General de la Policia San Juan | \$4,829,198.00 | \$- | N/A | \$4,829,198.00 | 5.04 | 18.420887 | -66.079152 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Nemesio R. Canales (583-1150) (RQ 7006) Ave. Roosevelt Entrando Cuartel General de la Policia San Juan | \$5,990,138.00 | \$- | N/A | \$5,990,138.00 | 6.25 | 18.420887 | -66.079152 | Hurricane Force Winds | |



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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Luis Llorens Torres (Providencia 1-842) (RQ 7007) Calle Loiza y Ave. Baldorioty de Castro San Juan | \$6,823,366.00 | \$- | N/A | \$6,823,366.00 | 7.12 | 18.448193 | -66.043402 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Luis Llorens Torres (E Medio 843-1722) (RQ 7008) Calle Loiza y Ave. Baldorioty de Castro San Juan | \$7,230,344.00 | \$- | N/A | \$7,230,344.00 | 7.54 | 18.448193 | -66.043402 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Luis Llorens Torres (Youth Center 1723-2610) (RQ 7009) Calle Loiza y Ave. Baldorioty de Castro San Juan | \$7,103,602.00 | \$- | N/A | \$7,103,602.00 | 7.41 | 18.448193 | -66.043402 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vista Hermosa I (1-310) (RQ 7010) Ave. San Patricio Subiendo Ave. de Diego San Juan | \$3,049,904.00 | \$- | N/A | \$3,049,904.00 | 3.18 | 18.392061 | -66.088305 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vista Hermosa II (311-594) (RQ 7011) Ave. San Patricio Subiendo Ave. de Diego San Juan | \$2,470,336.00 | \$- | N/A | \$2,470,336.00 | 2.58 | 18.392061 | -66.088305 | Hurricane Force Winds | |



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Proyectos Propuestos de Mitigación

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| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Vista Hermosa III (595 894) (RQ 7012) Ave. San Patricio Subiendo Ave. de Diego San Juan | \$3,271,070.00 | \$- | N/A | \$3,271,070.00 | 3.41 | 18.392061 | -66.088305 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ernesto Ramos Antonini (1- 420) (RQ 7013) Calle Ana Otero Final Rio Piedras San Juan | \$3,444,100.00 | \$- | N/A | \$3,444,100.00 | 3.59 | 18.409627 | -66.026201 | Hurricane Force Winds | |
| Administración de Vivienda Pública (AVP) | Agency | 08/13/20 | Roof Waterproofing Mitigation Project: This project will solve moisture accumulation, water intrusion and structural deterioration problems in existing roofs of the Puerto Rico Public Housing Authority projects, addressing also the health concerns and consequences of mold infestation, by replacing all the damaged waterproofing systems. It will also bring the projects to the latest code requirements and include all the additional roof waterproofing system components and characteristics such as wind uplift resistance, slope, drains, equipment supports, flashings, parapets, roof accesses, warranty stipulations, etc. Benefits: Increases the capability of the roof waterproofing system and all its components of the public housing projects residential and administrative/communal buildings to avoid moisture and water leaks. This work will protect against structural deterioration, corrosion, finishes and tenants belongings. It will also prevent mold infestation and its related unhealthy conditions and maladies, benefitting 49,679 families and their quality of life. Cost benefits will include less building repair costs and insurance claims, and the extension of the buildings' life cycles. Roofs of 302 public housing complexes will be modified under this mitigation project. | Ernesto Ramos Antonini (421- 864) (RQ 7014) Calle Ana Otero Final Rio Piedras San Juan | \$3,509,242.00 | \$- | N/A | \$3,509,242.00 | 3.66 | 18.409627 | -66.026201 | Hurricane Force Winds | |
| Autoridad del Distrito del Centro de Convenciones de Puerto Rico (ADCCPR) | Agency | 08/19/20 | Construction of an elevated walking bridge connecting Condado with New Bahia Urbana (Puerto de Tierra) Development over Ponce de León and Fernández Juncos Avenues, to allow for a safe pedestrian way, transitioning between these two commercially important areas. | Old San Juan City entrance | \$25,000,000.00 | Non identified so far | Non identified so far | \$25,000,000.00 | Est. 2,000 sq. mts. | 18°27'35.78"N | 66° 5'12.89"W | Human Caused | |
| Autoridad del Distrito del Centro de Convenciones de Puerto Rico (ADCCPR) | Agency | 08/19/20 | Construction of geometric improvements and asphalt Repavement/Resurfacing for all District access roads, to maximize visitor flow thru experience, while providing necessary infrastructure fore-route trucks handling shipping containers | Puerto Rico Convention Center District - Land formerly occupied by the Miramar Naval Base. Community with residential area, offices, shopping and entertainment establishments and facilities for civic or cultural activities. | \$20,000,000.00 | Non identified so far | Non identified so far | \$20,000,000.00 | 154 acres | 18°27'14.30"N | 66° 5'30.21"W | Human Caused | |
| Autoridad del Distrito del Centro de Convenciones de Puerto Rico (ADCCPR) | Agency | 08/19/20 | Design and Construction of two (2) new multi-story parking buildings for the Convention Center District, to allow space maximization that will positively impact visitor experience | Puerto Rico Convention Center | \$20,000,000.00 | Non identified so far | Non identified so far | \$20,000,000.00 | 15.4 acres | 18°27'7.33"N 18°27'15.27"N | 66° 5'28.50"W 66° 5'38.12"W | Human Caused | |
| Autoridad del Distrito del Centro de Convenciones de Puerto Rico (ADCCPR) | Agency | 08/19/20 | General Infrastructure Capital Improvement Projects that will allow further updating and evolution of the five entertainment venues owned by the PRGIDA, positively impacting the visitors experience and most important, the socio economic industry, with a highlight on tourism | Puerto Rico Convention Center District owned real state (i.e Convention District, Convention Center, Coliseo de PR, Antiguo Casino & Bahia Urbana Park) | \$50,000,000.00 | Non identified so far | Non identified so far | Est. \$50,000,000 | Est. 250 acres | 18°27'14.30"N 18°27'57.91"N 18°25'40.38"N 18°27'48.82"N | 66° 5'30.21"W 66° 641.07"W 66° 5'40.79"W 66° 6'24.73"W | Multi-Hazard Mitigation | |
| Autoridad del Distrito del Centro de Convenciones de Puerto Rico (ADCCPR) | Agency | 08/19/20 | Lot 4 (West) LED and Asbestos Remediation and Structures Demolition to allow for new developments positively impacting socio economic industry, with a highlight on tourism | Puerto Rico Convention Center District - Land formerly occupied by the Miramar Naval Base. Community with residential area, offices, shopping and entertainment establishments and facilities for civic or cultural activities. | \$5,000,000.00 | Non identified so far | Non identified so far | \$5,000,000.00 | Est. 15 acres | 18°27'8.66"N | 66° 5'41.14"W | Multi-Hazard Mitigation | |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Adquisición de solar de la ACTI de aproximadamente 4200mc de cobada para residentes en áreas de reajojo o cuyas viviendas son vulnerables a eventos naturales. Se estima se podrá proveer unas 15 unidades de vivienda en hilera o duplex de unos 1000pc. Se estima beneficiaria a 50 residentes de Cantera. | Calle Constitución, área central de Cantera, San Juan,PR. Ver coordenadas. | \$4,575,000.00 | \$0.00 | \$0.00 | \$4,575,000.00 | Solar con area aproximada de 4200mc. Total estimado de viviendas en hilera o duplex en solar R-4 con 15 casas de unos 1000pc de hormigon y bloques | 18.43205 | -66.0406 | Multi-Hazard Mitigation | Requiere la compra de solar a la ACTI, la provision de mejoras a la infraestructura y mejoras de accesos existentes. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|---|
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Construcción de Paseo lineal al Norte de la península de Cantera para terminar sistema de ciclovación externa de la Península de acuerdo a secciones de Paseo Lineal de 890 mts lineales con sección de 18.82 metros. Mejorar acceso de vehículos de mantenimiento y emergencias así como a los residentes. También delimitará la zona marítima terrestre e inundable del área. | Norte de la Península de Cantera, San Juan, PR. | \$9,500,000.00 | \$0.00 | \$0.00 | \$9,500,000.00 | 890 metros lineales de carretera con una sección de 18.82 mts que protegera la Zona Marítima Terrestre y Zona Inundable. | 18.43651 | -66.04438 | Multi-Hazard Mitigation | Mejorar las condiciones en la Zona Marítima Terrestre e inundable mejorando los sistemas de disposición de aguas de escorrentía y el alcance de vehículos de servicios regulares así como para atender emergencias. |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Construcción del Paseo Lineal al Sur de la Península de Cantera para mejorar la disposición de aguas de escorrentía, relocalizar líneas eléctricas de 115kv que actualmente pasan por el centro de las barriadas y proveer acceso para servicios de mantenimiento y respuesta a emergencias necesarias para la comunidad (actualmente los accesos son de tamaño que no aceptan vehículos grandes o sencillamente no tienen acceso). También provee acceso para mantenimiento al CMP en su estado actual y cuando se finalice su canalización. Población beneficiada directamente 5,000 en Cantera, mas de 1,000,000 indirectos en zona metropolitana por la relocalización de líneas de transmisión. | Barrio Cantera, San Juan, Puerto Rico. Colindancia Sur de la Península con el caño Martín Peña y Norte del Caño Martín Peña. Sectores/Guano, Santa Elena, Corea, Condadita Final, Bravos de Boston y Ullino Chance | \$15,000,000.00 | \$0.00 | \$0.00 | \$15,000,000.00 | 1100 metros con una sección de calle de 18.82 mts mas area de mitigación de mangles por trabajos de canalización del CMP. | 18.42905 | -66.04135 | Multi-Hazard Mitigation | El proyecto no solo resolvera problemas de disposición de aguas de escorrentía, sino que también proveera accesos y egresos a los vecinos del area para atender situaciones de mantenimiento y respuesta a emergencias. El mismo complementara los acuerdos de mitigación con el COE y el concepto desarrollado como Paseo lineal para el paso de infraestructura crítica y mejoras ambientales necesarias. |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Mejoras a los sistemas pluviales y charcas de retención existentes en los sectores Guano, Santa Elena y entrada principal de Cantera. Estos mejoraran la disposición de aguas de escorrentías y la capacidad de resiliencia del area en general. Se estima podrá impactar una 20000 personas directamente. | Intersección ave. Barbosa y Rexach en la entrada principal de Cantera. Final calle Villa Real en el sector Guano. Cantera, San Juan, PR. | \$1,200,000.00 | \$0.00 | \$0.00 | \$1,200,000.00 | Area estimada de charca en entrada Cantera es de 6 acres y la de Guano .80 acres | 18.43317 | -66.04293 | 100-year flooding | Recuperar y mejorar sistemas de disposición de aguas de escorrentía en solares existentes que presentan en forma natural la retención de aguas de las cuencas del area. |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Realojó de familias y demolición de aproximadamente 25 familias que ubican en la Zona Marítima Terrestre y zona de inundación de 100 años según planos de FEMA. Estos realojos y demoliciones permitirán la construcción del Paseo lineal al Sur de la Península de Cantera (ver PPC.2.2020) en cumplimiento con el proyecto de canalización del caño Martín Peña por parte de Cuerpo de Ingenieros y ENLACE (Cantera forma parte del G-8 y su ley creadora). Población directamente afectada aproximadamente 88 personas (3.5 hab/vivienda) mas unos 4000 residentes al Sur de la Península. | Barrio Cantera, San Juan, Puerto Rico. Colindancia Sur de la Península con el caño Martín Peña y Norte del Caño Martín Peña. Sectores Santa Elena, Corea, Condadita Final, Bravos de Boston y Ullino Chance | \$2,500,000.00 | \$0.00 | \$0.00 | \$2,500,000.00 | 25 estructuras a lo largo de aproximadamente 1025 metros de largo de colindancia con el Caño Martín Peña | 18.42905 | -66.04135 | Multi-Hazard Mitigation | La CIDPC comenzó este proyecto con fondos propios, incluyó cerca de 225 realojos, pero faltaron los últimos 25 por realizar al recortarse las líneas de crédito asignadas a través del BGF. También el proyecto permitirá la construcción del Paseo Lineal al Sur de la Península (PPC.2.2020) en cumplimiento con el plan de desarrollo del CMP entre ENLACE, COE y otras agencias. |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Realojos y demoliciones al Norte de la Península de Cantera de aproximadamente 50 viviendas ubicadas en la zona marítima terrestre y en zona inundable. Población impactada directamente 175 mas unos 4000 vecinos colindantes con el area. | Sector Los Pinos, Barrio Cantera, San Juan, PR. Al Norte de la península de Cantera en colindancia con la laguna Los Corozos. | \$5,000,000.00 | \$0.00 | \$0.00 | \$5,000,000.00 | 50 estructuras a lo largo de aproximadamente 350 metros lineales de costa con la laguna San Jose. | 18.43685 | -66.03901 | Multi-Hazard Mitigation | Este proyecto realojara 50 familias cuyas viviendas están ubicadas en la zona marítima terrestre de la laguna San Jose y en zona inundable. Permitirá la construcción de la calle perifera Norte (ver PPC.4.2020) para brindar acceso a vehículos que dan servicios normales y en momentos de emergencias a los restantes miembros de la comunidad |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Reconstrucción de calles centrales y al norte de la península de Cantera. Las calles están completamente deterioradas dificultando el acceso de todo tipo de tráfico. Sus sistemas pluviales no tienen la capacidad de manejar aguaceros con periodos de recurrencia de 100 años y están obstruidos, colapsados y asentados por problemas de terrenos inestables, población beneficiada directamente 10,000 mas 10,000 en Barrio Obrero y otras areas colindantes. | Cantera, San Juan, PR. Calles Constitución y "A", Norte Sur, Eduardo Conde y Calle "C". | \$10,200,000.00 | \$0.00 | \$0.00 | \$10,200,000.00 | 3200 metros lineales de calles a reparar y restaurar sistema pluvial | 18.43258 | -66.03885 | Multi-Hazard Mitigation | Rediseñar y reconstruir sistemas pluviales existentes y reconstruir calles en donde se realicen los trabajos. |
| Compañía para el Desarrollo Integral de la Península de Cantera (CIDPC) | Agency | 08/17/20 | Reconstrucción de viviendas ubicadas en zona inundable para que puedan estar en consonancia con los códigos de edificación y en cumplimiento con requisitos de seguros. Programa piloto de 30 casas. Requiere evaluar viabilidad estructural y económica de las mejoras. Se espera sirva como modelo para futuras mejoras en otros hogares así como para otros sectores de la zona y PR. | Cantera, San Juan, PR | \$1,750,000.00 | \$0.00 | \$0.00 | \$1,750,000.00 | Mejoras estructurales a 20 viviendas en la península de Cantera para que queden en cumplimiento con los códigos de edificación y requisitos de seguros. | 18.43258 | -66.03885 | Multi-Hazard Mitigation | Programa piloto que requiere la identificación de viviendas que cumplan con la posibilidad de ser mejoradas o reconstruidas in situ. Se espera el proyecto sirva para educar a contratistas locales en las mejores practicas de construcción de acuerdo al código de construcción de PR. |
| Departamento de Transportación y Obras Públicas de Puerto Rico (DTOP) | Agency | 07/22/20 | Compliance Activities with Consent Decree Case 3:14-cv-1474-CCC for violations of the Clean Water Act (CWA) and MS4 Permit | Within the boundaries of the Municipality of San Juan | \$70,000,000.00 | \$0.00 | None | \$70,000,000.00 | 199.3 km.2 | 18°23' - 03.51" | 66° - 03'-44.43" | | See attachments |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Anasco, Ajles & Daguey Flood Retention Ponds. This project will increase capacity of the Ajles&Daguey Flood Retention Ponds. This two phases project will mitigate flooding and will include an A&E and H&H studies to determine needed capacity increase for flood control as well as soil stabilization retrofit to 8 retention ponds and levees. This project will mitigate flooding along with facilities provide essential flood protection to 14,000 people, industries, critical facilities and commerce. | Ajles & Daguey Flood Retention Ponds, Piñales ward, PR-402, PR-115, Anasco 18.299076, -67.167379; 18.297866, -67.177412; 18.298174, -67.183760; 18.297907, -67.185385; 18.298450, -67.188730; 18.296481, -67.191572; 18.287589, -67.184989 (8 Retention Ponds areas) | \$14,500,000.00 | | | \$14,500,000.00 | | 18.299076 | -67.167379 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Arecibo, Rio Grande, Hydrology & Hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage pipes that cross the levees, leveling/settlement) and studies to determine the hydraulic capacity of the land channels that manage the runoff water. Topography studies are required to evaluate alternatives to repair settlements in the top of the levees. The potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of this products in the erosion area and leveling work the top of the levees. This Project protects 150,000 people, public & private structures of Arecibo. | Barrio San Francisco, PR-22/ PR-10/ PR6652 The Rio Grande de Arecibo Flood Control Project in Arecibo have four levees and two channels. | \$2,000,000.00 | | | \$2,000,000.00 | | 18.452066 | -66.722985 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Bayamon river -GuaynaboRiver Along the Bayamon's Golf Court. Hydrology & hydraulic, geomorphic and other studies are required to be able to determine what type of mitigation is necessary to establish, to address problems of flooding, undermining and erosion, which puts resident's lives at risk and impacts electrical energy infrastructure and supply water as a result of a water intake build in the riverbed. The potential project to be developed, will include construction for a new design of water intake, green infrastructure, gravity walls, slope revetments, rip rap, gabions or a combination of these products in the erosion area. The project will mitigate flooding of critical facilities and protects the life and property of more than 30,000 people and public structures. | Rio Bayamón-Río Guaynabo confluencia. Impaired stream restoration erosion and drought. | \$15,000,000.00 | | | \$15,000,000.00 | | 18.374728 | -66.134886 | 100-year flooding | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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|--|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|---|--|
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Cabo Rojo, Tuna Creek. This project is intended to be increase capacity the channel into confluence of the Tuna Creek channel with that Mendoza Creek Channel in Cabo Rojo City. The Tuna Creek Channel needs increase the capacity flood discharge into Mendoza Channel. Hydrological Hydraulic studies are necessary for evaluate a 100-year rain event to the flood mitigation project in the Mendoza Creek. Design and work plan and final estimated cost required. Hydrological & Hydraulic studies are necessary for evaluate a 100-year rain event to the flood mitigation project in the Tuna Creek. Acquisition land, design and work plan and final estimated cost required. The proposed project consists in the widening of a segment of Tuna Creek to Mendoza Creek and reduce flooding to the communities located west of the creek. The potential project to be developed will includes land acquisition, levees and the increase capacity of channel, as a second stage, the construction of the project. These facilities provide essential protection flood for the 8,000 people and properties in the center of Cabo Rojo City. | Tuna Creek, Cabo Rojo PR-102, Rios Rivera Street | \$1,000,000.00 | | | \$1,000,000.00 | | 18.087188 | -67.148811 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Caguas, Rio Turabo en Villas del Rey. The Villa del Rey Flood Mitigation Project is a channel of 248 meter along in the Turabo River to the protection of Villas del Rey Community in Caguas City. Studies are required to development a stabilization slope project. Potential project to be developed will include green infrastructure, gravity walls, slope revetments, gabions or a combination of these products. Design, work plan and estimated final cost are required. As a second stage, the construction of the project. The Villa del Rey Flood Project protects the life and property of more than 300 people | PR-1, Buckingham Street Villas del Rey Caguas | \$800,000.00 | | | \$800,000.00 | | 18.208079 | -66.044066 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Canóvanas, Rio Grande de Loiza & Rio Canóvanas Flood Damage Reduction. The Flood Damage Reduction Project of the Rio Grande de Loiza and Rio Canóvanas will mitigate floods by means of flood risk reduction measures. This phases project will mitigate flooding and will include A&E and H-H studies, Geomorphologic study, acquisitions to determine needed for increase of capacity for storing storm water runoff for flood control. It would involve levee, floodwalls, Diversion channels, structure relocation. This project will mitigate flooding of 2,700 residences of San Isidro community with protection to Public & Private facilities, commerces, Industrial properties, roads access electric lines, water lines from flood risks during periods of heavy rain and especially during hurricane season. | Rio Grande de Loiza & Rio Canóvanas Flood Damage Reduction, PR-188, San Isidro Ward | \$55,000,000.00 | | | \$55,000,000.00 | | 18.388169 | -65.902329 | Multi-Hazard Mitigation | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Carolina - Cauce del Rio Grande de Loiza. The Flood Mitigation Plan of the Rio Grande de Loiza needs new studies for update its designs for a 100-years rain event. It is necessary to update the hydraulic hydrological studies todate the design of the Flood Mitigation Project in the Rio Grande de Loiza Basin for the projects (Contracts D,E,F,G,H,I) and for the project build whose designs do not meet a 100-years rain event (Contracts A and C). Potential projects to be developed include the contruccion of levees , dry spillways, bridge removal , land channels, acces to roads , improvements to channels and reconstruction of levees. Final cost estimates, designs and work plan are required. As a second stage the construction of the project. | Rio Grande de Loiza Watershed, in the North - Central Region of Puerto Rico, is the largest on the island, with an area of 289.9 square miles | \$80,000,000.00 | | | \$80,000,000.00 | | 18.381156 | -65.950582 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Cayey, Guavate river, Urb. Estancias de Monte Rio, Urb. Terra, Urb. Sierra Real, Urb. Estancias de Beatriz Cayey. The Communities Estancias de Monte Rio, Terra Sierra Real, Estancias de Beatriz and Others in the Cayey City have been subject of floods from Rio Guavate even during recurrent elevations to levels below the floor elevation of the affected housing units. Estancias de Monte Rio is located adjacent to Rio Guavate; and according to the regulatory flood maps, the northern portion of the development is located in this river' flood plain. Hydrological hydraulic studies are necessary for evaluate a 100-year rain event to the flood mitigation project in the Guavate River. Acquisition land, design and work plan and final estimated cost required. The potencial project to be developed, will includes levees and channels. As a second stage, the construction of the project. These facilities provide essential Flood protection for 800 people in the communities neighborhood in Cayey City. | Cayey, Guavate river, Urb. Estancias de Monte Rio, Urb. Terra, Urb. Sierra Real, Urb. Estancias de Beatriz Cayey | \$15,000,000.00 | | | \$15,000,000.00 | | 18.12928 | -66.1107 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Caño Santiago Watershed, Yabucoa. The project consists of an A&E, H&H studies, construction of retention basins, upgrading culverts to prevent flooding problems. It is necessary lands acquisition to increase the flood catch basin that will mitigate the flood risks during periods of heavy rain and especially during hurricane season. The Caño Santiago watershed presents flooding problems that cause damages to homes and business and present a life safety threat to the residents living within flood prone areas of the municipality. Additionally, floodwaters obstructing mayor roadways during these flooding events are preventing Municipality residents access to medical and other emergency facilities by making the roads in and out of the hospital impassable. | Caño Santiago Watershed, Between PR-182 & PR-901, Yabucoa, The Town of Yabucoa is experiencing flooding problems. The Caño Santiago Project will provide increase capacity to flood risk reduction. | \$2,000,000.00 | | | \$2,000,000.00 | | 18.045343 | -65.876666 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Caño Tiburones, Arecibo, Barceloneta, Manati. Purchase approximately 3,290 acres about 47% of Caño Tiburones original extension, that currently wetlands, part of the Rio Grande de Manati floodway and owned by Puerto Rico Land Authority that will protect federal investment in USACE flood control projects. The lands to be purchased will be integrated as part of the nature reserve to guarantee the functions and extraordinary value of these lands for flood control and groundwater protection. It is necessary lands acquisition to increase the flood catch basin that will mitigate flood risks. Caño Tiburones wetland has important functions for flood protection in the Arecibo/Barceloneta /Manati area with close to 100,000 inhabitants and important critical facilities such as hospitals, wastewater facilities of regional importance. Flood Control projects, built by the USACE were designed with the Caño Tiburones as an open are where floodwaters spread out after being constrained by levee upstream. The natural water levels of Caño Tiburones also play a very important role in protecting the region' groundwater supply. | Caño Tiburones wetland Arecibo, Barceloneta, Manati. | \$20,000,000.00 | | | \$20,000,000.00 | | 18.477225 | -66.628282 | 100-year flooding | |



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Proyectos Propuestos de Mitigación

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|--|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Cibuco River, Coínas del Marques y Villa Real, in Vega Baja. Hydrology & Hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage pipes that cross the levees, leveling (settlement) and studies to determine the hydraulic capacity of the land channels that manage the runoff water. Topography studies are required to evaluate alternatives to repair settlements in the top of the levees, the potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of these products in the erosion area and leveling work the top of the levees. | The Rio Cibuco Flood Control Project in Vega Baja Have two levees (East Levee of 766.8 meters along and north levee of 1380 meters along) and two drainage area (117,359.23 square meters and 250 square meters. | \$1,500,000.00 | | | \$1,500,000.00 | | 18.456467 | -66.387785 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Guayanilla, Desembocadura del Rio Guayanilla. Hydrology & hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage pipes that cross the levees, and leveling (settlement) studies to determine the hydraulic capacity of the land channels that manages the runoff water. Topography studies are required to evaluate alternatives to repair settlements in the top of the levees. The potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of these products in the erosion area and leveling work the top of the levees. This projects protects 20,000 peoples ,public & private structures. | The Rio Guayanilla Flood Control Project in Guayanilla a levee of 1,600 meters along a land Channel of 1,600 meters along.*A second stage, the construction of the project. | \$1,500,000.00 | | | \$1,500,000.00 | | 18.007801 | -66.779109 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Hondo River, Mouth of Rio Hondo River, Toa Baja. Hydrology & Hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage of the land channel that manage the runoff water, the potential project to be developed, will include green infrastructure, gravity walls, slope revetments, rip rap, gabions or a combination of this products in the erosion area. Final costs estimated, design and work plan are required. As a second stage, the construction of the project. The Hondo River Flood Control Project protects the life and properties of more than 60,000 people, public & private structure. | The Rio Hondo Flood Control Project in Toa Baja,Cataño and Bayamon municipalities has approximately 3,350 meters along on land. | \$2,000,000.00 | | | \$2,000,000.00 | | 18.450188 | -66.162493 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Humacao, PR-3, Rio Antón Ruiz Flood Control Project will provide increase capacity to flood risks reduction. This project will increase capacity and slope stabilization. This phase project will mitigate flooding and will include an H&H study, Pipes Studies, Settlement Studies, Seismic Studies, Soil Studies to determine needed for increase of capacity for flood control. This project will mitigate flooding of Punta Santiago and Urb. Verde Mar providing essential flood protection to 1,300 families, Public & Private facilities, bridges, roads. | Rio Antón Ruiz, PR-3, Urb. Punta Santiago, Urb. Verde Mar | \$3,500,000.00 | | | \$3,500,000.00 | | 18.167423 | -65.75292 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Jayuya, Rio Jayuya. The communities along of the Rio Jayuya is experiencing flooding problems. The Rio Jayuya Project will provide increase capacity to flood risk reduction. The project consists of an A&E, H&H studies, soil study, erosion protection, Geomorphic Assessment to determine need to increase the capacity of storing storm water runoff for flood control. In a 5-mile segment of the Rio Jayuya, this project will mitigate flood risks during periods of heavy rains and especially during hurricane season. This project will mitigate flooding at Vega Linda Sector, Mattei Residential and others sectors on both sides of the river with protection to Public & Private facilities, industrial facilities, commerce, power lines, water lines, critical bridges and roads access from flood risks.The erosion of the river caused the collapse of a segment of the street and a house. | Rio Jayuya, PR-144, Los Maestros Detour, Vega Linda Sector, Mattei Residential Jayuya | \$17,000,000.00 | | | \$17,000,000.00 | | 18.217986 | -66.589887 | Multi-Hazard Mitigation | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Los Muertos Creek, San Juan. Hydrological hydraulic studies are necessary for evaluate a 100-year rain event to the flood mitigation project in the Los muertos Creek. Acquisition land, design and work plan and final estimated cost required. The potential project to be developed, will include levees and increase capacity of channel. As a second stage, the construction of the project. This area is outside of the scope project of USACE Rio Puerto Nuevo. Every day provides protection to over 10,000 people and public properties | Los Muertos Creek, San Juan This project is a Flood Mitigation to protect the Escuela de Derecho de la Universidad Interamericana, Departamento de Educación Oficina Central and a Industrial zone in San Juan City. | \$15,000,000.00 | | | \$15,000,000.00 | | 18.429983 | -66.074053 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Luquillo, Rio Pitahaya Flood Control & Stream Restoration, Urb. Alamar. This project will increase capacity and stream restoration of Rio Pitahaya. Phase 1: will include A&E and H&H studies and Geomorphic Assessment. Phase 2: will include soil stabilization, stream restoration, erosion protection, increase capacity of culverts, bridges, implementation of design, acquisition. This project will mitigate flooding communities along with protection to Public and Private, critical facilities (bridges, roads, electric lines, shelters, etc). | Rio Pitahaya Flood Control & Stream Restoration, Urb. Alamar, PR-992 | \$20,000,000.00 | | | \$20,000,000.00 | | 18.366577 | -65.718263 | Multi-Hazard Mitigation | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Quebrada La Mina, PR-997 beside SunBay Beach in Vieques. Hydrological Hydraulic studies are necessary for evaluate a 100-year rain event to the flood mitigation project in the La Mina Creek. Design and work plan and final estimated cost required. The potential project to be developed, will include levees and increase capacities in the channel. As a second stage, the construction of the project. To Protect the people in the recreational camping area and facilities of SunBay beach for the security and enjoyment of local and international tourism. Its improves the localeconomy, wich depends solely on tourism | A flood mitigation in the La Mina Creek Proposed to protect the camping area and recreational facilities of SunBay Beach in the Municipality of Vieques. | \$600,000.00 | | | \$600,000.00 | | 18.096055 | -65.466845 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Quebrada Mabu, Humacao. The Mabu Creek runs in a North-South direction, crossing the Northwest sector of the Humacao town, crossing under the bridge on Carr PR-3 and finally flowing into the Humacao River Channel. Diring its continuous floods and overflows it produces considerable damage to the property and socioeconomic development of the municipality of Humacao. The Flood Mitigation Plan of the Mabu Creek needs new studies for update its design for a 100-years rain event. Hydrological hydraulic studies are necessary for evaluate a 100-year rain event the flood mitigation project in the Mabu Creek. Acquisition land, design and work plan are required. The potential project to be developed, will include a concrete canal of 2.26 km in length, a trapezoidal channel on land of 327 meters, seven rectangular box culverts to replace bridges along the channel, a sedimentation vessel. As a second stage, the construction of the project. These facilities provide essential protection flood for more than 30,000 people, public infrastructure properties public facilities the citizen and properties in the communities neighborhood in Humacao City. | Road 924, Urb. Jardines de Humacao, quebrada Mabu. The Mabu Creek runs in a North-South direction, crossing the Northwest sector of the Humacao town, crossing under the bridge on Carr PR-3 and finally flowing into the Humacao River Channel. | \$30,000,000.00 | | | \$30,000,000.00 | | 18.1531 | -65.821927 | 100-year flooding | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Rio Fajardo Flood Control Project. Hydrology & hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage pipes that cross the levees, and leveling (settlement) studies to determine the hydraulic capacity of the land channels that manages the runoff water. Topography studies are required to evaluate alternatives to repair settlements in the top of the levees. The potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of these products in the erosion area and leveling work the top of the levees. As second stage. | The Rio Fajardo Flood Control Project in Fajardo have two levees; of 220 meters along each. Punta Fajardo levees and Santa Isidra Levees. Latitude - 18.327848, Longitude -65.639989 of Santa Isidra Levee | \$1,500,000.00 | | | \$1,500,000.00 | | 18.327729 | -65.632551 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Rio Grande de Arecibo. Rio Grande de Arecibo Flood Control increase capacity project and slope stabilization. This phases project will mitigate flooding and will include an H-H study, pipes studies, Settlement studies, soil study to determine needed for increase of capacity for flood control. These project will mitigate flooding along with facilities provide essential flood protection to 1,300 people.Public & Private facilities, bridges, roads from risks if it fails. | Rio Grande de Arecibo | \$1,200,000.00 | | | \$1,200,000.00 | | 18° 27.127' N | -66° 43.371' W | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Rio Grande de Manatí. The river crosses several municipalities: Orocovis, Morovis, Ciales, Florida, Corozal, Manatí, Baranquitas, Barceloneta. Hydrological-hydraulic study is required to determine the flood levels of a 100-year rain event and propose the alternatives to mitigate such flood along the river, with greater interest in the El Cachete Sector in Barceloneta and Dos Rios Sector in Ciales. Acquisition land, design, work plan and final cost estimated are required. The potential project to be developed will include retention ponds, flood walls, bridge construction on PR-666 and PR-667 in agreement with the Authority of Roads and Transportation, widening of the river, earth dike, concrete walls, concrete channels. The Proposed Rio Grande de Manatí Flood Control Project protects the life and property of more than 180,000 people and public structures. | Rio Grande de Manatí. The river crosses several municipalities: Orocovis, Morovis, Ciales, Florida, Corozal, Manatí, Baranquitas, Barceloneta. The Rio Grande de Manatí Watershed, in the North and Central Regions of Puerto Rico, is the fourth largest in the island, while the river is the third in length. | \$18,000,000.00 | | | \$18,000,000.00 | | 18.421297 | -66.510156 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Rio Puerto Nuevo – Bechara Middle Section & Bechara ZAA Flood Control Project. This phase project will mitigate flooding and will include A&E and H-H studies, to determine needed for increase of capacity for storing storm water runoff for flood control. This project will mitigate flooding of Bechara Sector with protection to multiple Public & Private facilities, commerces. Industrial properties, roads access, critical bridges, electric lines, water lines from flood risks during periods of heavy rain and especially during hurricane season | This project Rio Puerto Nuevo –Bechara Middle Section & Bechara ZAA will mitigate floods by means of flood risk reduction. Latitude: 18.425899; Longitude: -66.093429 – Bechara | \$1,200,000.00 | | | \$1,200,000.00 | | 18.427224 | -66.095391 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Rio Grande de Añasco. The Rio Grande de Añasco watershed is the largest basin draining towards the Western coast of Puerto Rico and its valleys are affected by floods that impact roads, residential sectors, industrial sectors, commercial sectors and agricultural sectors. A hydrological – hydraulic study is required to determine the flood levels of a 100-year rain event and propose the alternatives to mitigate such flood along the river. A second stage must contemplate the design of the flood control project and the construction. The Flood Control Project for the Rio Grande de Añasco Basin will protect the life and property of around 160,000 people and can bring other benefits and safety to more than 50,000 additional people, who visit the area daily. | Las Marias , Maricao, Lares, Mayagüez, Añasco, Adjuntas, San Sebastián, Rincón y Yauco municipalities | \$40,000,000.00 | | | \$40,000,000.00 | | 18.247679 | -67.073129 | Multi-Hazard Mitigation | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | San German. Across PR-102,PR-122 & PR-347. Hydrology & Hydraulic studies are required to determine the slope eroding situation, increase capacity of the land channels that manage the runoff water. Final cost estimate, work plan and studies are required. The potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of this products in the erosion area. As a second stage, the construction of the project. | The Rio Guanajibo Flood Control Project in San German Have four land channels, one with 300 meters along, two with 200 meters along and one with 400 meters along . | \$500,000.00 | | | \$500,000.00 | | 18.075867 | -67.007298 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | The Guanajibo River Flood Control Project in Hormigueros City. Hydrology & Hydraulic studies are required to determine the slope eroding situation and increase capacity of the land channels that manage the runoff water. Final cost estimated, work plan and studies are required. The potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of this products in the erosion area. As a second stage, the construction of the project. This Project protects 10,000 people and public structures | The Guanajibo River Flood Control Project in Hormigueros City Have a land channel of 200 meters along. | \$500,000.00 | | | \$500,000.00 | | 18.141479 | -67.149628 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | The Guanajibo River Flood Control Project in Sabana Grande City. Hydrology & Hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage pipes that cross the levees, leveling (settlement) and studies to determine the hydraulic capacity of the land channels that manage the runoff water. Topography studies are required to evaluate alternatives to repair settlements in the top of the levees. The potential project to be developed, will include green infrastructure, gravity walls, slope revetments, gabions or a combination of this products in the erosion area and leveling work the top of the levees. This Project protects 45,000 people and public structures | The Guanajibo River Flood Control Project in Sabana Grande City Have a Levees of 2,704 meters along | \$3,000,000.00 | | | \$3,000,000.00 | | 18.070335 | -66.955036 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Toa Baja Mouth of the Bayamon River. Hydrology & Hydraulic studies are required to determine the slope eroding situation, increase capacity of drainage of the land channel that manage the runoff water, the potential project to be developed, will include green infrastructure, gravity walls, slope revetments, rip rap, gabions or a combination of this products in the erosion area. Final costs estimated, design and work plan are required. As a second stage, the construction of the project. | The Rio Bayamon Flood Control Project in Toa Baja, cataño and Bayamon municipalities has approximately 3,350 meters along on land. | \$2,000,000.00 | | | \$2,000,000.00 | | 18.45107 | -66.160761 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Turabo River. PR-1 Urbanizacion San Carlos, Caguas. Studies are required to determine which mitigation project can be developed. Land acquisition, work plan and estimated final cost are required. The potential project to be developed, will include a trapezoidal channel, levees, rectangular box culverts along the channel and a sedimentation vessel. As a second stage, the construction of the project. This facilities provide essential flood protection for 5,000 people and properties in the communities neighborhood in Caguas City. | PR-1 Urbanizacion San Carlos, Caguas. The Communities of Boitruquen Neighborhood in Caguas City Have been subject of floods from Rio Turabo and Beatriz Creek during recurrent storm events. | \$8,000,000.00 | | | \$8,000,000.00 | | 18.212749 | -66.04097 | 100-year flooding | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Ultuado, Rio Grande de Arecibo and Rio Vivi Flood Control Project Increase Capacity and Stream Restoration. Rio Grande de Arecibo and Rio Vivi for increase capacity and stream restoration phases project. Phase 1: will include A&E and H&H studies and Geomorphic assessment. Phase 2: may include soil stabilization, stream restoration, acquisition, culverts increase capacity. This project will mitigate flooding along the Rio Grande de Arecibo and Rio Vivi watershed which includes 4 municipalities with an approximate population of 150,000. Will provide protection from risks to public and private facilities, commercial facilities, critical infrastructure. | Ultuado, Rio Grande de Arecibo and Rio Vivi watershed which includes 4 municipalities | \$6,000,000.00 | | | \$6,000,000.00 | | 18.267311 | -66.70762 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Yagüez River Flood Control. The project needs to increase the hydraulic capacity of the channel Rio Yagüez and the stabilization of slope. Phase 1: It will include A&E, and H&H studies and Geomorphic Assessment. They are necessary to evaluate a 100-year rain event for the flood mitigation project in the Yagüez River. Valve replacement and studies are required to increase capacity of the drainage pipes that download the channel from flood communities. Phase 2: it will include soil stabilization, stream restoration, erosion protection, culverts increase capacity. The Yagüez River Flood Control Project protects the life and property of more than 100,000 people. This project will include mitigate flooding to Public & Private facilities, commerces, critical bridges and access roads and Infrastructures PREPA, PRASA | Yagüez River Flood Control Project from Mayagüez Dam to river mouth, Camino La Corza, PR-3356 | \$25,000,000.00 | | | \$25,000,000.00 | | 18.198632 | -67.077917 | 100-year flooding | |
| Department of Natural and Environmental Resources (DNER) | Agency | 08/19/20 | Yauco, Rio Yauco Flood Control Increase Capacity and Stream Restoration. Yauco Town & Urb. Luchetti. This project will increase capacity and stream restoration of Rio Yauco. Phase 1: will include A&E and H&H studies and Geomorphic Assessment. Phase 2: will include soil stabilization, stream restoration, erosion protection, increase capacity of culverts, bridges, implementation of design, acquisition. This project will mitigate flooding at Yauco Town, communities along with protection to Public and Private facilities, commerces, agricultural facilities, critical infrastructures (bridges, roads, electric, aqueducts systems, communications, etc.). | Rio Yauco Flood Control Increase Capacity and Stream Restoration, Yauco Town & Urb. Luchetti, PR-127 | \$13,000,000.00 | | | \$13,000,000.00 | | 18.03673 | -66.843657 | 100-year flooding | |
| Department of Transportation and Public Works | Agency | 05/26/20 | After Hurricane Maria passed through Puerto Rico, the radio communication system of the PR Department of Transportation and Public Work (DTOP) on its agencies (Autoridad de Carreteras y Transportación, Dirección de Obras Públicas, Dirección de Servicios al Conductor, Autoridad de Transporte Integrado) collapsed during the atmospheric event. The Project 25 will provide protection to life and property before, during and after futures events. | Communication System for DTOP and its attached Agencies: The recommended system is named Project 25 (Protocol P 25). It is a digital radio communication structure designed for the public and safety organization in the USA. P 25 replace the existing analog VHF radios and has the capacity to transfer data, as well as voice, allowing for a more natural implementation of messaging. P 25 radios are commonly implemented by dispatch organizations, such as public work agencies, police, rescue and emergency teams, using vehicle-mounted radios combined with walkie-talkie handheld use. The DTOP will | \$35,000,000.00 | | | | | | | | Traffic Signal System Improvements (approximately 1,400 ea. island wide) to retrofit or upgrade the system to latest codes and standards. GIS mapping for assess vulnerability to severe wind and natural disaster hazards, development and maintaining of a database to identify and track traffic lights infrastructure vulnerability. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Various locations in the Region of Aguadilla severely affected by Hurricane Maria. We propose Highway Stormwater Drainage System Improvements. | \$13,680,000.00 | | | | | | | | Various locations in the Region of Arecibo severely affected by Hurricane Maria which continues to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose Flood Prevention and Protection measures. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose Highway Stormwater Drainage System Improvements. | \$3,980,000.00 | | | | | | | | Several damages identified in the Arecibo Region for which we propose Stabilization of Vulnerable Road Uphill Slope: clear all debris to prevent road blockage due to landslide and be more secure for the traffic flow. Clear all debris to prevent inlet blockage due to landslide and prevent future erosions. Increases roadway life and prevents damage from future disasters through protection of slopes. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose Highway Stormwater Drainage System Improvements to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$925,000.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the Stabilization of Vulnerable Road Uphill Slope to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Highway Stormwater Drainage System Improvements | \$385,000.00 | | | | | | | | Stabilization of Vulnerable Road Pavement Structure, Shoulder or Embankment |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Highway Stormwater Drainage System Improvements | \$1,610,000.00 | | | | | | | | Highway Stormwater Drainage System Improvements |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Highway Stormwater Drainage System Improvements | \$490,000.00 | | | | | | | | Flood Prevention and Protection |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid flooding of roads, excessive runoff that may damage structures at lower elevations, cause slope to fail or runoff that may carry large quantities of rock and sediment which may jam storm drains, block roads, and damage structures.Reduces the potential for excessive erosion, scours and asphalt washouts from future storm runoff. Prevents damage from future disasters through improved roadway drainage systems and energy dissipation measures to help minimize scour and erosion at the gutters discharge area. | Highway Stormwater Drainage System Improvements | \$3,640,000.00 | | | | | | | | PR-10 corridor connects Arecibo and Ponce providing the 2nd most important North-South route of the island after PR-52. The existing connection between Utuado and Adjuntas is the old PR-10 (Now PR-123) a 12.0 Km low capacity winding road corridor. Travel time today from Arecibo to Ponce is approximately 1 hour and 5 minutes but with the construction of the missing segment between Utuado and Adjuntas it may be reduced to 45 minutes. This project will significantly decrease the overall cost of moving people and goods and travel time, especially during a natural disaster like Hurricane Maria. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the Region of Aguadilla severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment and avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | \$55,306,000.00 | | | | | | | | Various locations in the Region of Aguadilla severely affected by Hurricane Maria. We propose landslide protection for landslide prevention and protection. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment and avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | \$6,719,375.00 | | | | | | | | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose Landslide Prevention and Protection. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Several damages identified in the Arecibo Region for which we propose Stabilization of Vulnerable Road UpHill Slope: clear all debris to prevent road blockage due to landslide and be more secure for the traffic flow. Clear oil debris to prevent inlet blockage due to landslide and prevent future erosions. Increases roadway life and prevents damage from future disasters through protection of slopes. | \$710,000.00 | | | | | | | | This is one of the locations severely affected by Hurricane Maria and continues to be the cause for frequent problems, obstructing the path for vehicles and putting citizens safety at risk. We propose the restoration of this bridge with engineering retrofitting techniques. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the Guayama Region were severely affected by Hurricane Maria. We propose the Vulnerable Road Pavement Structure, Shoulder or Embankment, and avoid the Stabilization of interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | \$95,211,000.00 | | | | | | | | Various locations in the Guayama Region severely affected by Hurricane Maria. We propose the Landslide Prevention and Protection to withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the Guayama Region severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment and avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | \$2,350,000.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the retrofitting of pedestrian bridges to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment to withstand damages after a natural disaster emergency. | \$5,542,500.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose Landslide Prevention and Protection to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|---|
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the Stabilization of Vulnerable Road UpHill Slope to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$2,625,000.00 | | | | | | | | Restoration of Bridge Structures with Engineering Retrofitting Techniques |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Stabilization of Vulnerable Road Pavement Structure, Shoulder or Embankment | \$5,095,000.00 | | | | | | | | Landslide Prevention and Protection |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Stabilization of Vulnerable Road Pavement Structure, Shoulder or Embankment | \$410,000.00 | | | | | | | | Restoration of Bridge Structures with Engineering Retrofitting Techniques |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Stabilization of Vulnerable Road Pavement Structure, Shoulder or Embankment | \$138,809,750.00 | | | | | | | | Landslide Prevention and Protection |
| Department of Transportation and Public Works | Agency | 05/26/20 | Avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. | Various locations in the San Juan Region severely affected by Hurricane Maria. We propose the retrofitting of pavement structure restoration to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$9,130,000.00 | | | | | | | | Various locations in the San Juan Region severely affected by Hurricane Maria. We propose the retrofitting of Landslide Prevention and Protection to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand damage during natural disasters. | Restoration of Bridge Structures with Engineering Retrofitting Techniques | \$3,050,000.00 | | | | | | | | Stabilization of Vulnerable Road Pavement Structure, Shoulder or Embankment |
| Department of Transportation and Public Works | Agency | 05/26/20 | Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand damage during natural disasters. | Restoration of Bridge Structures with Engineering Retrofitting Techniques | \$2,930,000.00 | | | | | | | | Stabilization of Vulnerable Road Pavement Structure, Shoulder or Embankment |
| Department of Transportation and Public Works | Agency | 05/26/20 | Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand damage during natural disasters. | This is one of the locations severely affected by Hurricane Maria and continues to be the cause for frequent problems, obstructing the path for vehicles and putting citizens safety at risk. We propose the restoration of this bridge with engineering retrofitting techniques. | \$1,600,000.00 | | | | | | | | Various locations in the Guayama Region severely affected by Hurricane Maria which continue to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose flood control measures: rip rap buffers, floodwalls, small berms, revetments. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Improve the flow of goods and services in and out of the Region through a resilient infrastructure in compliance with latest Codes and Engineering Standards. After a natural disaster emergency, the improved road will maintain efficient region mobility. | This is one of the locations severely affected by Hurricane Maria. We propose road geometry improvements. Resilient infrastructure will withstand damages after a natural disaster emergency. | \$12,000,000.00 | | | | | | | | Various locations in the Guayama Region severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment and avoid the interruption of the flow of goods and services in and out of the region. Resilient infrastructure to withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Improve the flow of goods and services in and out of the Region thru a resilient infrastructure in compliance with latest Codes and Engineering Standards. After a natural disaster emergency, the improved road will maintain efficient region mobility | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose road geometry improvements to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$8,000,000.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose Highway Stormwater Drainage System Improvements to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Improves safety, reduces maintenance costs, increases pedestrian bridge life, and prevents damage from future disasters through improved facilities. Encourages people to walk instead of driving, which provides public health benefits and reduces traffic congestion. Also promotes bicycle transportation in a event of a disaster where there is a limited amount of gas. | We propose the enhancement a existing infrastructure and ensure alternate traffic opportunities. | \$4,000,000.00 | | | | | | | | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose Highway Stormwater Drainage System Improvements. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Reduce the vulnerability of human beings and goods exposed to flood risk. Protect bridge abutments, bridges, roads, and other infrastructure. Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand hazards. | Various locations in the Region of Arecibo severely affected by Hurricane Maria which continues to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose Flood Prevention and Protection measures. | \$1,183,125.00 | | | | | | | | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment and avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Reduce the vulnerability of human beings and goods exposed to flood risk. Protect bridge abutments, bridges, roads, and other infrastructure. Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand hazards. | Various locations in the Guayama Region severely affected by Hurricane Maria which continue to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose flood control measures: rip rap buffers, floodwalls, small berms, revetments. | \$910,200.00 | | | | | | | | Various locations in the Guayama Region were severely affected by Hurricane Maria. We propose the Vulnerable Road Pavement Structure, Shoulder or Embankment, and avoid the Stabilization of interruption of the flow of goods and services in and out of the region. Resilient infrastructure to withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Reduce the vulnerability of human beings and goods exposed to flood risk. Protect bridge abutments, bridges, roads, and other infrastructure. Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand hazards. | Various locations in the Humacao Region severely affected by Hurricane Maria which continues to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose flood prevention and protection. | \$1,971,000.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment to withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Reduce the vulnerability of human beings and goods exposed to flood risk. Protect bridge abutments, bridges, roads, and other infrastructure. Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand hazards. | Flood Prevention and Protection | \$1,585,000.00 | | | | | | | | Various locations in the San Juan Region severely affected by Hurricane Maria. We propose the retrofitting of pavement structure restoration to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Department of Transportation and Public Works | Agency | 05/26/20 | Reduce the vulnerability of human beings and goods exposed to flood risk. Protect bridge abutments, bridges, roads, and other infrastructure. Ensure mobility of people, goods, and services after a natural disaster emergency. Resilient Infrastructure to withstand hazards. | This is one of the locations severely affected by Hurricane Maria which continues to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safely at risk. We propose the enhancement a retention area as a flood prevention and protection measure. | \$75,000.00 | | | | | | | | Various locations in the Region of Aguadilla severely affected by Hurricane Maria. We propose the stabilization of vulnerable road pavement structure, shoulder or embankment and avoid the interruption of the flow of goods and services in and out of the region. Resilient Infrastructure to withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Buildings in compliance with latest codes and standards that will work as centers of field operations during natural disaster emergency response | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the retrofitting of existing buildings to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$550,000.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose road geometry improvements to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Buildings in compliance with latest codes and standards that will work as centers of field operations during natural disaster emergency response | Retrofitting of Existing Buildings | \$185,000.00 | | | | | | | | Highway Stormwater Drainage System Improvements |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Buildings in compliance with latest codes and standards that will work as centers of field operations during natural disaster emergency response | Retrofitting of Existing Buildings | \$1,700,000.00 | | | | | | | | Highway Stormwater Drainage System Improvements |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Buildings in compliance with latest codes and standards that will work as centers of field operations during natural disaster emergency response. | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose retrofitting of DTOP facilities buildings in the Arecibo Region: Manatí, Naranjito, Arecibo, and Dos Bocas Lake. | \$550,000.00 | | | | | | | | We propose the enhancement a existing infrastructure and ensure alternate traffic opportunities. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient infrastructure. Development of engineering standards that promote updated, innovative and resilient features. Reduction in infrastructure vulnerability to natural hazards, the facility should be in service after a future natural disaster emergency. | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the retrofitting of pedestrian bridges to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$14,203,750.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria which continues to cause frequent flooding during heavy rain events, obstructing the path for vehicles and putting citizens safety at risk. We propose flood prevention and protection. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose Landslide Prevention and Protection. | \$855,000.00 | | | | | | | | Various locations in the Region of Arecibo severely affected by Hurricane Maria. We propose retrofitting of DTOP facilities buildings in the Arecibo Region: Manatí, Naranjito, Arecibo, and Dos Bocas Lake. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services | Various locations in the Guayama Region severely affected by Hurricane Maria. We propose the Landslide Prevention and Protection to withstand damages after a natural disaster emergency. | \$6,829,000.00 | | | | | | | | This is one of the locations severely affected by Hurricane Maria. We propose road geometry improvements. Resilient infrastructure will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose Landslide Prevention and Protection to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$7,180.00 | | | | | | | | Various locations in the Humacao Region severely affected by Hurricane Maria. We propose the retrofitting of existing buildings to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services | Landslide Prevention and Protection | \$2,955,000.00 | | | | | | | | Retrofitting of Existing Buildings |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services | Landslide Prevention and Protection | \$11,973,000.00 | | | | | | | | Retrofitting of Existing Buildings |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services | Landslide Prevention and Protection | \$5,925,000.00 | | | | | | | | Highway Stormwater Drainage System Improvements |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services. | Various locations in the Region of Aguadilla severely affected by Hurricane Maria. We propose landslide protection for landslide prevention and protection. | \$5,300,000.00 | | | | | | | | Various locations in the Region of Aguadilla severely affected by Hurricane Maria. We propose Highway Stormwater Drainage System Improvements. |
| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient Infrastructure. Reduction in infrastructure vulnerability to natural hazards, avoid the interruption of the flow of goods and services. | Various locations in the San Juan Region severely affected by Hurricane Maria. We propose the retrofitting of Landslide Prevention and Protection to provide for a more resilient infrastructure with will withstand damages after a natural disaster emergency. | \$7,190,000.00 | | | | | | | | Landslide Prevention and Protection |



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| Department of Transportation and Public Works | Agency | 05/26/20 | Resilient structures in compliance with latest codes and engineering standards. Highway safety and traffic order after a natural disaster. | Traffic Signal System Improvements (approximately 1,400 ea. island wide) to retrofit or upgrade the system to latest codes and standards. GIS mapping for assess vulnerability to severe wind and natural disaster hazards, development and maintaining of a database to identify and track traffic lights infrastructure vulnerability. | \$350,000,000.00 | | | | | | | | Three (3) structures above existing water streams at PR 4435 must be constructed to prevent flooding in the community located around/next to the road. |
| Department of Transportation and Public Works | Agency | 05/26/20 | The benefits of this project are substantial: 1) provide a modern, fast and secure highway to communicate the north and the south of the island, 2) promote the economic development of the region and all of Puerto Rico, 3) connect the industrial and agricultural areas of the central north with the Port of Ponce, PR's 2nd most important domestic port, which would be critical in case of disruptions in the operation of the main port of San Juan due to natural disaster. | PR-10 corridor connects Arecibo and Ponce providing the 2nd most important North-South route of the island after PR-52. The existing connection between Utuado and Adjuntas is the old PR-10 (Now PR-123) a 12.0 Km low capacity winding road corridor. Travel time today from Arecibo to Ponce is approximately 1 hour and 5 minutes but with the construction of the missing segment between Utuado and Adjuntas it may be reduced to 45 minutes. This project will significantly decrease the overall cost of moving people and goods and travel time, especially during a natural disaster like Hurricane Maria. | \$48,400,000.00 | | | | | | | | This project would be phased: first phase, conduct studies to identify the solution (HH, geotechnical, topography, as-built, etc.) and second, construction based on recommendations. It is intended to demolish the actual bridges and make three elevated bridges type aluminum box culvert with an approximate measurement of 24'-8" span x 10'-6" rise. This includes channel debris removal and disposal, wall for scoring protection, head walls, (A-2-4) Fill, asphalt, sidewalk, concrete curb, gutter and others. This is the access that replaced the state highway PR-446 when the land displacement arose. |
| Department of Transportation and Public Works | Agency | 05/26/20 | The construction of the structures will provide protection to life and property, before/during and after futures events. | Three (3) structures above existing water streams at PR 4435 must be constructed to prevent flooding in the community located around/next to the road. | \$3,000,000.00 | | | | | | | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | The deformation and displacement of the soil has led to the collapse of the state road PR-446, main way to reach the town of San Sebastian. For this reason, it is the main route that allows to mobilize the citizens of the neighborhoods Robles, Albonito Guerrero, Albonito Beltrán, and Planas, Galateo, Llanadas from the Isabela Municipality to the Urban Center (8,203 residents). The bridge shows faults due to the advanced state of deterioration in the slab. Immediate attention to this matter is required, since the street is used by trucks with high load. | This project would be phased: first phase, conduct studies to identify the solution (HH, geotechnical, topography, as-built, etc.) and second, construction based on recommendations. It is intended to demolish the actual bridges and make three elevated bridges type aluminum box culvert with an approximate measurement of 24'-8" span x 10'-6" rise. This includes channel debris removal and disposal, wall for scoring protection, head walls, (A-2-4) Fill, asphalt, sidewalk, concrete curb, gutter and others. This is the access that replaced the state highway PR-446 when the land displacement arose. | \$1,000,000.00 | | | | | | | | Communication System for DTOP and its attached Agencies: The recommended system is named Project 25 (Protocol P 25). It is a digital radio communication structure designed for the public and safety organization in the USA. P 25 replace the existing analog VHF radios and has the capacity to transfer data, as well as voice, allowing for a more natural implementation of messaging. P 25 radios are commonly implemented by dispatch organizations, such as public work agencies, police, rescue and emergency teams, using vehicle-mounted radios combined with walkie-talkie handheld use. The DTOP will use its sites, island wide, to install all the infrastructure to support to the recommended system. |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; Ave De Diego Roosevelt; FLOODS; | | Unknown | | | | | 18.403344 | -66.08715 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 102; FLOODS; | | Unknown | | | | | 18.1852 | -67.166034 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 111; LANDSLIDES; | | Unknown | | | | | 18.295569 | -66.799052 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 123; LANDSLIDES; | | Unknown | | | | | 18.272972 | -66.706174 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 140; LANDSLIDES; | | Unknown | | | | | 18.257424 | -66.64894 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 143; LANDSLIDES; | | Unknown | | | | | 18.172917 | -66.420526 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 146; LANDSLIDES; | | Unknown | | | | | 18.317904 | -66.57032 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 172; LANDSLIDES; | | Unknown | | | | | 18.197732 | -66.108439 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 185; LANDSLIDES; | | Unknown | | | | | 18.305107 | -65.904226 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 186; LANDSLIDES; | | Unknown | | | | | 18.275704 | -65.877428 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 1; FLOODS; | | Unknown | | | | | 18.008577 | -66.367617 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 20; FLOODS; | | Unknown | | | | | 18.399411 | -66.10487 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 26; FLOODS; | | Unknown | | | | | 18.447788 | -66.053374 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 2; FLOODS; | | Unknown | | | | | 18.423544 | -66.095876 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 2; FLOODS; | | Unknown | | | | | 18.445322 | -66.407065 | | |



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| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 31; FLOODS; | | Unknown | | | | | 18.228684 | -65.850436 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 31; FLOODS; | | Unknown | | | | | 18.214329 | -65.773855 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 3; FLOODS; | | Unknown | | | | | 18.376167 | -65.755234 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 3; FLOODS; | | Unknown | | | | | 18.129815 | -65.822391 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 64; FLOODS; | | Unknown | | | | | 18.248288 | -67.163223 | | |
| Department of Transportation and Public Works | Agency | 05/26/20 | VULNERABLE ROAD SEGMENT; PR 869; FLOODS; | | Unknown | | | | | 18.423499 | -66.144886 | | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | A Disaster Debris Management Plan to determine and layout the equipment and procedures necessary to handle post-disaster debris removal activities. This will provide certainty when preparing for future storm events and managing cleanup activities after disasters. | ISLAND WIDE | Unknown | \$6.2M | FEDERAL GRANT; EPA | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | A map identifying all catch basins and their attributes, can help municipalities to prepare and respond more effectively during flood emergencies, facilitate catch basins, conduct storm pipes maintenance, repairs and enable them to identify the infrastructure needs and improvements. It also helps municipalities implement alternative management and mitigation planning approaches like green stormwater infrastructure. | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | At the minimum, the following flood control and drainage assets and attributes must be mapped following federal and local requirements: <ul style="list-style-type: none"> municipal separate storm sewer system outfalls and receiving waters identified by name and indication of all use impairments as identified in the Commonwealth of Puerto Rico's most current 303(d) list pipes size, depth and material direction of flow open channel conveyances (swales, ditches, etc.) catch basins depth and grate size manholes and manhole depth flood control pump stations and design capacity flood control pump catchment area interconnections with other storm water sewer system municipally owned stormwater treatment structures (e.g., detention and retention basins, infiltration systems, bioretention areas, water quality swales, gross particle separators, oil/water separators, or other proprietary systems) Catchment delineations meaning an area that drains to an individual outfall or interconnection, as defined by EPA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | A Market Analysis of Puerto Rico's solid waste markets to evaluate available destinations and future uses for recyclable and reusable goods. This study will assist in developing an integrated solid waste management plan for Puerto Rico | ISLAND WIDE | Unknown | \$6.2M | FEDERAL GRANT; EPA | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | A Sustainable Annual Budget needs to be developed to lay out the capital expenditures and income sources necessary to implement the Integrated Solid Waste Management Plan. This will ensure that the necessary budget is in place for the central government and municipalities to pursue the work needed to manage solid waste sustainably. | ISLAND WIDE | Unknown | \$6.2M | FEDERAL GRANT; EPA | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | A Waste Characterization study of Puerto Rico's solid waste to evaluate waste being generated after the impacts of hurricanes Irma and Maria. This study will assist in developing an integrated solid waste management plan for Puerto Rico. | ISLAND WIDE | \$1,000,000.00 | \$6.2M | FEDERAL GRANT; EPA | \$1.0 million | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Action need be taken to identify, sort, recycle, and dispose of waste of the 1,600-2,000 illegal dumps located throughout PR. In order to eliminate the illegal dumps, they need to be located, sorted, cleared and steps need to be identified to help prevent the recurrence of the dump. These sites could be located through a citizen science based approach where local environmental organizations train participants on identifying sites in their community and posting information to a centralized map for future action. The benefits of the project will be seen as soon as the sorting and clean-up process begins. The full clean-up of illegal dumps will likely take 1-2 years. | ISLAND WIDE | Unknown | NONE | NONE | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Agua Buena - Caguas Trunk Sewer Improvements; Agua Buena wastewater treatment plant is on schedule to be eliminated by constructing a trunk sewer and pump stations and connecting the facility to the Caguas Wastewater Treatment Plant collection system | Caguas | \$12,100,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | An Integrated Solid Waste Management Plan to evaluate the post-disaster state of solid waste in Puerto Rico and determine a path forward. Completing this plan will guide the Department of Natural and Environmental Resources (DNER/DRNA) and municipalities on the proper management of solid waste in Puerto Rico. | ISLAND WIDE | \$1,000,000.00 | \$6.2M | FEDERAL GRANT; EPA | \$1.0 million | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Analysis of drinking water diversification options, costs, and benefits | ISLAND WIDE | \$500,000.00 | Unknown | CDBG-DR, USDA, GoPR, PRASA, PPP | Unknown | ISLAND WIDE | N/A | N/A | Drought | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Arecibo Trunk Sewer - PRASA informed EPA that after the hurricane this trunk sewer suffered some damages and sea water is gaining access into it and getting to the Arecibo Wastewater Treatment Plant. PRASA is currently investigating the rupture to determine how to proceed with the repairs. | Arecibo | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Assessment of stormwater system capacity and condition with comprehensive and routine asset mapping and hydrologic and hydraulic analyses; Augment asset management capacity at a watershed scale | ISLAND WIDE | \$266,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Assessment to plan for needed repairs and improvement to drainage systems and flood control pumps stations to control flood events in Ponce. | Ponce | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Assessments; Wastewater connection projects associated with Caño Martín Peña | San Juan | \$125,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Buenos Aires Lateral, Flood Mitigation and Control, Storm Sewer for downtown Arecibo (Phase II-A) | Arecibo | \$11,800,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates were provided by the Municipality of Arecibo. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Buenos Aires Lateral, Flood Mitigation and Control, Storm Sewer for downtown Arecibo (Phase II-B) | Arecibo | \$1,800,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates were provided by the Municipality of Arecibo. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Buenos Aires Lateral, Flood Mitigation and Control, Storm Sewer for downtown Arecibo (Phase II-C) | Arecibo | \$5,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates were provided by the Municipality of Arecibo. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|---|---|---|--|--|---|--|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Buenos Aires Lateral, Flood Mitigation and Control, Storm Sewer for downtown Arecibo (Phase III-C2) | Arecibo | \$4,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates were provided by the Municipality of Arecibo. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Build a regulatory authority to conduct inventory and ongoing inspections and enforce building codes of septic systems; Microloan program to assist homeowners with septic systems repair and replacement | ISLAND WIDE | \$12,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA, Homeowners | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Building a workforce of stormwater practitioners by reviewing management processes, identifying best practices, assessing workforce needs, and developing new protocols and capacities for stormwater management | ISLAND WIDE | \$22,000,000.00 | Unknown | GoPR, DNER, Municipal Governments, USDA | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Building local knowledge on the impact of activities that may affect air, water, land use and quality in Puerto Rico, can help state agencies and municipality governments identify risks, support and inform emergency preparedness, response, municipality and state recovery, mitigation, and economic development planning efforts. Although there are a limited number of local and federal geospatial datasets publicly available that illustrate the location of facilities where these activities occur, there is a gap in the lack of site-specific information (i.e. site boundaries) that would be required in a geospatial format to support these planning efforts. While some of the site boundaries of these facilities can be obtained through requests to local and/or federal authorities, the information is not available in geospatial formats, making it difficult for planning purposes. | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | At the minimum, the following mapping needs should be addressed: • site boundaries of brownfields • site boundaries of closed and current landfills • site boundaries of previous and current superfund • site boundaries of closed and open hazardous waste facilities • site boundaries of closed and open hazardous waste facilities with EPA corrective actions • location of facilities with EPA risk management plans (RMP) • location of discharge points (i.e. discharge outfalls) from public and industrial wastewater treatment plants • location of facilities with clean air act permits While some of the site boundaries of these facilities can be obtained through requests to local and/or federal authorities, the information is not available in geospatial formats, making it difficult for planning purposes. The EPA can streamline access to the location of these facilities along with other attribute data that is publicly available by request. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Calle Nueva – Añasco Sanitary Sewer System; build a new wastewater collection system in the North West direction of Nueva Street | Añasco | \$3,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Canóvanas Upper Reservoir, increase capacity of Canóvanas WTP and transfer to Metro Area | Canóvanas | \$127,750,584.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Casey Reservoir and WTP | Añasco | \$552,518,544.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Centralizing stormwater management, streamlining permitting processes, enhancing technical capacity, community outreach, and best management practices for stormwater management | ISLAND WIDE | \$46,000,000.00 | Unknown | GoPR, DNER, Municipal Governments, USDA, EPA State Revolving Fund | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Comerio Trunk Sewer - The Comerio trunk sewer suffered major damages after the hurricane since is located near a river crossing. The trunk sewer broke in several areas and was the cause of major overflows for several months. | Comerio | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Conduct robust cost-effectiveness analysis in determining whether a stormwater credit trading program makes sense in Puerto Rico to incentivize and promote best management practices for reduction of flood risk. | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, EPA State Revolving Fund, DNER, Municipalities | Unknown | ISLAND WIDE | N/A | N/A | 100-year flooding | Stormwater credit trading programs can be a valuable addition to a city's strategy to reduce risks of flood events. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Connection of 18 public wastewater systems not owned by PRASA; Connection of 10 economically and technically feasible non-PRASA drinking water systems | ISLAND WIDE | \$110,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Connection of 180 unsewered communities | ISLAND WIDE | \$1,014,000.00 | Unknown | CDBG-DR, CDBG-MIT, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Corozal Trunk Sewer - The Corozal trunk sewer suffered major damages after the hurricane since is located near a river crossing. The trunk sewer broke in several areas and was the cause of major overflows for several months. | Corozal | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Develop a plan at the municipal level for municipal governments operate and preventively maintain their stormwater infrastructure to reduce flood risks in communities. | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities | Unknown | ISLAND WIDE | N/A | N/A | Severe Storms | Develop/Implement an Operation and Preventive Maintenance (O&PM) Plan of each of the three DNER Pump Stations. O&PM Plan set forth the requirements for pump station equipment: pumps, electric motors, electrical controllers, emergency generator units, bar screens, debris collection systems, mechanical hoists, monitoring equipment, level sensors and wet well or pump station suction chamber structures. The O&PM Plan also include essential inventory of materials, including but not limited to, spare parts and system consumables. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Develop capacity and collaboration among practitioners to increase awareness and compliance on septic systems; Replace 13,191 priority on-site wastewater treatment and disposal systems (septic systems) and on-site wastewater treatment systems upstream of drinking water sources | ISLAND WIDE | \$65,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA, Homeowners | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Develop island-wide assessment of wastewater infrastructure not connected to PRASA (e.g., septic systems, privately-owned wastewater pump stations): A key component of any strategic plan will be to both better understand the state of wastewater infrastructure not connected to PRASA and to identify and prioritize systems or areas in most need of intervention. The approach involves the following steps: 1. Inventory Onsite Wastewater Systems (OWS) and other wastewater infrastructure not connected to PRASA; collect data to determine location and other important attributes of existing systems 2. Prioritize OWS and infrastructure not connected to PRASA: use inventory data supplemented with other spatial datasets within a decision framework informed by community- or project-specific drivers and objectives (as established in the policy document and strategic plan) to prioritize OWS for management 3. Manage OWS and infrastructure not connected to PRASA: use results of inventory and prioritization processes to plan, develop and implement management programs which may include a combination of programmatic and engineering-focused efforts It is critical that all three steps be completed, as efforts often get stuck within one of the first two steps. Additionally, it will be important to consider alternatives other than connecting to sewer or doing nothing. Improved management of OWS, development of | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|---|---|--|---|---|---|---|--|--|---|--|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Develop policy document and strategic plan to augment the Government of Puerto Rico management capacity of septic systems. This would include working with a diverse group of stakeholders to develop consensus policies and a strategy for moving toward consistent application of an appropriate, island-wide decentralized wastewater management program. Key elements of this planning stage will be aligning policy tools with local (e.g., PRASA, Department of Natural and Environmental Resources, Permit Management Office (OGPe), and Department of Health (DOH)), local and federal government capacities and requirements. Accordingly, stakeholders representing these sectors will be engaged, as will others with a vested interest including water quality managers, septic system contractors and economic development interests. Two primary outputs of this effort will be a policy document, which will establish island-wide standards for technologies as well as various management elements, and a strategic plan, which will establish the road map for implementing the policy. (Phase 1) | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Develop redevelopment plans, consisting of environmental assessments, remediation plan and reuse plan, to address potential contaminants that may be present in abandoned/subutilized properties and promote economic growth. | ISLAND WIDE | \$39,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, EPA Brownfields | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | Approximately \$500,000 per plan considering one plan per municipality. Approximate costs estimates are based on previous projects funded by the EPA Brownfields Program. A 2017 study concluded that cleaning up brownfield properties led to residential property value increases of 5 - 15.2% within 1.29 miles of the sites. Analyzing data near 48 of those brownfields, another study found an estimated \$29 to \$97 million in additional tax revenue for local governments in a single year after cleanup—2 to 7 times more than the \$12.4 million EPA contributed to the cleanup of those brownfields. Initial anecdotal surveys indicate a reduction in crime in recently revitalized brownfields areas. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Development of watershed management plans integrating diversification options; increased use of groundwater through expansion of wells | ISLAND WIDE | \$11,500,000.00 | Unknown | CDBG-DR, USDA, GoPR, PRASA, PPP | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | East - Metro - North Region Well Rehabilitations | Various | \$860,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Elimination of Dorado WWTP via regional plant (various possibilities) | Dorado | \$276,600,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Enrique Ortega STS Water Discharge to La Plata Reservoir | Toa Alta | \$6,240,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Establish a workforce development focus on training and certifications on environmental skills trades needed to recover critical services after disasters. Critical services such as, flood management, disaster debris removal, mold, lead and asbestos remediation, community water systems operators, and municipal sanitation workers. The proposed project need to include a job placement aspect and necessary shifts in public policy to ensure a local workforce and local labor agreements to ensure local hiring for these critical services. | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, EPA Brownfields, Workforce Innovation and Opportunity Act | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | The proposed project need to include a job placement aspect and necessary shifts in public policy to ensure a local workforce and local labor agreements to ensure local hiring for these critical services. This program needs to be implemented in 3-5 years. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Expansion of Hatillo - Camuy to 18 MGD and transfers to Quebradillas, Arecibo and Lares | Hatillo | \$142,492,875.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Fajardo - Las Croabas Trunk Sewer Improvements | Fajardo | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Flood Mitigation, Control Retention Pond and Pump Station Baranca Ward | Arecibo | \$9,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | 18.463459 | -66.753563 | Severe Storms | The New Flood Control Project for the BarrancasCommunity in Arecibo will consists of the following elements: New Storm Sewer Collection system, New storm sewer retention pond, New storm sewer pump station for the new retention pond, Nuevo storm sewer main discharge line for the new storm sewer retention pond and pump station. Acquisition of approximately 21 properties, Municipal road relocation and existing infrastructure relocation, (Water Distribution, Sewer System, Storm Sewer and Power). Scope of work and cost estimates were provided by the Municipality of Arecibo. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Illicit discharge detection and elimination (IDDE) program expansion | ISLAND WIDE | \$26,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Implement adaptive decentralized wastewater management plan: The decentralized wastewater management plan for Puerto Rico will be informed by both the spatial evaluation described in Phase 2 and the broader, programmatic strategy developed in Phase 1. Both are very important, as wastewater management improvements in a small area (e.g., neighborhood) will ultimately be unsuccessful without appropriate institutional structures and programmatic instruments to support the long-term implementation of those improvements. We foresee implementation during this stage consisting of programmatic initiatives common to the entire Commonwealth, with implementation of technological improvements initially targeted to high priority areas, which can serve as pilot projects that are closely monitored to provide insights that inform future projects. Those high priority cases will provide important feedback for the program to adapt as warranted moving forward. (Phase 3) | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Implementation of a stormwater capture program for urban areas: Use of reclaimed water to augment PRASA supply | ISLAND WIDE | \$1,465,000.00 | Unknown | CDBG-DR, USDA, GoPR, PRASA, PPP | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Implementation of source water protection measures and training programs; Remediation of priority sites | ISLAND WIDE | \$36,000,000.00 | Unknown | FEMA MIT, CDBG-DR, EDA, EPA, USDA, USBR | Unknown | ISLAND WIDE | N/A | N/A | Drought | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to Cerro Gordo WTP | San Lorenzo | \$5,300,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to Cerro Gordo WTP raw water intake | San Lorenzo | \$6,120,224.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to Culebrinas WTP raw water intake and degritter | Aguadilla | \$2,437,777.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|--|---|--|---|---|---|---|--|--|--|--|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to Guaynabo - Caguas Transmission Pipe | Caguas | \$1,200,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to Guzmán Arriba WTP raw water intake | Río Grande | \$482,750.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to Santa Rosa Raw Water Intake (Los Filtrros WTP) | Bayamón | \$4,444,444.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to the Hatillo WTP raw water intake | Hatillo | \$3,503,904.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements to the raw water intake, relocation of intake | Añasco | \$6,281,758.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Isabela | \$1,565,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Anasco | \$38,385,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Penuelas | \$2,513,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Lares | \$190,600.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Aguadilla | \$1,125,900.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Loiza | \$2,345,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Aguas Buenas | \$65,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Hatillo | \$117,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Sabana Grande | \$205,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Yauco | \$489,900.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Caguas | \$5,303,200.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Luquillo | \$1,445,100.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Dorado | \$3,745,500.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Comerio | \$987,900.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Humacao | \$6,111,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Utua | \$482,600.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Mayaguez | \$7,227,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Aibonito | \$2,269,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Fajardo | \$2,391,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | San Sebastian | \$385,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Ceiba | \$5,055,100.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Juncos | \$1,402,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Arecibo | \$2,799,600.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Cabo Rojo | \$1,741,900.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|---|---|---|--|--|---|--|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Cayey | \$9,637,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Guayanilla | \$961,200.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Carolina | \$7,600,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Corozal | \$623,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Coamo | \$1,379,200.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Orocovis | \$6,583,200.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Pailas | \$1,274,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Las Piedras | \$1,171,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | San Lorenzo | \$1,184,100.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Jayuya | \$1,188,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Guaynabo | \$9,211,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Santa Isabel | \$4,822,100.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Bayamon | \$7,443,300.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Cafano | \$2,148,900.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Arroyo | \$2,571,900.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Canovanas | \$7,861,500.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Aguada | \$8,065,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Moca | \$8,351,700.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Ponce | \$2,118,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Salinas | \$8,923,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Adjuntas | \$170,600.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Manati | \$19,766,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Gurabo | \$2,707,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Morovis | \$2,712,800.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improvements/repairs to stormwater systems | Guayama | \$2,738,500.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | Severe Storms | Scope of work and cost estimates based on RAND report conducted by Arcadis.. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Improving stormwater infrastructure design standards (including enhancing stormwater permitting processes and land-use regulations to implement green infrastructure) and implementing public outreach and education programs and campaigns | ISLAND WIDE | \$29,000,000.00 | Unknown | EPA State Revolving Fund, USDA, DNER | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|---|---|---|--|--|--|---|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Infrastructure improvements to the De Diego, Stop 18 and Baldorioty de Castro Flood Control Pump Stations to reduce nuisance flooding in San Juan. | San Juan | Unknown | Unknown | CDBG-DR, CDBG-MIT, EPA State Revolving Fund, DNER, Municipalities | Unknown | San Juan | N/A | N/A | Severe Storms | Capital improvements include, but are not limited to: a. Installation and replacement of warning signs for all the three Department of Natural and Environmental Resources (DNER) Pump Stations' discharge points. b. Permanent replacement/installation of booms in or at the influent pipelines to the pump station wells. c. Baldorioty de Castro Pump Station Upgrades: (i) Installation of an effluent discharge channel aerosol control to minimize aerosols from the pump station discharge. (ii) Installation of a fence along the west side of the Baldorioty de Castro Pump Station Discharge Channel. (iii) Installation of baffle wall at the Baldorioty de Castro pump station wet well to promote sedimentation and/or settling of solids to be recovered during wet well cleaning. d. Installation of continuous electronic monitoring equipment to monitor ammonia, pH, temperature and total residual chlorine and lighting fixtures at the pump stations wells. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Infrastructure investments for up to 100 priority sites | ISLAND WIDE | \$6,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Infrastructure investments for up to 250 priority sites | ISLAND WIDE | \$13,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Inventory assessment infrastructure investments for up to 50 priority water systems Ongoing coordination and technical assistance program for nonregulated systems (11 years) | ISLAND WIDE | \$3,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Isabela Collection System Improvements | Isabela | \$5,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Landfills that are non-compliant or unlined will need to cease waste and close. This will ensure that compliant landfills can operate without competing with illegal and unlined sites that can operate a lower cost. Puerto Rico currently has 28 operating landfill and open dump sites and the majority are unlined and non-compliant represent a risk for land and water resources. | ISLAND WIDE | Unknown | NONE | NONE | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Manati – Barceloneta Trunk Sewer | Manati | \$10,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Mapping the inventory of buildings and homes in flooding and landslide prone areas, can help develop workforce projections for the short, medium- and long-term reconstruction and disaster recovery planning efforts of municipalities across Puerto Rico. It is essential that the training and certification of a qualified and skilled workforce in the areas of healthy buildings, energy renewables, energy efficiency and demolition and debris processing activities, is supported by training and resource allocation to support the reconstruction and recovery of local infrastructure, communities, services and economies. | ISLAND WIDE | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | At the minimum, roof and gross floor area should be mapped for the following building infrastructures: • homes, public housing units, public buildings, schools, clinics, day cares, hospitals, nursing homes and community centers • location of homes, public housing units, public buildings, schools, clinics, day cares, hospitals, nursing homes and community centers in flood zones and earthquake fault lines |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Municipal compost sites should be implemented across Puerto Rico. This project would involve the creation of three compost sites along with the procurement of necessary equipment. This project would divert valuable organic matter from landfills, reduce the impact of food waste on the environment, and the limited lifetime of landfills in Puerto Rico. Storm events have the capability to generate massive amounts of vegetative debris. Having compost sites in place will provide capacity when managing vegetative storm debris during recovery efforts. | ISLAND WIDE | \$17,000,000.00 | NONE | NONE | \$17 million | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | The cost estimated is based on a 2018 estimate provided by board members of the U.S. Composting Council in 2018 and the "Dynamic Itinerary for Infrastructure Projects Public Policy Document" (Dynamic Itinerary). The Composting Council estimated that composting equipment for three sites would cost \$7.75M and the Dynamic Itinerary estimated that three sites would cost \$9M (2018 dollars). The values were converted to 2020 dollars and rounded to two significant figures. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Municipal recycling sites should be implemented across Puerto Rico. This project would involve the creation of multiple recycling sites along with the procurement of necessary recycling equipment. The addition of recycling infrastructure would allow Puerto Rico to process recyclable material from residents and non-residential groups. This would divert valuable material from landfills and extend their limited lifetime. | ISLAND WIDE | \$36,300,000.00 | NONE | NONE | \$36.3 million | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | The cost estimated is based on a 2018 estimate provided by the Puerto Rico Solid Waste Management Authority - email communication. The estimates provided were \$31.0M for recycling infrastructure and \$4.584M for recycling equipment. The values were added, converted to 2020 dollars, and rounded to three significant figures. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | New Arecibo Urbana WTP 5.0 MGD and transfers to Miraflores and Bajadero | Arecibo | \$68,298,156.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | New Dorado Trunk Sewer | Dorado | \$15,526,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | New Lajas Reservoir and El Yunque WTP expansion to 28 MGD | Río Grande | \$240,400,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | New Salinas WTP to substitute well water | Salinas | \$23,550,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Odor control measures Dorado WWTP | Dorado | \$584,026.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Patillas – Guayama Trunk Sewer - construct a sanitary trunk sewer to eliminate the Patillas wastewater treatment plant and divert its flow to the Guayama wastewater treatment plant. | Patillas | \$23,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Peñuelas – Guayanilla – Yauco Trunk Sewer - construct a sanitary trunk sewer to eliminate the Peñuelas and Guayanilla wastewater treatment plants and divert their flows to the Yauco wastewater treatment plant. | Peñuelas | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Phase IV of the Improvements to the Enrique Ortega WTP | Toa Alta | \$14,150,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Ponce – Mercedita Trunk Sewer Improvements | Ponce | \$29,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | PRASA Improvements to Superaqueduct raw water intake | Arecibo | \$125,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | PRASA Off grid energy projects | Island wide | \$150,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|--|---|--|---|---|---|---|--|--|--|--|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | PRASA Remote operational capabilities | Island wide | \$150,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Provide and install Power Generators | West | \$10,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Provide and install Power Generators | East | \$10,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Provide and install Power Generators | South | \$10,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Provide and install Power Generators | Norte | \$10,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Provide and install Power Generators | Metro | \$10,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Public outreach and education is a vital component for the development of a sustainable waste management program in Puerto Rico. Fundamental policy and behavior changes will need to occur at the state, municipality, and citizen levels to address the multitude of solid waste issues that currently exist. Outreach efforts could include coordination and site visits with solid waste counterparts in the 78 municipalities in Puerto Rico as well as educational material on the impacts of solid waste to the environment. | ISLAND WIDE | Unknown | \$6.2M | FEDERAL GRANT; EPA | Unknown | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Puerto Nuevo Main Trunk Sewer and Collection System - One of the Puerto Nuevo main trunk sewers passes underneath the San Juan sanitary landfill. | San Juan | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Puerto Nuevo Pump Station Rehabilitation | San Juan | \$39,500,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Puerto Nuevo WWTP sanitary sewer improvements | San Juan | \$100,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Raising awareness of water protection measures, enforcing land-use regulations, studies and analysis | ISLAND WIDE | \$13,000,000.00 | Unknown | FEMA MIT, CDBG-DR, EDA, EPA, USDA, USBR | Unknown | ISLAND WIDE | N/A | N/A | Drought | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Rehabilitation of 66-inch and 48-inch transmission pipelines | Bayamón | \$42,630,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Rehabilitation of Lake Cidra Dam | Cidra | \$1,339,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Rehabilitation of Lake Cidra, Candelas raw water pump station | Cidra | \$1,910,950.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Repair or replace equipment for 180 priority community water systems to improve treatment and contingency planning | ISLAND WIDE | \$19,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Repair or replace equipment for all 240 community water systems to improve treatment and contingency planning | ISLAND WIDE | \$21,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Repairing damages of stormwater systems | ISLAND WIDE | \$377,000,000.00 | Unknown | EPA State Revolving Fund, FEMA-MIT 404, USDA Rural Development, Municipalities, DNER | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Repairs to Lago Regulador liner (Isabela WTP) | Isabela | \$5,416,309.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Replace or improve on-site wastewater treatment and disposal systems (septic systems) and decentralized wastewater treatment systems | ISLAND WIDE | \$1,735,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA, Homeowners | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Right-sizing system capacity including conveyances and flood control pump stations; instituting incentive programs for stormwater retention; enhancing structural retrofits to catch, store, and infiltrate stormwater runoff | ISLAND WIDE | \$599,000,000.00 | Unknown | EPA State Revolving Fund, USDA, GoPR, DNER | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Rio Grande Estates - Carolina Trunk Sewer; construct a sanitary trunk sewer to eliminate the Rio Grande Estates wastewater treatment plant and divert its flow to the Carolina wastewater treatment plant | Rio Grande | \$3,300,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Salinas - Guayama Sanitary Trunk Sewer Improvements | Salinas | \$30,900,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Stormwater systems restoration of drainage capacity | ISLAND WIDE | \$127,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA | Unknown | ISLAND WIDE | N/A | N/A | Severe Storms | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Structural improvements to La Plata Dam | Toa Alta | \$40,000,000.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Technical assessment for community water systems Repair or replace equipment for 60 priority community water systems to improve treatment and contingency planning Support for operations, maintenance, and compliance for all community water systems | ISLAND WIDE | \$15,000,000.00 | Unknown | CDBG-DR, EPA State Revolving Fund, USDA Rural Development | Unknown | ISLAND WIDE | N/A | N/A | | Estimated costs are according the FEMA Disaster Recovery Supplemental Report for the Water Sector. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | The Department of Natural and Environmental Resources (DNER/DRNA) will need to hire and train additional staff members to implement solid waste program activities. Staff activity will include landfill permitting, landfill inspections, implementation of the Integrated Solid Waste Management Plan, and more. Hiring new staff will allow for increased permitting of new lined landfills, transfer stations and/or recycling facilities, getting existing dumps in compliance with federal regulations, and for increased inspection of existing landfills or waste management facilities to assure adequate disposal of disaster debris. This action would reduce environmental risks to citizens throughout Puerto Rico by ensuring lined compliant landfills are available for solid waste disposal and that landfills are being inspected to ensure proper management and engineering. | ISLAND WIDE | \$3,600,000.00 | \$6.2M | FEDERAL GRANT; EPA | \$3.6 million | ISLAND WIDE | N/A | N/A | Multi-Hazard Mitigation | |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|---|--|--|---|---|---|---|--|--|---|---|
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Valenciano Reservoir and WTP | Juncos | \$234,671,961.00 | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Vega Baja Wastewater Treatment Plant Trunk Sewer Improvements: Vega Baja main trunk sewer is in a flood zone area and has suffered various collapses | Vega Baja | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | Yabucoa - Humacao Trunk Sewer Improvements: construct a sanitary trunk sewer to eliminate the Yabucoa wastewater treatment plant and divert its flow to the Humacao wastewater treatment plant. | Yabucoa | Unknown | Unknown | CDBG-DR, CDBG-MIT, DNER, Municipalities, EPA State Revolving Fund, USDA Rural Development | Unknown | Unknown | N/A | N/A | | Costs estimates provided by PRASA. |
| Environmental Protection Agency (EPA) | Agency | 06/19/20 | | Vega Baja | \$6,276,400.00 | | | | | | | | Scope of work and cost estimates based on RAND report conducted by Arcadis. |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 65574 Hatillo Cultural Center (Promocion Cultural-Hatillo-Antigua Iglesia Metodista) (Primera Iglesia Metodista) | Windows & Doors, Roofing System | \$3,000,000.00 | | \$3,000,000.00 | | \$3,000,000.00 | | 18.399072, -66.1543289; 18.48603122, -66.82565385 | 18.399072, -66.1543289; 18.48603122, -66.82565385 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 65583 Antigua Hospital, Puerta de Tierra : Archivo General (Biblioteca Nacional Isla de San Juan) | Infrastructure Retrofit (Utilities), Generators, Solar & Battery Systems, Windows & Doors, Roofing Systems, Non Structural Retrofitting, Flood Risk Reductions (Elevators Rooms) Wind Retrofitting, Dryfloodproofing for Historical Properties , Safe Rooms. | \$7,232,722.44 | | \$7,232,722.44 | | \$7,232,722.44 | | 18.463804, -66.092136 | 18.463804, -66.092136 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 87972 Fortin Mirasol (Fuerte Conde Mirasol) | Roofing System, Structural Floors, (Structural Retrofitting), | \$5,000,000.00 | | \$5,000,000.00 | | \$5,000,000.00 | | 18.147125, -65.439060 | 18.147125, -65.439060 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 87977 Fortin de San Geronimo (Fuerte San Geronimo del Boqueron) | Sea Surge Risk, Potential Seawall/Breakwater, Structural Retrofitting, Non Structural Retrofitting | \$6,321,630.00 | | \$6,321,630.00 | | \$6,321,630.00 | | 18.463056, -66.084773 | 18.463056, -66.084773 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 87985 La Galeria Nacional Convento de Santo Domingo-Dominicos (Convento de Los Dominicos) -(GN) | Windows & Doors, Roofing System | \$1,890,871.10 | | \$1,890,871.10 | | EC\$1,890,871.10 | | 18.468065, -66.118451 | 18.468065, -66.118451 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88015 Arsenal del la Marina (Ancient Arsenal of the Spanish Navy) | Sea Surge Risk, Flood Reduction, Drainage Systems | \$23,350,007.00 | | \$23,350,007.00 | | \$23,350,007.00 | | 18.461970, -66.116166 | 18.461970, -66.116166 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88018 Casa de los Dos (2) Zaguanes | Important example of spanish colonial architecture due to its interior space distribution. Work is needed to retrofit and reinforce existing structural elements in exterior and interior galleries and balconies to withstand future wind forces. To upgrade the capability of the timber frame structure of balconies and galleries to withstand future wind impacts similar to the ones repaired and rebuilt. | \$941,750.00 | | \$941,750.00 | | \$941,750.00 | | 18.466030, -66.117244 | 18.466030, -66.117244 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88018 Casa de los Dos (2) Zaguanes | Structural Retrofitting (adjoining wall with Casa Luna Property) | \$941,750.00 | | \$941,750.00 | | \$941,750.00 | | 18.466030, -66.117244 | 18.466030, -66.117244 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88025 Casa Blanca | The original 16th, Century house of Juan Ponce de Leon, first governor and founder of Puerto Rico. The oldest house in the San Juan Islet. Consolidation of the terraced gardens and walls, part of the fortifications of the city of San Juan. Retrofitting existing doors and windows to withstand strong winds. Implementing the mitigation project will improve the safety and conservation of the collection inside the Ponce de Leon House, under future storm impacts. | \$701,260.49 | | \$701,260.49 | | \$701,260.49 | | 18.466427, -66.120124 | 18.466427, -66.120124 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88025 Casa Blanca | Soil Stabilizations (preserving vegetation), Windows, Doors, Roofing System | \$701,260.49 | | \$701,260.49 | | \$701,260.49 | | 18.466427, -66.120124 | 18.466427, -66.120124 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88032 Museo de Farmacia-Familia, VSJ (Museo de Familia) | Important example of domestic architecture in Old San Juan of late 19th century. Work is needed to retrofit and reinforce existing structural elements in exterior galleries and balconies to withstand future wind forces. Retrofitting existing doors and windows implementing the mitigation project will provide the safety and conservation conditions needed for the infrastructure, and equipment of the exhibition spaces. Windows and doors more resilient to storms effects. | \$492,375.28 | | \$492,375.28 | | \$492,375.28 | | 18.465613, -66.113161 | 18.465613, -66.113161 | Multi-Hazard Mitigation |



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| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88036 Casa del Libro | Good example of spanish colonial architecture that houses an important collection of rare books and manuscripts. Work is needed to retrofit and reinforce existing structural elements doors and windows. Consolidation of existing roofing system. Implementing the mitigation project will provide the ideal conditions for the protection and conservation of the collection inside. | \$452,469.38 | | \$452,469.38 | | \$452,469.38 | | 18.464267, -66.117732 | 18.464267, -66.117732 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88036 Casa del Libro | Windows & Doors, Roofing System, Generators | \$452,469.38 | | \$452,469.38 | | \$452,469.38 | | 18.464267, -66.117732 | 18.464267, -66.117732 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88044 Casa de Arte Religioso, Porta Coeli (Museum of Religious Art, Santo Domingo de Porta Coeli) | Slope Stabilization, Soil Stabilization, Mitigation Reconstruction (Masonry Wall in HIGH Risk) Generators, Windows & Doors, Roofing Systems, Wind Retrofitting, Dry/floodproofing for Historical Properties. | \$2,090,110.00 | | \$2,090,110.00 | | \$2,090,110.00 | | 18.081995, -67.040704 | 18.081995, -67.040704 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88053 Casa de los Contrafuerles (Casa Suazo) | Important example of architecture of late the 18th century. Reinforcement of structural elements in the roofs system, new cladding systems. Additional installation of windows and doors hardware. Implementing the mitigation project will provide the safety and conservation conditions needed for the infrastructure, and equipment of the exhibition spaces. Windows and doors more resilient to storms effects. | \$733,498.78 | | \$733,498.78 | | \$733,498.78 | | 18.467226, -66.117973 | 18.467226, -66.117973 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88054 Teatro Mallenza (Teatro Francisco Arrivi) | Windows, Doors, Roofing System | \$2,262,579.42 | | \$2,262,579.42 | | \$2,262,579.42 | | 18.444711, -66.066627 | 18.444711, -66.066627 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88054 Teatro Music Hall (Teatro Victoria Espinoza) | Windows, Doors, Roofing System | | | | | | | 18.444711, -66.066627 | 18.444711, -66.066627 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88055 Casa Wiechers Villaronga, Ponce (Casa Villaronga) | Important example of Art Noveau architecture in Ponce. Work is needed to retrofit and reinforce existing structural elements in exterior galleries and balconies to withstand future wind forces. Retrofitting existing doors and windows. Implementing the mitigation project will improve the safety and conservation of the collection of furniture and artifacts inside. Windows and doors more resilient to storms effects. | \$113,331.97 | | \$113,331.97 | | \$113,331.97 | | 18.467226, -66.117973 | 18.467226, -66.117973 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88055 Casa Wiechers Villaronga, Ponce (Casa Villaronga) | Windows, Doors, Roofing System | \$113,331.97 | | \$113,331.97 | | \$113,331.97 | | 18.467226, -66.117973 | 18.467226, -66.117973 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88057 Casa Serralles (Museo de la Música Puertorriqueña) | Important example of domestic architecture in Ponce of late 19th century. Reinforcement of structural elements in the roofs system, new cladding systems. Additional installation of windows and doors hardware. Implementing the mitigation project will improve the safety and conservation of the collection inside. Windows and doors more resilient to storms effects. | \$271,828.38 | | \$271,828.38 | | \$271,828.38 | | 18.012606, -66.610802 | 18.012606, -66.610802 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88057 Casa Serralles (Museo de la Música Puertorriqueña) | Windows, Doors, Roofing System | \$271,828.38 | | \$271,828.38 | | \$271,828.38 | | 18.012606, -66.610802 | 18.012606, -66.610802 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88060 Casilla de Caminero, Albonito (Casa del Caminero) (Centro Cultural Angel Ortiz Diaz) | Brick masonry building as part of the 19th Century road construction program. Reinforcing the historic roofs system and brick masonry walls. Upgrading existing windows and doors to the same resilient design as the new ones to be installed. Implementing the mitigation project will provide the safety and conservation conditions needed for the infrastructure, and equipment of the exhibition spaces. Windows and doors more resilient to storms effects. | \$169,792.77 | | \$169,792.77 | | \$169,792.77 | | 18.141634, -66.256271 | 18.141634, -66.256271 | Multi-Hazard Mitigation |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88063 Casa Jesus T. Pinero | Early 20th century bungalow. Reinforcing the historic roots system and masonry walls. Upgrading existing windows and doors to the same resilient design as the new ones to be installed. Implementing the mitigation project will provide the safety and conservation conditions needed for the infrastructure, and equipment of the exhibition spaces. Will provide protection of the offices infrastructure, archives and equipment. Windows and doors more resilient to storms effects. | \$460,960.22 | | \$460,960.22 | | \$460,960.22 | | 18.376581, -65.909176 | 18.376581, -65.909176 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88067 Casa Cautino (Museo) | Important example of domestic architecture in Guayama of late 19th century. Important collection of furniture and artifacts. Reinforcement of structural elements in the roofs system, new cladding systems. Additional installation of windows and doors hardware. Implementing the mitigation project will improve the safety and conservation of the collection inside. Windows and doors more resilient to storms effects. | \$256,053.30 | | \$256,053.30 | | \$256,053.30 | | 17.985903, -66.113159 | 17.985903, -66.113159 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88071 Casa Museo Luis Munoz Rivera | Important example of traditionally timber frame building architecture in Puerto Rico. Work is needed to retrofit and reinforce existing structural elements in exterior galleries and balconies and roof system, to withstand future wind forces. Retrofitting existing doors and windows. Implementing the mitigation project will improve the structural capacity of the roofing system. Windows and doors will become more resilient to storms effects. | \$141,425.81 | | \$141,425.81 | | \$141,425.81 | | 18.185134, -66.307338 | 18.185134, -66.307338 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88073 (Museo) Casa Armstrong-Poventud | Important example of Neo classic architecture in Ponce, ICP Southern Region Headquarters. Work is needed to retrofit and reinforce existing structural elements doors and windows. Consolidation of existing roofing system. Implementing the mitigation project will provide the safety and conservation needed of the offices infrastructure, archives and equipment. Windows and doors more resilient to storms effects. | \$97,232.65 | | \$97,232.65 | | \$97,232.65 | | 18.011767, -66.614487 | 18.011767, -66.614487 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88073 (Museo) Casa Armstrong-Poventud | Windows & Doors, Roofing System, Generators | \$97,232.65 | | \$97,232.65 | | \$97,232.65 | | 18.011767, -66.614487 | 18.011767, -66.614487 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88074 Casa Izary Pieri | Important example of domestic architecture of late 19th century. Work is needed to retrofit and reinforce existing structural elements in galleries, balconies and roofs to withstand future wind forces. Retrofitting existing doors and windows. Implementing the mitigation project will provide the safety and conservation conditions needed for the infrastructure, and equipment of the exhibition spaces. Will provide protection of the offices infrastructure, archives and equipment. Windows and doors more resilient to storms effects. | | | | | | | 18.079864, -66.960195 | 18.079864, -66.960195 | Multi-Hazard Mitigation |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88078 Casa Urrutia | Important example of domestic architecture in Mayaguez of late 19th century. ICP Headquarters in the west. Reinforcement of structural elements in the roofs system, new cladding systems. Additional installation of windows and doors hardware. Implementing the mitigation project will provide the safety and conservation needed of the offices infrastructure, archives and equipment. Windows and doors more resilient to storms effects. | \$90,372.76 | | \$90,372.76 | | \$90,372.76 | 18.200869, -67.143841 | 18.200869, -67.143841 | | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88079 Museo de la Masacre | Important example of domestic architecture in Ponce of late 19th century. Work is needed to retrofit and reinforce existing structural elements in exterior galleries and balconies to withstand future wind forces. Retrofitting existing doors and windows. Implementing the mitigation project will improve the safety and conservation of the collection inside. | \$67,353.04 | | \$67,353.04 | | \$67,353.04 | 18.009505, -66.613561 | 18.009505, -66.613561 | | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88079 Museo de la Masacre | Windows, Doors, Roofing System | \$67,353.04 | | \$67,353.04 | | \$67,353.04 | 18.009505, -66.613561 | 18.009505, -66.613561 | | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88080 Centro Cultural de Ponce Carmen Solá de Pereira [(Museo) Cristina 70 (CC)] | Important example of domestic architecture in Ponce of late 19th century. Important collection of furniture and artifacts. Reinforcement of structural elements in the roofs system, new cladding systems. Upgrade doors and windows hardware. Implementing the mitigation project will improve the structural capacity of the roofing system. Windows and doors will become more resilient to storms effects. | \$284,860.73 | | \$284,860.73 | | \$284,860.73 | 18.011898, -66.613159 | 18.011898, -66.613159 | | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88082 Parque y Centro Ceremonial Indígena (The Caguana Parque y Centro Ceremonial Indígena, or Caguana Ceremonial Ball Courts site) or (Museo Ceremonial Indígena de Caguana) and Bateys de Caguana Parque Arqueológico de Caguana | Visitors Center and museum that houses important collection of artifacts from the Pre Colombian era. Upgrading existing windows and doors to the same resilient design as the new ones to be installed. Retaining walls and landscape. Implementing the mitigation project will improve the safety and conservation of the collection inside. Windows and doors more resilient to storms effect. The conservation of the actual archaeological site. | \$585,383.19 | | \$585,383.19 | | \$585,383.19 | 18.295350, -66.778182 | 18.295350, -66.778182 | | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88083 Casa del Sargento, VSJ | Important example of architecture of late the 19th century. Reinforcement of structural elements in the roofs system, new cladding systems. Additional installation of windows and doors hardware. Implementing the mitigation project will provide the safety and conservation conditions needed for the infrastructure, and equipment of the exhibition spaces. Windows and doors more resilient to storms effects. | \$110,530.14 | | \$110,530.14 | | \$110,530.14 | 18.467373, -66.113985 | 18.467373, -66.113985 | | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88085 Casa Museo / Casa Biblioteca de Dra. Concha Melendez | Neo Spanish architecture house. Library of Mrs. Concha Meléndez. Retrofitting and improvement of doors and windows hardware. Implementing the mitigation project will improve the safety and conservation of the collection inside. Windows and doors more resilient to storms effects. Ave. Villa Mayo esq. Calle Manuel Rodríguez Sierra, Condado, PR | \$251,762.02 | | \$251,762.02 | | \$251,762.02 | 18.452829, -66.067383 | 18.452829, -66.067383 | | Multi-Hazard Mitigation |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|---|---|--|---|--|---|--|---|---|---|--|
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | 88088 Museo Ruinas de Caparra (Caparra Archaeological Site); Villa Caparra | Visitors Center and museum that houses important collection of artifacts from the 16th century. Upgrading existing windows and doors to the same resilient design as the new ones to be installed. Implementing the mitigation project will improve the safety and conservation of the collection inside. Windows and doors more resilient to storms effect | \$88,460.23 | | \$88,460.23 | | \$88,460.23 | | 18.404994, -66.113653 | 18.404994, -66.113653 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Archivo General del Puerto Rico | Planning Design and Construction - A new archive must be rebuilt, the area of Rio Piedras, between UAGM and Jardin Botanico is evaluated as an ideal site. | \$40,000,000.00 | | \$40,000,000.00 | | \$40,000,000.00 | | San Juan | San Juan | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa Cautina (Museo) | Windows, Doors, Roofing System | \$256,053.30 | | \$256,053.30 | | \$256,053.30 | | 17.985903, -66.113159 | 17.985903, -66.113159 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa de los Contrafuertes (Casa Suazo) | Windows, Doors, Roofing System | \$733,498.78 | | \$733,498.78 | | \$733,498.78 | | 18.467226, -66.117973 | 18.467226, -66.117973 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa del Sargento, VSJ | Windows, Doors, Roofing System | \$110,530.14 | | \$110,530.14 | | \$110,530.14 | | 18.467373, -66.113985 | 18.467373, -66.113985 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa Izary Pierli | Windows, Doors, Roofing System | \$500,000.00 | | \$500,000.00 | | \$500,000.00 | | 18.079864, -66.960195 | 18.079864, -66.960195 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa Jesus T. Pinero | Windows, Doors, Roofing System | \$460,960.22 | | \$460,960.22 | | \$460,960.22 | | 18.376581, -65.909176 | 18.376581, -65.909176 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa Museo / Casa Biblioteca de Dra. Concha Melendez | Windows, Doors, Roofing System | \$251,762.02 | | \$251,762.02 | | \$251,762.02 | | 18.452829, -66.067383 | 18.452829, -66.067383 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa Museo Luis Munoz Rivera | Windows, Doors, Roofing System | \$141,425.81 | | \$141,425.81 | | \$141,425.81 | | 18.185134, -66.307338 | 18.185134, -66.307338 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casa Urutilla | Windows, Doors, Roofing System | \$90,372.76 | | \$90,372.76 | | \$90,372.76 | | 18.200869, -67.143841 | 18.200869, -67.143841 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Casilla de Caminero, Albonito (Casa del Caminero) (Centro Cultural Angel Ortiz Diaz) | Windows, Doors, Roofing System | \$169,792.77 | | \$169,792.77 | | \$169,792.77 | | 18.141634, -66.256271 | 18.141634, -66.256271 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Centro Cultural de Ponce Carmen Solá de Pereira [(Museo) Cristina Pó (CC)] | Windows, Doors, Roofing System | \$284,860.73 | | \$284,860.73 | | \$284,860.73 | | 18.011898, -66.613159 | 18.011898, -66.613159 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | ICP Headquarters (Instituto de Cultura Puertorriqueña (ICP) SEDE (Headquarters)) Antigua Asilo Beneficencia | Windows, Doors, Roofing System | \$500,000.00 | | \$500,000.00 | | \$500,000.00 | | 18.399072, -66.154328 | 18.399072, -66.154328 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | MUSEO BARBOSA, BAYAMON PR | Windows, Doors, Roofing System | \$500,000.00 | | \$500,000.00 | | \$500,000.00 | | 18.399072, -66.154328 | 18.399072, -66.154328 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Museo de Farmacia-Familia, VSJ (Museo de Familia) | Windows, Doors, Roofing System | \$492,375.28 | | \$492,375.28 | | \$492,375.28 | | 18.465613, -66.113161 | 18.465613, -66.113161 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Museo Ruinas de Caparra (Caparra Archaeological Site); Villa Caparra | Windows, Doors, Roofing System | \$88,460.23 | | \$88,460.23 | | \$88,460.23 | | 18.404994, -66.113653 | 18.404994, -66.113653 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Parque y Centro Ceremonial Indígena (The Caguana Parque y Centro Ceremonial Indígena, or Caguana Ceremonial Ball Courts site) or (Museo Ceremonial Indígena de Caguana) and Batays de Caguana Parque Arqueológico de Caguana | Soil Stabilization (stabilization of water currents), Windows & Doors, Roofing Systems | \$585,383.19 | | \$585,383.19 | | \$585,383.19 | | 18.295350, -66.778182 | 18.295350, -66.778182 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Teatro Maltenzo (Teatro Francisco Arvizu) | Windows, Doors, Roofing System | \$2,262,579.42 | | \$2,262,579.42 | | \$2,262,579.42 | | 18.444711, -66.066627 | 18.444711, -66.066627 | Multi-Hazard Mitigation |
| Instituto de Cultura Puertorriqueña (ICP) | Agency | 08/19/20 | Teatro Music Hall (Teatro Victoria Espinoza) | Windows, Doors, Roofing System | \$500,000.00 | | \$500,000.00 | | \$500,000.00 | | 18.444711, -66.066627 | 18.444711, -66.066627 | Multi-Hazard Mitigation |
| Junta de Planificación (JP) | Agency | 06/30/20 | An island wide coseismic landslide susceptibility map. Develop a map of PR to determine the areas susceptible to landslides by different seismic scenarios. This will be beneficial to all the local and federal government agencies. | ISLAND WIDE | \$600,000.00 | | | \$600,000.00 | ISLAND WIDE | | | | |
| Junta de Planificación (JP) | Agency | 06/30/20 | An island wide liquefaction map. Develop a map of PR classifying areas susceptible to liquefaction. This will be useful to determine the susceptibility by different earthquake scenarios, be beneficial to all the local and federal government agencies. | ISLAND WIDE | Unknown | | | | ISLAND WIDE | | | | |
| Junta de Planificación (JP) | Agency | 06/30/20 | Earthquake Related Natural Hazard Identification Area Map. Provide a detailed map, gis database and land use planning methodology of the areas identified with a risk level of liquefaction and seismic wave amplification. | ISLAND WIDE | \$800,000.00 | | | \$800,000.00 | ISLAND WIDE | | | | |
| Junta de Planificación (JP) | Agency | 06/30/20 | Elevation measurements for PR. After the recent earthquakes in southern part of the island the elevation and position of benchmarks around the island have shifted. This is demonstrated by recent studies performed by NASA. New surveys should be carried out island wide to adjust these. Updated measurements will be beneficial to delineate the most affected areas, plan for new development and update or create new policies for construction. | ISLAND WIDE | \$750,000.00 | | | \$750,000.00 | ISLAND WIDE | | | | |
| Junta de Planificación (JP) | Agency | 06/30/20 | Fire related natural hazard identification area map | ISLAND WIDE | \$500,000.00 | | | \$500,000.00 | ISLAND WIDE | | | | |
| Junta de Planificación (JP) | Agency | 06/30/20 | Sinkhole Map | ISLAND WIDE | \$500,000.00 | | | \$500,000.00 | ISLAND WIDE | | | | |
| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | CLEAN AND EFFICIENT ENERGY IS IMPORTANT IN THIS MITIGATION POWER PROJECT AS IS SOLAR ENERGY. SOLAR ENERGY IN OUR FACILITIES WOULD BE OF GREAT SUPPORT AT ALL TIMES TO ATTEND TO THE DIFFERENT EMERGENCIES. COMMUNICATION IN OUR FACILITIES IS FUNDAMENTAL TODAY. SOLAR ENERGY KEEPS US CONSTANTLY ENERGIZED REGARDLESS OF NATURAL EVENTS. SINCE 2017 PUERTO RICO SUFFERED TWO HURRICANES: IRMA AND MARIA, BUT ONLY ONE KEPT US INCOMMUNICADO FOR MONTHS UNTIL THE ENERGY REACHED THE DIFFERENT VILLAGES. THE EVENTS CONTINUED AND WE WERE HIT BY THE EARTHQUAKES IN 2020. ALL THESE EVENTS ARE AN INDEX THAT WE NEED TO CHANGE TO IMPROVE OUR INFRASTRUCTURE. | THE LOCATION WOULD BE FOR THE 188 FACILITIES THAT ARE OCCUPIED BY THE PUERTO RICO POLICE. THESE STRUCTURES ARE IN CEMENT AND SOME HAVE MORE THAN ONE FLOOR. IT HAS PARKING IN ASFALTOS AND SOME IN CONCRETE. THE TABLE IS LINKED WITH ALL THE LOCATIONS OF THE FACILITIES WITH THEIR ADDRESSES AND COORDINATES. Calle Gerónimo Martínez Int. Calle Ignacio López *(Calle Viscorondo, Bo. Robles, Albonito PR 00786 Calle San Jose Oeste 53, Albonito PR. 00705 *(Calle San Jose Oeste # 55, Albonito PR. 00609) - AAA Ave. Villa Universitaria #2, Bananquillas *ISDA, Camerino, Bananquillas | Unknown | | | | 44,175 P/C 18.13876 18.13946 3,400 P/C 18.18496 3,400 P/C 18.080556 3,400 P/C 18.21654 18.22385 3,400 P/C 18.06832 21,537 P/C 3,500 P/C 3,400 P/C 18.486911 3,400 P/C 18.48649 18.42042 7,088 P/C 3,400 P/C 18.43161 3,500 P/C 3,400 P/C 10,997 P/C * * 18.44352 18.48075 18.48666 8,100p/c 2,880 P/C | -66.26493 -66.2964 -66.30605 -66.362278 -66.22499 -66.39198 -66.36532 -66.72594 -66.93723 -66.847763 -66.82737 -66.61223 -66.5672 -66.53993 -66.48262 -66.40635 -66.46989 -66.7314 -66.75342 -66.62261 -66.70112 -66.82723 -66.46588 -66.72584 | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES THIS PROJECT PROMOTES THE CANCELLATION OF ENERGY BY THE ELECTRIC ENERGY COMPANY OF PUERTO RICO WHEN NATURAL EVENTS IMPACT US. WITH THIS PURPOSE WE CAN WORK MORE EFFICIENTLY IN THE TIMES OF EMERGENCY AND RESPOND. | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|---|--|--|--|---|---|---|--|--|--|---|
| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | THE DESCRIPTION OF THE PROJECT IS TO STRENGTHEN IS THE STRUCTURE AGAINST EARTHQUAKES. SINCE THE MONTH OF DECEMBER 2019 THE ISLAND OF PUERTO RICO BEGAN TO FEEL A SERIES OF EARTHQUAKES IN THE SOUTH EAST AREA AND WHEN WE ARRIVED ON JANUARY 7, 2020 WE SUFFERED THE LARGEST EARTHQUAKE THAT CAUSED STRUCTURES OF THE NEGOTIATED PUERTO RICO POLICE. STAFF WERE RELOCATED SO THAT THE SURVEILLANCE SERVICE WOULD NOT BE AFFECTED. THIS TYPE OF PROJECT WOULD GREATLY ASSIST IN THE STRUCTURES AND REINFORCE IT FOR FUTURE EVENTS IN THE SEISMIC AREA. | THE LOCATION OF THE FACILITIES SERIOUS IN: Distrito Santa Isabel 17.9609, -66.40511 STRUCTURES ARE IN CEMENT AND AFALTED. | \$200,000.00 | | | | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES OF APPROXIMATE 1,500 P/C. | 17.9609 | -66.40511 | THIS PROJECT MITIGATES FUTURE EARTHQUAKE EVENTS IN PUERTO RICO'S SOUTH EAST AREA. THIS PROJECT WILL NOT AFFECT THE FACILITIES OF THE PUERTO RICO POLICE NEGOTIATING AND WE WILL CONTINUE TO PROVIDE SECURITY AND SECURITY TO THE CITY. | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES. |
| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | THE DESCRIPTION OF THE PROJECT IS TO STRENGTHEN IS THE STRUCTURE AGAINST EARTHQUAKES. SINCE THE MONTH OF DECEMBER 2019 THE ISLAND OF PUERTO RICO BEGAN TO FEEL A SERIES OF EARTHQUAKES IN THE SOUTH EAST AREA AND WHEN WE ARRIVED ON JANUARY 7, 2020 WE SUFFERED THE LARGEST EARTHQUAKE THAT CAUSED STRUCTURES OF THE NEGOTIATED PUERTO RICO POLICE. STAFF WERE RELOCATED SO THAT THE SURVEILLANCE SERVICE WOULD NOT BE AFFECTED. THIS TYPE OF PROJECT WOULD GREATLY ASSIST IN THE STRUCTURES AND REINFORCE IT FOR FUTURE EVENTS IN THE SEISMIC AREA. | THE LOCATION OF THE FACILITIES SERIOUS IN: Distrito Villalba 18.12549, -66.49366 STRUCTURES ARE IN CEMENT AND AFALTED. | \$200,000.00 | | | | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES OF APPROXIMATE 1,500 P/C. | 18.12549 | -66.49366 | THIS PROJECT MITIGATES FUTURE EARTHQUAKE EVENTS IN PUERTO RICO'S SOUTH EAST AREA. THIS PROJECT WILL NOT AFFECT THE FACILITIES OF THE PUERTO RICO POLICE NEGOTIATING AND WE WILL CONTINUE TO PROVIDE SECURITY AND SECURITY TO THE CITY. | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES. |
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Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
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| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | THE DESCRIPTION OF THE PROJECT IS TO STRENGTHEN IS THE STRUCTURE AGAINST EARTHQUAKES. SINCE THE MONTH OF DECEMBER 2019 THE ISLAND OF PUERTO RICO BEGAN TO FEEL A SERIES OF EARTHQUAKES IN THE SOUTH EAST AREA AND WHEN WE ARRIVED ON JANUARY 7, 2020 WE SUFFERED THE LARGEST EARTHQUAKE THAT CAUSED STRUCTURES OF THE NEGOTIATED PUERTO RICO POLICE. STAFF WERE RELOCATED SO THAT THE SURVEILLANCE SERVICE WOULD NOT BE AFFECTED. THIS TYPE OF PROJECT WOULD GREATLY ASSIST IN THE STRUCTURES AND REINFORCE IT FOR FUTURE EVENTS IN THE SEISMIC AREA. | THE LOCATION OF THE FACILITIES SERIOUS IN: Distrito Peñuelas-18.05553, -66.72436 STRUCTURES ARE IN CEMENT AND AFALTED. | \$200,000.00 | | | | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES OF APPROXIMATE 1,500 P/C. | 18.05553 | -66.72436 | THIS PROJECT MITIGATES FUTURE EARTHQUAKE EVENTS IN PUERTO RICO'S SOUTH EAST AREA. THIS PROJECT WILL NOT AFFECT THE FACILITIES OF THE PUERTO RICO POLICE NEGOTIATING AND WE WILL CONTINUE TO PROVIDE SECURITY AND SECURITY TO THE CITY. | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES. |
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| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | THE DESCRIPTION OF THE PROJECT IS TO STRENGTHEN IS THE STRUCTURE AGAINST EARTHQUAKES. SINCE THE MONTH OF DECEMBER 2019 THE ISLAND OF PUERTO RICO BEGAN TO FEEL A SERIES OF EARTHQUAKES IN THE SOUTH EAST AREA AND WHEN WE ARRIVED ON JANUARY 7, 2020 WE SUFFERED THE LARGEST EARTHQUAKE THAT CAUSED STRUCTURES OF THE NEGOTIATED PUERTO RICO POLICE. STAFF WERE RELOCATED SO THAT THE SURVEILLANCE SERVICE WOULD NOT BE AFFECTED. THIS TYPE OF PROJECT WOULD GREATLY ASSIST IN THE STRUCTURES AND REINFORCE IT FOR FUTURE EVENTS IN THE SEISMIC AREA. | THE LOCATION OF THE FACILITIES SERIOUS IN: Distrito Yauco-18.03681, -66.85969 STRUCTURES ARE IN CEMENT AND AFALTED. | \$200,000.00 | | | | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES OF APPROXIMATE 1,500 P/C. | 18.03681 | -66.85969 | THIS PROJECT MITIGATES FUTURE EARTHQUAKE EVENTS IN PUERTO RICO'S SOUTH EAST AREA. THIS PROJECT WILL NOT AFFECT THE FACILITIES OF THE PUERTO RICO POLICE NEGOTIATING AND WE WILL CONTINUE TO PROVIDE SECURITY AND SECURITY TO THE CITY. | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES. |
| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | THE DESCRIPTION OF THE PROJECT IS TO STRENGTHEN IS THE STRUCTURE AGAINST EARTHQUAKES. SINCE THE MONTH OF DECEMBER 2019 THE ISLAND OF PUERTO RICO BEGAN TO FEEL A SERIES OF EARTHQUAKES IN THE SOUTH EAST AREA AND WHEN WE ARRIVED ON JANUARY 7, 2020 WE SUFFERED THE LARGEST EARTHQUAKE THAT CAUSED STRUCTURES OF THE NEGOTIATED PUERTO RICO POLICE. STAFF WERE RELOCATED SO THAT THE SURVEILLANCE SERVICE WOULD NOT BE AFFECTED. THIS TYPE OF PROJECT WOULD GREATLY ASSIST IN THE STRUCTURES AND REINFORCE IT FOR FUTURE EVENTS IN THE SEISMIC AREA. | THE LOCATION OF THE FACILITIES SERIOUS IN: Ponce Oeste 258-17.99104, -66.64674 STRUCTURES ARE IN CEMENT AND AFALTED. | \$200,000.00 | | | | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES OF APPROXIMATE 1,500 P/C. | 17.99104 | -66.64674 | THIS PROJECT MITIGATES FUTURE EARTHQUAKE EVENTS IN PUERTO RICO'S SOUTH EAST AREA. THIS PROJECT WILL NOT AFFECT THE FACILITIES OF THE PUERTO RICO POLICE NEGOTIATING AND WE WILL CONTINUE TO PROVIDE SECURITY AND SECURITY TO THE CITY. | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES. |
| Negociado de la Policía de Puerto Rico (POLICIA) | Agency | 08/10/20 | THE DESCRIPTION OF THE PROJECT IS TO STRENGTHEN IS THE STRUCTURE AGAINST EARTHQUAKES. SINCE THE MONTH OF DECEMBER 2019 THE ISLAND OF PUERTO RICO BEGAN TO FEEL A SERIES OF EARTHQUAKES IN THE SOUTH EAST AREA AND WHEN WE ARRIVED ON JANUARY 7, 2020 WE SUFFERED THE LARGEST EARTHQUAKE THAT CAUSED STRUCTURES OF THE NEGOTIATED PUERTO RICO POLICE. STAFF WERE RELOCATED SO THAT THE SURVEILLANCE SERVICE WOULD NOT BE AFFECTED. THIS TYPE OF PROJECT WOULD GREATLY ASSIST IN THE STRUCTURES AND REINFORCE IT FOR FUTURE EVENTS IN THE SEISMIC AREA. | THE LOCATION OF THE FACILITIES SERIOUS IN: Ponce Este 158-18.01041, -66.62944 STRUCTURES ARE IN CEMENT AND AFALTED. | \$200,000.00 | | | | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES OF APPROXIMATE 1,500 P/C. | 18.01041 | -66.62944 | THIS PROJECT MITIGATES FUTURE EARTHQUAKE EVENTS IN PUERTO RICO'S SOUTH EAST AREA. THIS PROJECT WILL NOT AFFECT THE FACILITIES OF THE PUERTO RICO POLICE NEGOTIATING AND WE WILL CONTINUE TO PROVIDE SECURITY AND SECURITY TO THE CITY. | MOST OF THE FACILITIES OCCUPIED BY THE NEGOTIATION OF THE PUERTO RICO POLICE ARE FACILITIES RENTED TO DIFFERENT ENTITIES. |
| OEG | Agency | 06/30/20 | Channeling the "Quebrada Mongil" that is behind our facilities or increase water flow beneath the bridge in the Ganges street. To avoid flooding of our parking and the Industrial Zone "EL PARAISO". Persons who will benefit - OEG employees and the community | Quebrada Mongil - Rio Piedras Puerto Rico | \$125,000.00 | 0 | N/A | \$125,000.00 | | 18.382328 | -66.07 | | |
| OEG | Agency | 06/30/20 | The Office of Governmental Ethics has a water harvesting system which can collect up to 11,000 gallons of rainwater and utilizes it for the office bathrooms. This new project would take the harvested water and convert it into safe drinking water for the office. | Urb Industrial el Paraiso , 108 calle Ganges , San Juan , PR | \$50,000.00 | 0 | N/A | \$35,000.00 | N/A | | | | |
| Ponce Neighborhood Housing Services, Inc. | Agency | 07/27/20 | Proyecto para mitigar la pérdida de servicios de electricidad, prevención de la seguridad alimentaria y mejorar el sistema de agua potable en la Comunidad de Portugués en Adjuntas ante la temporada de huracanes y de igual forma promover el nivel socioeconómico de la zona por medio de la creación de cooperativas agroalimentarias. | El Barrio Portugués se encuentra en el municipio de Adjuntas, al Noroeste de Ponce, colindando con el Barrio Guaraguao de esa ciudad. | \$500,000.00 | | USDA - RURAL \$53,235.00 // Hispanic Federation \$250,000.00// Neighborsworks America \$4,000.00 | \$200,000.00 | | 18.16274 | -66.72212 | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|--|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| PR. OFF. SPECIAL INDEPENDENT PROSECUTOR'S PANEL (FEI) | Agency | 08/18/20 | N/A | N/A | Unknown | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Programa de Educación Comunal de Entrega y Servicio (P.E.C.E.S.) | Agency | 07/25/20 | Assistance to businesses for the installation of disaster mitigation improvements and technologies; 40 businesses x \$30,000 (average) each; 40 businesses x \$30,000 (average) each | Punta Santiago, Humacao | \$1,200,000.00 | \$0.00 | None yet. Additional funding may be available from EDA (U.S. Department of Commerce) and Rural Development Administration (USDA) | \$1,200,000.00 | 715 | 18° 9' 43.00"N | minus 65° 45' 20.00"W | Multi-Hazard Mitigation | Prevent the loss of life and property in a future disaster; prevent repetitive losses; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. P.E.C.E.S. has provided support to over 35 business in Punta Santiago after Hurricane Maria |
| Programa de Educación Comunal de Entrega y Servicio (P.E.C.E.S.) | Agency | 07/25/20 | Buyouts (potentially accompanied by additional retrofitting or homeownership assistance for relocated families); 2,144 housing units x \$50,000 (average) each | Punta Santiago, Humacao | \$107,200,000.00 | \$0.00 | None yet. Additional funding may be available from EDA (U.S. Department of Commerce) and Rural Development Administration (USDA) | \$107,200,000.00 | 715 | 18° 9' 43.00"N | minus 65° 45' 20.00"W | Multi-Hazard Mitigation | Prevent the loss of life and property in a future disaster; prevent repetitive losses; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. P.E.C.E.S. is responsible for the repair of over 200 housing units in Punta Santiago after Hurricane Maria |
| Programa de Educación Comunal de Entrega y Servicio (P.E.C.E.S.) | Agency | 07/25/20 | Elevation (which may be accompanied by rehabilitation, reconstruction, or new construction activities to support resilient housing); 2,144 housing units x \$60,000 (average) each | Punta Santiago, Humacao | \$128,640,000.00 | \$0.00 | None yet. Additional funding may be available from EDA (U.S. Department of Commerce) and Rural Development Administration (USDA) | \$128,640,000.00 | 715 | 18° 9' 43.00"N | minus 65° 45' 20.00"W | Multi-Hazard Mitigation | Prevent the loss of life and property in a future disaster; prevent repetitive losses; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. P.E.C.E.S. is responsible for the repair of over 200 housing units in Punta Santiago after Hurricane Maria |
| Programa de Educación Comunal de Entrega y Servicio (P.E.C.E.S.) | Agency | 07/25/20 | Flood proofing; and wind, water, fire, earthquake retrofitting or "hardening" of single- and multifamily units; 2,144 housing units x \$30,000 (average) each | Punta Santiago, Humacao | \$64,320,000.00 | \$0.00 | None yet. Additional funding may be available from EDA (U.S. Department of Commerce) and Rural Development Administration (USDA) | \$64,320,000.00 | 715 | 18° 9' 43.00"N | minus 65° 45' 20.00"W | Multi-Hazard Mitigation | Prevent the loss of life and property in a future disaster; prevent repetitive losses; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. P.E.C.E.S. is responsible for the repair of over 200 housing units in Punta Santiago after Hurricane Maria |
| Programa de Educación Comunal de Entrega y Servicio (P.E.C.E.S.) | Agency | 07/25/20 | Green or natural mitigation infrastructure development; Dune and Retention Ponds for the Punta Santiago Coastline | Punta Santiago, Humacao | \$30,000,000.00 | \$0.00 | None yet. Additional funding may be available from the Faith and Wildlife Foundation (Stateside philanthropy) | \$30,000,000.00 | 37.07 | 18° 9' 43.00"N | minus 65° 45' 20.00"W | Tsunami | Prevent the loss of life and property in a future disaster; prevent repetitive losses; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to coastal flooding, storm surge, tsunamis, sea level rise, and other natural hazards. P.E.C.E.S. has been exploring this mitigation measure even before Hurricane Maria. |
| Programa de Educación Comunal de Entrega y Servicio (P.E.C.E.S.) | Agency | 07/25/20 | "Hardening" of commercial areas and facilities; 40 businesses x \$15,000 (average) each | Punta Santiago, Humacao | \$600,000.00 | \$0.00 | None yet. Additional funding may be available from EDA (U.S. Department of Commerce) and Rural Development Administration (USDA) | \$600,000.00 | 715 | 18° 9' 43.00"N | minus 65° 45' 20.00"W | Multi-Hazard Mitigation | Prevent the loss of life and property in a future disaster; prevent repetitive losses; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. P.E.C.E.S. has provided support to over 35 business in Punta Santiago after Hurricane Maria |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (existing lot owned by the CDIPC); improvements to existing lot including green house | | \$1,000,000.00 | \$0.00 | | \$1,000,000.00 | | | | Multi-Hazard Mitigation | existing land lot owned by the CDIPC to be used for commercial agronomic environmental restoration commerce. Requires Planning Board Approval |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (existing project site improvements); Guachinanga Island Improvements and Restoration | | \$3,000,000.00 | \$0.00 | | \$3,000,000.00 | | | | Multi-Hazard Mitigation | existing facilities to be improved and expanded |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (existing project site improvements); improvements of Paseo Lineal Facilities | | \$250,000.00 | \$0.00 | | \$250,000.00 | | | | Multi-Hazard Mitigation | existing facilities to be improved and expanded |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (Main Access Corridor); Central Streets Improvements | | \$4,970,000.00 | \$0.00 | | \$4,970,000.00 | | | | Multi-Hazard Mitigation | Priority one. Supporting infrastructure improvements for existing and proposed socio-economics projects. |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (Main Access Corridor); Housing Rehabilitation, Architecture and Urban Projects | | \$1,000,000.00 | \$0.00 | | \$1,000,000.00 | | | | Multi-Hazard Mitigation | Priority one. Supporting infrastructure improvements for existing and proposed socio-economics projects. |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (Main Access Corridor); Housing Rehabilitation, Architecture and Urban Projects | | \$1,000,000.00 | \$0.00 | | \$1,000,000.00 | | | | Multi-Hazard Mitigation | existing land lot owned by the CDIPC to be used for commercial agronomic environmental restoration commerce. Requires Planning Board Approval |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (North Corridor); Northern Corridor Reallocations (BUY-OUTS) | | \$5,500,000.00 | \$0.00 | | \$5,500,000.00 | | | | Multi-Hazard Mitigation | Supporting infrastructure improvements for existing and proposed socio-economic projects. |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (North Corridor); Northern New Corridor design and construction | | \$7,200,000.00 | \$0.00 | | \$7,200,000.00 | | | | Multi-Hazard Mitigation | Supporting infrastructure improvements for existing and proposed socio-economic projects. |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (South Corridor); Southern Corridor Reallocations (BUY-OUTS) | | \$2,500,000.00 | \$0.00 | | \$2,500,000.00 | | | | Multi-Hazard Mitigation | Supporting infrastructure improvements for existing and proposed socio-economic projects. |
| Proyecto Península Canteras | Agency | 07/27/20 | Acquisitions, Reallocations and Constructions to support economic development projects (South Corridor); Southern New Road design and construction | | \$8,800,000.00 | \$0.00 | | \$8,800,000.00 | | | | Multi-Hazard Mitigation | Supporting infrastructure improvements for existing and proposed socio-economic projects. |
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | Camp Santiago - Mitigation Construction This project, Mitigation Reconstruction, aims to significantly improve the infrastructure of critical training supporting buildings (Bldgs. # 762, #764, and #587) in which includes the Adjutant General's Office and the neighboring, one-level, medical facility (command) in which treats over 10,000 personnel yearly; adjacent to the main command center within the Camp Santiago Joint Training Center (CSJTC). The mission of these supporting buildings is to train and equip activated personnel (first responders) in times of emergency and national conflict via administrative, engineering, logistical, and operational support. To ensure immediate and long-term support, a resilient infrastructure is required. In addition to securing government assets in which support capacity building, as it relates to emergency and national conflict preparation, presently, there are flow issues and clay pipes requiring replacement. The existing waste water system at CSJTC is controlled by a sewer lift station onsite in which pumps wastewater to the city main. Stormwater infiltrates broken and damaged clay pipes in which overloads the system; affecting the neighboring community. | Camp Santiago CARR PR 154 Salinas PR. CRIM-370-000-008-01 // LAT: 18.03271402 LON: -66.28008388 | \$11,200,000.00 | \$0.00 | No additional funding sources have been identified for this project. | \$11,200,000.00 | 56.39m Width x 56.39m Length | 18.0058006 | -66.2903841 | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|---|---|---|--|--|--|--|
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | Ceiba - Backup Power Installation This project will provide power resilience via the acquisition and installation of one (1) 300KW generator. As a result of Hurricanes Irma and Maria, the electrical power distribution system was either partially or completely destroyed. A facility of this nature, in which provides real-world, 24-7 island-wide emergency response, is required to be functional at all times. This generator would support the main building and its supporting components. Aside from operational support, lack of power creates safety concerns to include the inability to operate the water treatment facilities. Benefits include establishing power resilience, improving communications and other critical systems (i.e. IT) that allow faster (or unaffected) response to disruptive events | 213 Lauro Piñero Avenue, Ceiba PR, CRIM: 200-067-065-01 // LAT:18.26030352 Lon: -65.64922868 | \$245,000.00 | \$183,750.00 | This project has been pre selected to benefit from the FEMA HMGP Program pending COR3/FEMA project proposal approval. | \$61,250.00 | 3.05m Width x 3.66m Length | 18.2599609 | -65.6495608 | Multi-Hazard Mitigation | |
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | Ceiba - Safe Room Construction This project aims to ascertain the safety of first responders (mission-essential personnel; PRNG), required to remain in harm's way, while sheltering-in-place during a hurricane (24 hours+). The Safe Room requested for this readiness center is in Ceiba, Puerto Rico (East Region) and should be designed to accommodate approximately 20 emergency responders via a space of 2400 sq. ft. This core-team of responders are operationally aligned to support neighboring municipalities in the East region of the island. With emergency responders required to remain in harm's way to facilitate the continued operation of critical facilities, including material storage facilities, communications and data centers, and others that surrounding communities may depend on for a successful response to an extreme wind event, the Safe Room is a means to ascertain that these State activated operations are carried-out. This project improves access to local, safe, and resourced shelters that can accommodate community needs, such as disabilities and medical conditions. PRNG emergency responders from Task Force East are operationally and logistically aligned to support neighboring municipalities in the East region of the island. This includes San Juan, Carolina, Lajas, Canovanas, Rio Grande, Fajardo, y Luquillo and other municipalities requiring nearby support. | 213 Lauro Piñero Avenue, Ceiba PR, CRIM: 200-067-065-01 // LAT:18.26030352 Lon: -65.64922868 | \$1,450,000.00 | \$1,087,500.00 | This project has been pre selected to benefit from the FEMA HMGP Program pending COR3/FEMA project proposal approval. | \$362,500.00 | 9.14m width x 24.38m Length | 18.2602165 | -65.6496754 | Multi-Hazard Mitigation | |
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | Fort Allen - Flood Mitigation Construction The PRARNG has identified the need for hydrologic/hydraulic improvements in and around Ft. Allen due to persistent and damaging flooding that occurs on the property. Flooding extents occur in and around twelve buildings on the post; causing property damage and impeding their mission. Benefits of this project include: decreasing flood risk and increasing water sector resilience to future disasters by preventing flooding, damage, and service interruption. This project will mitigate the flooding, and hence water damage that affects mission essential property comprised of twelve (12) buildings and its surrounding community of Juan Diaz. This project directly supports Puerto Rico's efforts to identify and mitigate areas in which supports the enabling of critical military operations to include the security, safety, and emergency response for the immediate surrounding area (Juana Diaz) and the island-wide. Benefits include reducing flood risk for communities and infrastructure assets. | ROAD PR 149 Km 2.0, Juana Diaz PR, CRIM: 391-000-006-01 // LAT: 18.01294151 Lon: -66.50547002 | \$2,750,000.00 | \$0.00 | No additional funding sources have been identified for this project. | \$2,750,000.00 | 1798m of HDPE 60" Pipe | 18.005536 | -66.5118544 | 100-year flooding | |
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | Fort Allen - PRYCA - Mitigation Construction The primary campuses on the Fort Allen Training Center (FATC) are the Puerto Rico Youth Challenge Academy and the Armed Forces Reserve Center in which houses the Regional Training Institute; comprised of twelve buildings (12) and recreational areas. Most recently, as a result of Hurricane Maria, these buildings were flooded. In accordance with FEMA's revised Flood Advisory Maps (April of 2018) and with the exception of one building, this training center was identified at risk for flooding. The focus of this project is to specifically mitigate the Youth Challenge Facility, currently situated within the floodplain with an ABE for the project area at 11.54 meters; requirement for compliance of floor elevations is at 16.4 feet. This project will mitigate the flooding of twelve (12) building on the Fort Allen post; this aged property (1960s) has deteriorated over the course of time as a result of its environment and most | ROAD PR 149 Km 2.0, Juana Diaz PR, CRIM: 391-000-006-01 // LAT: 18.01294151 Lon: -66.50547002 | \$28,697,000.00 | \$0.00 | No additional funding sources have been identified for this project. | \$28,697,000.00 | 70,884 square meters | 18.0181996 | -66.5034762 | 100-year flooding | |
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | San Juan - Backup Power Installation This project will provide power resilience via the acquisition and installation of two (2) 1200KW generators. As a result of Hurricanes Irma and Maria, the electrical power distribution system was either partially or completely destroyed. A facility of this nature, in which provides real-world, 24-7 island-wide emergency response, is required to be functional at all times. This facility includes seven (7) buildings and a dining facility. Aside from operational support, lack of power creates safety concerns to include the inability to operate the water treatment facilities | #100 GENERAL ESTEVEZ ST 3-1/2 Stop, San Juan PR, CRIM: 022-094-100-02 // Lat: 18.46669455 Lon: -66.10269648 | \$500,000.00 | \$0.00 | No additional funding sources have been identified for this project. | \$500,000.00 | 6.10m Width x 7.62m Length | 18.4662995 | -66.1032447 | Multi-Hazard Mitigation | |
| Puerto Rico National Guard (PRNG) | Agency | 08/19/20 | San Juan - Safe Room Construction This project aims to ascertain the safety of first responders (mission-essential personnel; PRNG), required to remain in harm's way, while sheltering-in-place during a hurricane (24 hours+). The Safe Room requested for this readiness center is in San Juan, Puerto Rico and should be designed to accommodate approximately 20 emergency responders via a space of 2400 sq. ft. This core-team of responders are operationally aligned to support neighboring municipalities in the North-West region of the island. With emergency responders required to remain in harm's way to facilitate the continued operation of critical facilities, including material storage facilities, communications and data centers, and others that surrounding communities may depend on for a successful response to an extreme wind event, the Safe Room is a means to ascertain that these State activated operations are carried-out. This project improves access to local, safe, and resourced shelters that can accommodate community needs, such as disabilities and medical conditions. PRNG emergency responders are operationally and logistically aligned to support neighboring municipalities in the North-West region of the island. | #100 GENERAL ESTEVEZ ST 3-1/2 Stop, San Juan PR, CRIM: 022-094-100-02 // Lat: 18.46669455 Lon: -66.10269648 | \$2,300,000.00 | \$1,725,000.00 | This project has been pre selected to benefit from the FEMA HMGP Program pending COR3/FEMA project proposal approval. | \$575,000.00 | 9.14m Width x 24.38m Length | 18.4668143 | -66.1026965 | Multi-Hazard Mitigation | |



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| U.S. Forest Service | Agency | 07/16/20 | Actions to mitigate future damages from landslides, flooding, fires, and drought are correlated to watershed management from the mountains to the coast. Puerto Rico's watersheds suffered damage from the Hurricane through loss of vegetative cover, erosion, increased sediment deposition in reservoirs or coastal areas (i.e., seagrass beds). Management of the watershed level will provide a coordinated mitigation effort that will ensure inland flooding is reduced, wildfire fuel is minimized, water is diverted to areas that can improve aquifer storage, soils are stabilized, sediment deposition in reservoirs is minimized and communities benefit from managing floodwaters as a resource. Following are some specific watershed related projects identified by Federal, Commonwealth, and academic partners as part of the Recovery Courses of Action identified in the 2018 Governor's Recovery Plan. http://www.p3.rg.gov/assets/for-transformation-innovation-plan-congressional-submission-080818.pdf . | | Unknown | | | | | | | | |
| U.S. Forest Service | Agency | 07/16/20 | Beach Erosion Control and Risk Management: The objective is to restore and intervene to ameliorate coastal communities and critical infrastructure vulnerability. The following Beach restoration and interventions priorities have been established as needed based on the USACE erosion feasibility study (ongoing): 1) San Juan (Boca de Cangrejo-Isla Verde-Ceasar Park-Condado-El Escambrón); 2) Rincón (Bañero de Rincón, La Cambija, Córcega, Stella, EL Almendra). Regional Sediment Management studies must be developed for Bañero Dorado and Arecibo (Caza y Pesca). Development of sand management plans that include sand relocation programs for displaced sand are needed. Improve law enforcement to reduce illegal sand extraction and destructive off-terrain traffic in dune areas is needed. Development of an outreach and environmental education programs to increase community involvement and inspire protection of coastal environment is needed. Media strategies are needed that could be divided in Phase I: Develop the commercial and social media contents, storyboards and scripts, TV and Movie theaters high resolution 30 and 15 second spots, Social media 3 and 1 minute short stories, animated GIFs, among others and Phase II: Launch multi-media campaign (TV, Movie Theaters, Social media). | Municipalities of San Juan (Metro), Rincón, Arecibo, Dorado, Luquillo, Fajardo, Arroyo and Mayagüez | \$233,410,000.00 | | USACE WRDA, NFWF | \$233,410,000.00 | | | | Multi-Hazard Mitigation | |
| U.S. Forest Service | Agency | 07/16/20 | Capacity Building Program for Arts Organizations and Artists Build resilience to cultural resource loss from multi-hazards through development of a robust capacity building program that includes: 1. Preparedness and recovery training for arts organizations and artists including visual, performing, crafts, creative writing, photography, mixed media, digital media and other arts. 2. Finance management: training for grant writing and grants management, organizational structure, emergency funds, insurance, and entrepreneurship. Creating a service sector that incorporates art-specific disaster management mechanisms will stabilize artists and arts organizations and better integrate them into the broader economy to promote their sustainability and resiliency, decreasing recovery time in the future. | Island Wide | \$500,000.00 | NEA: 50,000.00 | Philanthropic groups, NEA, NEH, EDA, IMLS, CERF+ | | | | | Multi-Hazard Mitigation | planning/economic development/infrastructure |
| U.S. Forest Service | Agency | 07/16/20 | Capacity Building Program for Cultural Stewards - Develop a capacity building program that would train museum and archives staff in collection care and emergency planning. Encouraging and supporting institutions to prepare response plans as a first step will mean more institutions will be ready to respond, first and foremost. If they need additional assistance, they can turn to HEART-trained volunteers that will offer follow up and support. | Island-Wide | \$50,000,000.00 | \$25,000.00 | Identified: IMLS, NEH, NARA, Mellon Foundation, | \$450,000.00 | multiple sites | | | Multi-Hazard Mitigation | planning/economic development/infrastructure |
| U.S. Forest Service | Agency | 07/16/20 | Ciénaga Las Cucharillas - Cataño: Ciénaga las Cucharillas contains a high diversity of wetland habitats but suffered some mortality as well as significant shifts towards other habitats. Some small sections of bare ground have been colonized by grasslands. These trends signify shifting vegetation habitats that might be in response to altered hydrology from the management of the flood gates and pumps after the hurricane. Shifting vegetation is a sign of a change in hydrology. Marine-terrestrial connectivity is maintained by subsurface inflow of marine water from the coast and the pump/gate station at the Malaria Channel is a critical component of site hydrology. Sufficient tidal exchange in the wetland is necessary to promote its natural estuarine (saltwater) and not palustrine (freshwater) conditions. Forested coastal wetlands have been singled out as providing extremely highly valuable protective services against natural disasters. This project proposes to: 1) Establish favorable hydrology including repair and management improvements at pump station/ tide gates; 2) Restore 10 hectares of Wetland (Black mangrove and White mangrove); 3) Monitor implemented actions including water depth, salinity, flooding events, and vegetation structure and cover through on the ground measurements of seedling and tree density and canopy cover, and at the landscape level utilizing unmanned aerial vehicles. | Cienaga Las Cucharillas, Municipality of Cataño | \$3,270,000.00 | | | \$3,270,000.00 | 10 hectares | | | Multi-Hazard Mitigation | |
| U.S. Forest Service | Agency | 07/16/20 | Conduct workshops and symposia targeted to species management in response to disasters: Conduct workshops to organize, develop goals and establish operating procedures for networks to ensure preparedness for disaster operations and resiliency of species. Conduct annual section 7 training to enhance consultation procedures post-incident. Organize symposia to address lessons learned, species specific outcomes and strategies for adaptive management in future disasters | | \$360,000.00 | | | | | | | | |
| U.S. Forest Service | Agency | 07/16/20 | Coordinate studies and manage data to inform watershed management needs: This project proposes to: collect rivers, streams and creek bathymetry to improve watershed and water quality modeling (SWAT, CI Flow, APEX); Update/Refine island-wide land use maps and classifications to improve watershed/pollution control related to modeling and BMP selection (Base information will be NOAA C-CAP); Conduct study of lake sediment for potential lake dredging; Implement and build on actions in DNER project 6217 for control of non-point pollution sources; Create a data base for the NON-PRASA communities discharge on rivers, wetlands, sinks and other water bodies | Island wide | \$55,000,000.00 | | EPA, NRCS, NOAA | \$55,000,000.00 | | | | Multi-Hazard Mitigation | |



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| U.S. Forest Service | Agency | 07/16/20 | Cultural Ecosystem Mapping - Develop an island wide cultural resources Management Plan. Goals are to create a data repository and asset mapping for all elements of the cultural spectrum, including historic properties, archaeological properties, museums, libraries, artists, artist businesses and arts & cultural non-profit organizations. A data repository platform would facilitate response and recovery efforts for cultural network which is needed to facilitate communication and to have a more resilient arts community. | Island-Wide | \$10,000,000.00 | \$800,000.00 | NPS, EDA, Foundation for Puerto Rico, NEH | 9.2 million | Multiple sites | | | Multi-Hazard Mitigation | planning/economic development/infrastructure: as a planning activity this may fit CDBG-DR (API-GIS) or CDBG-MIT |
| U.S. Forest Service | Agency | 07/16/20 | Cultural Hubs Development: Identify Cultural Resources in the north, south, east, west and central regions of Puerto Rico that would serve as Cultural Hubs to support the artist community offering services, workspace, education and arts programming for the community. The hubs would provide different economic development opportunities to artists and arts organizations and offer diverse services to neighboring communities. These would include workspaces to promote the creation and presentation of new work, link arts to tourism and utilize arts outreach to facilitate community recovery. Develop a plan to further define the goals of the Hubs 2. Identify locations (municipalities) and historic properties that may house the functions (workspaces, arts programming, & education, etc.). 3. Study hub locations to determine needs to strengthen building envelopes. 4. Develop an outreach program to promote hubs to artists and arts organizations. | Island Wide | \$50,000,000.00 | | Philanthropic groups, Fundación Comunitaria de Puerto Rico, Foundation for Puerto Rico, EDA, NEA, NEH, IMLS, Local Grant Makers (Puerto Rico) | \$50,000,000.00 | | | | Multi-Hazard Mitigation | planning/economic development/infrastructure: may also fit under CDBG-DR economic development |
| U.S. Forest Service | Agency | 07/16/20 | Develop Collections Conservation and Preservation Plan: Many institutions report the need for additional support, especially highly-skilled technical specialists to assist with recovery of the collections. Upgrades to facilities and new storage equipment are necessary. The project shall include a study to determine collections needs islandwide including an assessment technical expertise and building envelope mitigation requirements. The plan will prioritize needs and develop implementation practices. Climate control for institutions is a primary issue as are investments are made to strengthen institutions for future disasters. | Island-Wide | \$40,000,000.00 | | ICCROM, NEH | | | | | | planning/economic development/infrastructure |
| U.S. Forest Service | Agency | 07/16/20 | Dunes restoration and mitigation actions in the north, south and East Coasts of Puerto Rico: This COA would restore Puerto Rico's priority beaches and coastal dunes so that they are stable and resilient to storms and sea-level rise, thereby protecting human life, property, and critical infrastructure on coastal areas. Restored beaches and dunes can support biodiversity and activities such as tourism and recreation, and they would help improve the livelihoods of coastal communities. A preliminary assessment has identified high priority sites for actions related to restoration of sand dunes (final report DOI/FEMA, 2018- Appendix 1) because they protect public and private properties and communities. All of the sites were significantly affected by extreme weather events of the 2017 hurricane season and Winter Storm Riley in March 2018. Damages were related to erosion breaching and reduction of vegetation cover. Recommended courses of action for the ecological restoration are: 1) Using aerial data, implement a plan to restore dunes; 2) Develop or improve boardwalk areas as needed with better-designed and longer boardwalks that will redirect foot traffic away from stable and incipient dunes and vegetated areas; 3) Close random accesses with exclusion fencing and signage that informs that breaches cause problems on the primary dune and the location of the nearest designated walkover beach access; 4) Close breaches that need to be restored with informational signage. 5) Restore and create new dunes where appropriate. Establish protocols to manage and conserve hardwood in the public and private sector. Perform Policy Analysis, Supply Analysis, and Market Analysis of PR wood products industry. Establish protocols to manage and conserve hardwood. Mitigates fire threat of un-resolved debris post-storm and provides economic development for use of hardwoods by commercial or private parties. | North and South East Coast of Puerto Rico (Municipalities of Isabela, Camut, Hatillo, Arecibo, Barceloneta, Manati, Vega Baja, Dorado, Toa Baja, San Juan, Loiza, Luquillo, Fajardo and Arroyo) | \$5,600,000.00 | | DNER Coastal Zone Management Program, NFWF (NFWF has funded some actions already); HM 404 (potential 404 funding for Condado area) | \$5,600,000.00 | | | | Multi-Hazard Mitigation | Volunteer opportunities during ecological restoration events on this area are necessary as well as an environmental education component. |
| U.S. Forest Service | Agency | 07/16/20 | Establish protocols to manage and conserve hardwood in the public and private sector. Perform Policy Analysis, Supply Analysis, and Market Analysis of PR wood products industry. Establish protocols to manage and conserve hardwood. Mitigates fire threat of un-resolved debris post-storm and provides economic development for use of hardwoods by commercial or private parties. | NA | \$400,000.00 | ? | USDA/USFS - Wood Innovations Program. | \$400,000.00 | NA | | | Wildfire | Aligns with PR Recovery Course of Action NCR 12: project 1 on COR3 NCR12 action plan |
| U.S. Forest Service | Agency | 07/16/20 | Forest Management. Implement tree management practices in private, protected, urban and agroforestry forests to reduce sediment loss, increase soil stabilization and provide an environment to absorb excessive waters. To include the planting of trees, removal of dead/diseased standing trees, and removal of vegetative debris that presents a wildfire risk. Of particular need is to mitigate the risk posed by existing compromised trees in urban settings and public housing. | | \$180,000,000.00 | Do we know if there are outstanding funds to be supplied here? Should we put in funds already provided for the Cambalache nursery? | USDA/USFS | \$180,000,000.00 | Island Wide | | | Multi-Hazard Mitigation | Aligns with PR Recovery Course of Action NCR 5: project 1 on COR3 NCR 5 Action Plan. |
| U.S. Forest Service | Agency | 07/16/20 | Implement actions that reduce landslide threats or impacts from landslides on public and private lands, including natural reserves and forests managed by the DNER. Several projects have been proposed that include stabilizing sediments, creating public awareness opportunities, controlling invasive vegetation, using physical structures to protect roads and properties. Consolidation of recommendations from DNER and other groups needs to be completed to determine costs/geography for mitigation actions. | Multiple | Unknown | | NRCS, EPA | | | | | | |
| U.S. Forest Service | Agency | 07/16/20 | Implement Education Program on Historic Properties Preservation - to teach skills to workers and owners of historic properties for repairing and rehabilitating historic buildings/structures and materials appropriately. Workshops will be developed to focus on repair of specific building materials and systems. Future actions will include development of permanent educational programs with existing educational institutions to develop registered apprenticeships. A planning phase will determine the numbers of students, locations for trainings, and possible establishment of a long term training program with existing academic institutions. | Island-Wide, focusing on areas with high concentrations of historic properties. | \$15,000,000.00 | 700,000-1,500,000.00 | Department of Labor ETA funding | \$15 million | Multiple Sites | | | Multi-Hazard Mitigation | planning/economic development/infrastructure: may fit under CDBG-DR or CDBG-MIT as planning and economic development |
| U.S. Forest Service | Agency | 07/16/20 | Increase green space and buffers in areas of persistent flooding through the development of conservation easements and expansion of green Corridors. Would require an assessment of flood risk areas coincident with forest lands, identification of priority areas for conservation easements and administrative procedures to develop easements. | | \$5,000,000.00 | | | \$25,000,000 (\$5M/year for 5 years) | TBD | | | 100-year flooding | Aligns with PR Recovery Course of Action NCR 5: project 3 on COR3 NCR 5 Action Plan. |



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| U.S. Forest Service | Agency | 07/16/20 | Jobs Isabela: Post Hurricane Maria the Jobs wetland in the municipality of Isabela suffered extensive mortality. Across all habitats, 67% of coverage was either destroyed or converted to bare ground; corresponding to a loss of 13 hectares of live vegetation habitat. Mangrove habitat suffered the highest mortality rate, with 95% dead per the 2018 Jobs wetland assessment. The only surviving individuals were along higher grounds. A Hydrological-hydrologic study is recommended to: 1) Reestablish wetland connectivity with the ocean including construction of a tidal channel as well as improvements and maintenance to existing infrastructure; 2) Perform consistent hydrologic monitoring to ensure the establishment of sustainable hydrology in parallel with vegetation rehabilitation; 3) Restore the vegetation by planting mangrove saplings to develop a full forest within 10 years; 4) Re-assessment of vegetation structure and cover every year through measurements of seedling and tree density and canopy cover, and at the landscape level utilizing unmanned aerial vehicles. | Jobs, Municipality of Isabela | \$4,870,000.00 | | FEMA (406/404/CDBG), EPA-HWC. This is an annual grant opportunity. The Healthy Watersheds Consortium (HWC), a partnership between the U.S. Endowment for Forestry and Communities, the U.S. Environmental Protection Agency, and the USDA Natural Resources Conservation Service. The goal of the HWC Grant Program is to "accelerate strategic protection of healthy, freshwater ecosystems and their watersheds", with a primary focus on prevention of land deterioration in the watershed. The Coca-Cola Foundation makes grants in support of access to clean water and sanitation; watershed management in | \$4,870,000.00 | | | | Multi-Hazard Mitigation | |
| U.S. Forest Service | Agency | 07/16/20 | Land acquisition to keep forest in ecologically sensitive areas: An island-wide revision of natural protected area ownership, to insure that all NPA's are registered to the Department and kept under permanent protection. • An inventory of parcels ceded to the Department for compensatory mitigation are rightfully registered to the DNER and kept under permanent protection. • Full fee purchase of important forest land • Program is voluntary for private land owner. Perform land acquisition in areas that would benefit both landslide and flooding mitigation and protection of ecologically sensitive areas. | TBD | \$50,000,000.00 | | FEDERAL: USDA-USFS-Forest Legacy | \$50,000,000.00 | TBD | | | | Aligns with PR Recovery Course of Action NCR5; project 5 on COR3 COA Action Plan. |
| U.S. Forest Service | Agency | 07/16/20 | Manage Arecibo Watershed for reducing impact from future hazards and maximizing use of existing water resources: In the Arecibo watershed, a toxic combination of pollutants led to extreme and prolonged declines in water quality condition, transportation hazards, reduced drinking water reservoir capacity and quality, and caused broad ecological effects in both freshwater and marine environments. It is likely that coastal water quality contamination also led to impacts to human health and local economies (i.e., beach and shellfish closures). This project seeks to support interagency (JCA-USCOE, PRASA) collaboration at the watershed scale. The needs are: 1) Develop a strategic watershed-scale plan for implementation of recovery actions, 2) implement projects to repair damages and mitigate for future events; 3) Provide watershed-scale coordination of the projects and adaptation to changing influencing factors. It is anticipated that specific actions will include: Green infrastructure retrofits to mitigate flooding hazards; Erosion and sediment control of highly eroded lands; Wetland restoration to enhance nutrient sequestration and reduce flooding hazards; Stabilization of highly erodible soils to reduce potential for landslides; River restoration and hydrologic reconnections to safely convey flood waters while protecting existing infrastructure. In addition, to maintain and assure long-term watershed restoration success, adaptive management will be used to address changing influencing factors. | The Arecibo watershed is located in north central Puerto Rico and includes approximately 41,000 ha, five municipalities and 981,000 people. | \$50,000,000.00 | | EPA, NRCS, NOAA | \$50,000,000.00 | | | | Multi-Hazard Mitigation | There are three water reservoirs, including the Lago Dos Bocas, and 31 potable water intakes (JCA, 1999). This area has been the focus of several damage assessments and recovery planning efforts across multiple sectors (i.e., Dos Bocas reservoir, Uluado infrastructure impacts, Río Viví river restoration, USFWS hydrologic reconnections). |
| U.S. Forest Service | Agency | 07/16/20 | Manage Cabo Rojo/Guanica Watershed for reducing impact from future hazards and maximizing use of existing water resources: In the Cabo Rojo and Guanica watersheds, sediment from thousands of landslides, sewage from power outages, and 20 inches of rainfall drained through the streams, rivers, streets, stormwater systems and ultimately discharged to the coast. This toxic combination of pollutants led to extreme and prolonged declines in water quality condition over 91,000 acres of nearshore coastal habitat in the area. It is anticipated that coastal water quality contamination also led to impacts to human health and local economies (i.e., tourism, fishing industry). This project seeks to conduct watershed improvement actions to address storm effects (i.e., increased erosion and sedimentation) and mitigate future impacts to local communities' life and property (flood control), water supply, water quality, and habitat for species of concern. This area is a priority for the Commonwealth, the US Coral Reef Task Force, PRDNER, and NOAA's Coral Reef Conservation Program, resulting in funding of comprehensive Watershed Management Plans for Cabo Rojo and Guanica watersheds. This project seeks to implement projects identified in these plans to repair damages and mitigate for future events, such as community-level organizing and implementation of programs, improved enforcement of construction, sediment and erosion control, and stormwater management. | Cabo Rojo, Guanica | \$50,000,000.00 | | EPA, NRCS, NOAA | \$50,000,000.00 | | | | Multi-Hazard Mitigation | Costs associated with connecting homeowners, businesses, and public buildings to PRASA lines where feasible are covered by Water Sector COA 34. |
| U.S. Forest Service | Agency | 07/16/20 | Manage Northeast Corridor Watershed for reducing impact from future hazards and maximizing use of existing water resources: Sediment from thousands of landslides, sewage from power outages, and 20 inches of rainfall drained through the streams, rivers, streets, stormwater systems and ultimately discharged to the coast. This toxic combination of pollutants led to extreme and prolonged declines in water quality condition over 13,500 acres of nearshore coastal habitat in the area including coral reefs, lagoons, and seagrass habitats. It is anticipated that coastal water quality contamination also led to impacts to human health and local economies (tourism and fishing industry). This project seeks to conduct watershed improvement actions to address storm effects (i.e., increased erosion and sedimentation) and mitigate future impacts to local communities' life and property (flood control), water supply, water quality, and habitat for species of concern. The coastal habitats of the Northeast Corridor are a priority region for PRDNER and NOAA (It is a Habitat Blueprint-Habitat Focus Area), which have jointly developed comprehensive Watershed Management Plans for Fajardo and the Northeast Natural Reserves. This project seeks to implement projects identified in these plans to repair damages and mitigate for future events. These projects generally include: Green infrastructure retrofits to mitigate flooding hazards; Erosion and sediment control of highly eroded lands; Creation of Soil and Water Conservation District for | The Northeast Ecological Corridor and the Northeast (marine) Natural Reserves from Luquillo to Fajardo | \$40,000,000.00 | | EPA, NRCS, NOAA | \$40,000,000.00 | | | | Multi-Hazard Mitigation | Costs associated with connecting homeowners, businesses, and public buildings to PRASA lines where feasible are covered by Water Sector COA 34. Interagency coordination will be central to the success of this project. In addition, to maintain and assure long-term watershed restoration success, adaptive management will be used to address changing influencing factors. |



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|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|---|---|
| U.S. Forest Service | Agency | 07/16/20 | Manage Northeast Corridor Watershed for reducing impact from future hazards and maximizing use of existing water resources. Sediment from thousands of landslides, sewage from power outages, and 20 inches of rainfall drained through the streams, rivers, streets, stormwater systems and ultimately discharged to the coast. This toxic combination of pollutants led to extreme and prolonged declines in water quality condition over 13,500 acres of nearshore coastal habitat in the area including coral reefs, lagoons, and seagrass habitats. It is anticipated that coastal water quality contamination also led to impacts to human health and local economies (tourism and fishing industry). This project seeks to conduct watershed improvement actions to address storm effects (i.e., increased erosion and sedimentation) and mitigate future impacts to local communities' life and property (flood control), water supply, water quality, and habitat for species of concern. The coastal habitats of the Northeast Corridor are a priority region for PRDNER and NOAA (it is a Habitat Blueprint-Habitat Focus Area), which have jointly developed comprehensive Watershed Management Plans for Fajardo and the Northeast Natural Reserves. This project seeks to implement projects identified in these plans to repair damages and mitigate for future events. These projects generally include: Green infrastructure retrofits to mitigate flooding hazards; Erosion and sediment control of highly erodible lands; and Water Conservation District for | The Northeast Ecological Corridor and the Northeast (marine) Natural Reserves from Luquillo to Fajardo | \$40,000,000.00 | | EPA, NRCS, NOAA | \$40,000,000.00 | | | | | Multi-Hazard Mitigation | Costs associated with connecting homeowners, businesses, and public buildings to PRASA lines where feasible are covered by Water Sector COA 34. Interagency coordination will be central to the success of this project. In addition, to maintain and assure long-term watershed restoration success, adaptive management will be used to address changing influencing factors. |
| U.S. Forest Service | Agency | 07/16/20 | Manage San Juan Metro Watershed for reducing impact from future hazards and maximizing use of existing water resources. Long-term power outages resulted in over 13,700 Million gallons of sewage being discharged into local water ways. In combination with land slides and erosion in the watershed, this led to extreme and prolonged declines in water quality condition over 30,450 acres of nearshore coastal habitat in the area including coral reefs and seagrass habitats. Given the likely exposure to untreated sewage, it is anticipated that coastal water quality contamination also led to impacts to human health and local economies (i.e., beach and shellfish closures). The SJU Metro Area is a priority for FEMA recovery efforts as it is central to the protection of life and property. It is anticipated that the costs for priority recovery actions are covered under Water Sector COAs 10, 11, 18, 23, 34 and the San Juan Bay Estuary Program Comprehensive Community Management Plan. This project seeks to support long-term coordination and adaptive management of recovery actions at the watershed scale to offset hurricane impacts to water quality and enhance ecological recovery of the system (i.e., improve coastal water quality). Furthermore, to maintain and assure long-term watershed restoration success, funding will be needed to provide continued assessment of progress toward the goal and adaptive management where needed. A priority for watershed restoration success will be the ability to hire watershed | San Juan Metro Area | \$2,000,000.00 | | EPA, NRCS, NOAA | \$2,000,000.00 | | | | Multi-Hazard Mitigation | Covers priority recovery actions include: designing and constructing a storm and sanitary sewer system for the communities fringing the eastern section of the Martín Peña Channel and other areas adjacent to the SJBE, eliminating unauthorized raw sewage discharges (bypasses) from PRASA's collection system and pump stations into the SJBE, eliminating illegal commercial and residential sewage discharges into the stormwater sewer system, improving flow in the Martín Peña Channel, and implementing green infrastructure solutions. | |
| U.S. Forest Service | Agency | 07/16/20 | Mitigate future wildfire risk through preparation of regional sites for managing salvaged wood after disasters: Determine, establish, and prepare regional sites for managing salvaged wood after natural disasters. | Multiple | \$1,000,000.00 | | | \$1,000,000.00 | NA | | | Wildfire | Aligns with PR Recovery Course of Action NCR 12; project 2 on COR3 NCR12 action plan | |
| U.S. Forest Service | Agency | 07/16/20 | Mitigation to protect Puerto Rico's unique and diverse cultural assets. Puerto Rico has a rich cultural heritage ranging from archaeological sites to performing artists. Actions to mitigate future degradation or damage to sites, collections, archival records and artifacts from wind, high temperatures/humidity, and flooding will protect these assets for future generations. Following are some specific cultural asset related projects identified by Federal Commonwealth and academic partners as part of the Recovery Courses of Action identified in the 2018 Governors Recovery Plan I. http://www.p3.pr.gov/assets/pr-transformation-innovation-plan-congressional-submission-080818.pdf | | Unknown | | | | | | | | | |
| U.S. Forest Service | Agency | 07/16/20 | New Archive General Center: The Archivo General is the official government entity charged with collecting and protecting Puerto Rico's historical records by law decree. Its collections are vital to Puerto Rico's governance, impacting municipalities, commerce, and tourism. The collection consists of different collections. The existing Archives building is within the Tsunami hazard zone, mitigation of future damage to these important records is best accomplished by relocating the Archives outside of a threat zone. The objective of the project is for the planning, design, and construction of a new Archivo General center (new could be rehabilitation of the current building or new construction) to serve as the primary institution tasked with the preservation and documentation of island-wide historical records, and making these records available to the public. The project consists of three (3) phases culminating in the construction and operation of a new archives facility. Phase 1 will identify the Program Development Study (PDS) which outlines the institution's operational needs, program and the development of a Feasibility Study which will present alternatives (new construction vs. rehabilitation), site selection, impacts, and costs. Phases 2 and 3 will be the Design and Construction phases, respectively, which will either consist of rehabilitation of the existing facility or a brand new construction. The new facility will be located near urban population and within proximity to cultural | General Archives (ICP) | \$33,680,000.00 | | | \$33,680,000.00 | | | | Multi-Hazard Mitigation | planning/economic development/infrastructure | |
| U.S. Forest Service | Agency | 07/16/20 | New Conservation Center for Puerto Rico - Puerto Rico and the Virgin Islands are without a center of expertise that specializes in art analysis and conservation, art storage, and professional development for both public and private entities. Deficiencies in trained personnel and technical facilities have resulted in a gap between responding to natural and man-made disasters, with respect to fine art, cultural artifacts, historic objects, and archival essential records. This has resulted in accelerated deterioration and loss of objects, with a direct impact to tourism and economic opportunities. The objective of the project is for the planning, design, and construction of a new conservation center to serve as the primary institution tasked with the stewardship, preservation and education of island-wide fine art, cultural/historic objects, and archival essential records. The new Center of Expertise will be the primary resource for Puerto Rico and the Virgin Island for all aspects of arts conservation and will lead to new job opportunities, professional training, public outreach, and cost savings in the treatment, conservation and storage of public works, and privately owned artworks/objects. | TBD | \$210,200,000.00 | | | \$210,200,000.00 | | | | Multi-Hazard Mitigation | planning/economic development/infrastructure | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|---|---|---|--|--|--|---|
| U.S. Forest Service | Agency | 07/16/20 | Punta Tuna- Maunabo: Aerial surveys suggested a mortality close to 95% in this wetland that experienced the eye of Hurricane Maria. Overall, 8 hectares of mangrove died within the study area. There is no tidal connectivity and a strong dependence on rainfall. This makes the wetland especially vulnerable to extreme flooding and mortality following heavy rainfall events. Recommended actions are: 1) Restore hydrology; 2) Establish an MOU with USACE regulatory and other stakeholders to allow future maintenance of the channel outlet; 3) Monitor hydrology; 4) Rehabilitate mangrove vegetation by planting mangrove saplings; 5) Monitor plant succession and mangrove recovery through on the ground measurements of tree and seedling densities and assessing landscape scale vegetation coverage through unmanned aerial vehicles. | Punta Tuna, Municipality of Maunabo | \$4,870,000.00 | | FEMA (AUG/2014/CDBG), EPA-HWC. This is an annual grant opportunity. The Healthy Watersheds Consortium (HWC), a partnership between the U.S. Endowment for Forestry and Communities, the U.S. Environmental Protection Agency, and the USDA Natural Resources Conservation Service. The goal of the HWC Grant Program is to "accelerate strategic protection of healthy, freshwater ecosystems and their watersheds", with a primary focus on prevention of land deterioration in the watershed. The Coca-Cola Foundation makes grants in support of access to clean water and sanitation; watershed management in | \$4,870,000.00 | 8 hectares | | | Multi-Hazard Mitigation | |
| U.S. Forest Service | Agency | 07/16/20 | Rehabilitation of Archaeological Park Caguana in Utuado: The archaeological area located in Bo, Caguana of the Municipality of Utuado, is one of the most important archaeological sites in the Caribbean area. Its importance lies in the fact that this place has the highest concentration of structures known as bateyes (an extraordinary example of ancient indigenous engineering), in all the Caribbean islands. Of tremendous importance is the manifestation of cave art that exhibits the west row of the batéy main. This exceptional set of petroglyphs allows us to admire the sensibility and richness of art. Taino, through which this people expressed their particular vision of the world. The first archaeological works in Caguana were carried out by the archaeologist J Alden Mason, between the years 1914 and 1915. Proposed Projects: The intervention proposals and the action plan that we propose for the rehabilitation of the "Batey B": 1- Vegetation control 2- Realignment of the monoliths of the East and West walls 3- Control of ant colonies 4- Runoff and drainage control works of the waters that flood in its northern section. (Ref. Silva Araya, 2003 and Morris 2005) 5- Stakeout of drainage levels 6- Recovery of the path roadway (reconstruction) | Archeological Park Caguana in Utuado | \$1,000,000.00 | | FEMA PA, NPS | | | | | Multi-Hazard Mitigation | Planning/Infrastructure |
| U.S. Forest Service | Agency | 07/16/20 | Restore Historic Properties Damaged from hurricane Maria and other disasters. There are more than 5,000 historic properties identified in the 78 municipalities. As more properties are assessed for historic significance, this number will increase (assessment is part of ongoing SHPO efforts funded by DOI/NPS). Puerto Rico's heritage is one of the main attractions for tourists. To further the goal of sustainable tourism, it is imperative that historic buildings be in good condition and cultural heritage is protected. Properties that would benefit from earthquake retrofit and actions to mitigate damage from flooding, high temperatures and other hazards would be identified and completed as part of mitigation efforts. | Island wide, focusing on areas with high concentrations of historic properties. | \$300,000,000.00 | \$6,000,000.00 | NPS ESHPF funding | \$242,000,000.00 | Multiple sites | | | Multi-Hazard Mitigation | planning/economic development/infrastructure; may also fit under CDBG-DR unmet needs |
| U.S. Forest Service | Agency | 07/16/20 | Revisit and connect the Caminos Reales and complete the Rio Sabana Trail and the Isabella Channel trail: The "Caminos Reales" are legacy legal entity which is composed of rights of way originally established by Spanish royal decree and recognized under the Treaty of Paris of 1898. More recently, the Department of Natural Resources was designated as trustee for these public right of way. These areas have the potential to link a large number of natural protected areas and provide the opportunity to establish a regional trail network. Analyze the conditions of target areas to be able to identify areas to be used. Identify the camino real alignment. Identify greenways and target areas with the potential of connecting with/to the caminos reales. Managing Tourism – Develop a communication plan for the people living in the camino real areas to notify how foot traffic may arise, and communicate the benefits of how more traffic could impact their communities. A communication plan will lead to campaigning the idea, which will help addressing tourism needs. Focus on the western part of the island, not only because the majority of protected areas are located there, but also because in terms of tourism, the western two-thirds of the island are very much underrepresented. Provide educational programs as to why protected areas are protected and what these areas are. Create a network of service providers. Integrate the Municipal Tax Collection Center (CRIM) to obtain the latest parcel maps to | | \$50,000,000.00 | | DOI/NPS, DOT, NGO | | | | | | |
| U.S. Forest Service | Agency | 07/16/20 | Staffing for SHPO and ICP review of mitigation and/or recovery projects implemented on historic properties. Through NPS Grant, SHPO has received funds for augmenting staff to provide Section 106 review. ICP also has responsibilities for providing technical input and administrative review of historic properties as well as properties owned or managed directly by ICP. Specific areas where capacity is needed include: Office of Patrimonio, Archaeology, and the archives. The NPS grant does not provide any direct funds to ICP. | Varies | Unknown | 778,828.00 (for SHPO) | NPS-ESHPP HIM funds | TBD | | | | Multi-Hazard Mitigation | planning/economic development/infrastructure |
| U.S. Forest Service | Agency | 07/16/20 | Strengthening Aguadilla coastal barrier through coral reef restoration: In 2017, the Aguadilla coral reef system served well to protect coastal communities, reducing impacts to life and properties through the attenuation of wave energy. Unfortunately, the unique combination of wave direction and intensity resulted in damage to portions of the reef system height and complexity. Implementation of this project will serve as an intervention to speed the recovery of that reef infrastructure and allow the reef to again serve as protection for the Aguadilla community. The purpose is to restore approximately 2,522m2 of coral reefs to protect Aguadilla's coastal population by increasing the reef's height by 1 meter. Main activities include establishing coral farms/nurseries to transfer them to severely impacted reefs sites, helping reefs recover significantly faster than naturally (i.e., 5 years compared to more than 20 years). | Aguadilla Coral Reef System | \$77,032.00 | | NOAA, NFWF | \$77,032.00 | 2,522m2 | | | Storm Surge | Aguadilla coastal communities' vulnerability to coastal hazards will be reduced by this project. Also, the fishing and diving communities will benefit by the enhancement of these reefs and the species of economic importance that will thrive in the restored reefs. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|--|
| Adjuntas | Municipality | 08/07/20 | The critical facilities that the municipality is interested in impacting are: the City Hall, Culture and Tourism Office, OMMÉ Office and the Municipal Head Start. Some of that facilities serve as distribution centers during a disaster event, serve as place to offer direct services to the community and as response center. For their location in the highs of the mountains are more susceptible to receive strong winds that cause water infiltration and potential damages by flying objects for those municipal properties. Also threaten the live and safety of the first responders that working to cover the emergency. The potential project to develop consist in the installation of roll-up shutters systems for the before mentioned critical facilities that are properties of the municipality of Adjuntas as a mitigation measure against wind pressure and wind-borne debris impact. Benefit for the 18,760 citizens of the Municipality of Adjuntas | The projects sites are located at the Pueblo Ward | Unknown | N/A | N/A | \$400,000.00 | | 18.162537 | -66.723135 | | |
| Adjuntas | Municipality | 08/07/20 | The critical facilities that the municipality is interested in impacting are: the City Hall, Culture AND Tourism Office, OMMÉ Office and the Municipal Head Start. The potential projects to develop consist in the acquisition of floodgates for the before mentioned critical facilities that are properties of the Municipality of Adjuntas. The primary goal of this project is to be protected against future severe weather conditions and provide an adequate safe work environment to the municipality employee and the first responders that bring an essential service to the communities. That can guarantee to the citizens and the personal of the municipality of Adjuntas continue bringing and receiving the essential services. Benefits for the 18,760 citizens of the Municipality of Adjuntas. | The projects sites are located at the Pueblo Ward | Unknown | N/A | N/A | \$100,000.00 | | 18.162537 | -66.723135 | | |
| Adjuntas | Municipality | 08/07/20 | The potential project consist in the acquisition and the installation of a CHP generator in the facility. That facility located in the pueblo ward can be connected to an efficient system through underground electric power lines. The generator can be used continuously for more than 365 days. The primary goal of this project is to mitigate the lack of power in that critical facilities and improve continuity of operations in the mentioned facility. The projects mitigates the risk of losing a lot of essential service for the communities and citizens of Adjuntas That can guarantee to the citizens and the personal of the municipality of Adjuntas continue bringing and receiving the critical services when an atmospheric event occurs. Benefit for the 18,760 citizens of the Municipality of Adjuntas | The project site is in the pueblo ward Sector Parcelas Itzary | Unknown | N/A | N/A | \$80,000.00 | | 18.161801 | -66.727542 | | |
| Adjuntas | Municipality | 08/07/20 | The proposal includes an extension of the existing facility with a structural reinforcement to improve the underneath of the facility and mitigate the potential flooding from the creek to the building, the neighbor streets and the community house below facility. The project contemplate other possible uses in the that structure such as a municipal security center, recovery center and food distribution center. That include the design, construction, permitology, equipment and the updates of the facilities. Benefits for the 18,760 citizens of the Municipality of the Adjuntas. | Submitter did not enter data. | Unknown | Submitter did not enter data. | Submitter did not enter data. | Submitter did not enter data. | Submitter did not enter data. | Submitter did not enter data. | Submitter did not enter data. | Submitter did not enter data. | Submitter did not enter data. |
| Aguada | Municipality | 07/01/20 | Build a new tsunami evacuation route to residents of the coast in Bo Guaniquilla | Connect PR 115 Km 21.2 Int with Camino La Playa | \$400,000.00 | | Federal, State, Grant or Loan | \$400,000.00 | 650m | 18.38701 | -67.20712 | Tsunami | |
| Aguada | Municipality | 07/01/20 | Build a reserve tank to benefit the Bo Pueblo community and adjacent neighborhoods in case of drought | Carr PR 441 Km 0.6 int Bo Guaniquilla | \$300,000.00 | | Federal, State, Grant or Loan | \$300,000.00 | | 18.38528 | -67.19164 | Drought | |
| Aguada | Municipality | 07/01/20 | Canalization of the Culebra river to avoid flooding caused by constant rains along the PR 115. | Along PR 115 from Km 21.8 to Km 21.3 | \$700,000.00 | | Federal, State, Grant or Loan | \$700,000.00 | 500m | 18.38302 | -67.20129 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Canalization of the Culebrinas river and construction of levees. The purpose is to mitigate the floods caused by the Rio Culebrinas and Caño Madre Vieja to the Espinar community | PR 115 Km 26.9 | \$5,500,000.00 | | Federal, State, Grant or Loan | \$5,500,000.00 | 2600m | 18.39881 | -67.16069 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Canalization of the Ingenio river to avoid flooding caused by constant rains along the Avenue Padre Pablo Gutierrez. | Along the Avenue Padre Pablo Gutierrez Int PR 414 | \$1,000,000.00 | | Federal, State, Grant or Loan | \$1,000,000.00 | 1400m | 18.37739 | -67.18871 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Coastal Road collapsing mitigation This includes repairing the road, sidewalks, and coastal erosion at (Pico de Piedra Bo Guaniquilla) | Road Camino La Playa Bo. Guaniquilla | \$800,000.00 | | Federal, State, Grant or Loan | \$800,000.00 | 500m | 18.3873 | -67.20715 | Multi-Hazard Mitigation | |
| Aguada | Municipality | 07/01/20 | Coastal Road collapsing mitigation This includes repairing the road, sidewalks, and coastal erosion at Espina | Road PR 442 Bo Espinar | \$700,000.00 | | Federal, State, Grant or Loan | \$700,000.00 | 600m | 18.40831 | -67.17091 | Multi-Hazard Mitigation | |
| Aguada | Municipality | 07/01/20 | Connect highway PR 418 with PR 417 to evacuate the community due to flooding | Connect Carr PR 417 Km 1.1 int with PR 418 | \$250,000.00 | | Federal, State, Grant or Loan | \$250,000.00 | 1400m | 18.37704 | -67.15952 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Construction of a bridge for the residents of Bo Espinar creating a new evacuation route This community only has a single entrance and exit and, in case of atmospheric events, they are left without access due to flooding | Connecting the PR 442 road with the Tablonal community | \$1,300,000.00 | | Federal, State, Grant or Loan | \$1,300,000.00 | 900m | 18.40291 | -67.17077 | Multi-Hazard Mitigation | |
| Aguada | Municipality | 07/01/20 | Construction of a retaining wall to prevent landslides in front of the Pico de Piedra Beach | Carr PR 115 Km 20.8 int Road la Playa | \$300,000.00 | | Federal, State, Grant or Loan | \$300,000.00 | 180m | 18.3841 | -67.21151 | Rain induced Landslides | |
| Aguada | Municipality | 07/01/20 | Construction of sidewalks and new storm sewer systems on various roads in Aguada | Calle A Int Calle L Parcelas Novoa Bo Guaniquilla | \$400,000.00 | | Federal, State, Grant or Loan | \$400,000.00 | 400m | 18.38869 | -67.19997 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Installation of electrical generators in a critical facilities of the Aguada Municipality to continue providing basic and essential services. | The facilities are located at the town of Aguada, City Hall, Police Department, Finance Department and Federal Program department. | \$100,000.00 | | Federal, State, Grant or Loan | \$100,000.00 | | 18.38002 | -67.18866 | Lightning | |
| Aguada | Municipality | 07/01/20 | Installation of storm shutters in a critical facilities of the Aguada Municipality to continue providing basic and essential services. | The facilities are located at the town of Aguada, City Hall, Police Department, Finance Department and Federal Program department. | \$150,000.00 | | Federal, State, Grant or Loan | \$150,000.00 | | 18.38002 | -67.18866 | Hurricane Force Winds | |
| Aguada | Municipality | 07/01/20 | Make improvements to Aguada schools to make them earthquake resistant. | School DR Carlos González, School Juana Rosario, School Lydia Melendez | \$400,000.00 | | Federal, State, Grant or Loan | \$400,000.00 | | 18.38362 | -67.19068 | Earthquakes | |
| Aguada | Municipality | 07/01/20 | New evacuation route for residents of Mamey neighborhood. This community only has a single entrance and exit and, in case of heavy rains, they are left without access due to flooding | Carr PR 4417 Km 0.8 Int Bo Mamey | \$200,000.00 | | Federal, State, Grant or Loan | \$200,000.00 | 160m | 18.37554 | -67.14648 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | New evacuation route for residents of the Carrizal neighborhood. This community only has a single entrance and exit and, in case of heavy rains, they are left without access due to flooding | Along highway PR 441 to connect with PR 4439 at Bo Tablonal | \$300,000.00 | | Federal, State, Grant or Loan | \$300,000.00 | 2000 m | 18.39748 | -67.18153 | Multi-Hazard Mitigation | |
| Aguada | Municipality | 07/01/20 | Reconstruction and elevation improvements to the bridge located in Bo Cerro Gordo Carretera PR 2 Km 136 int. This allows the flow of vehicles in flood events and benefits many families who transit through the area | The Bridge is located on a road PR 2 km 136 int | \$400,000.00 | | Federal, State, Grant or Loan | \$400,000.00 | 17m | 18.34381 | -67.15599 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Reconstruction and elevation improvements to the bridge located in Bo Mamey. This allows the flow of vehicles in flood events and benefits many families who transit through the area. | The Bridge is located on a road PR 4417 km 1.1 | \$350,000.00 | | Federal, State, Grant or Loan | \$350,000.00 | 20m | 18.37391 | -67.14079 | 100-year flooding | |



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| Aguada | Municipality | 07/01/20 | Reconstruction and improvements of the bridge located in Bo Logunas road PR 416. This allows the flow of vehicles in flood events and benefits many families who transit through the area | The Bridge is located on a road 416 km 5.2 int | \$300,000.00 | | Federal, State, Grant or Loan | \$300,000.00 | 21m | 18.35511 | -67.17402 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Reconstruction and improvements of the bridge located in Bo Marías | The Bridge is located on a road PR 417 km 7.3 int | \$300,000.00 | | Federal, State, Grant or Loan | \$300,000.00 | 15m | 18.35688 | -67.13806 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | Reconstruction and improvements of the bridge located in Bo Naranjo Carretera PR 2 km 138.7 int. This allows the flow of vehicles in flood events and benefits many families who transit through the area | The Bridge is located on a road PR 2 km 138.7 int | \$700,000.00 | | Federal, State, Grant or Loan | \$700,000.00 | 18m | 18.33009 | -67.15766 | 100-year flooding | |
| Aguada | Municipality | 07/01/20 | The "Isabel la Católica" Community is composed of approximately 164 residences whereby almost 30 residences experienced severe flood problems during the impact of Hurricane Maria and also continue confronting repetitive flood problems from other isolated weather events. The Municipality of Aguada has contemplated the project of retention ponds to mitigate the risk. | Avenida nativa Aler Int PR 115 Km 21.8 | \$800,000.00 | | Federal, State, Grant or Loan | \$800,000.00 | 2 Acres | 18.38233 | -67.20059 | 100-year flooding | |
| Aguadilla | Municipality | 06/30/20 | Acquisition of three structures with repetitive losses through buy-out. | Pueblo Ward | \$54,850.00 | | | \$54,850.00 | | | | | Acquisition of structures with repetitive losses |
| Aguadilla | Municipality | 08/05/20 | Acquisition of three structures with repetitive losses through buy-out. | Pueblo Ward | \$54,850.00 | | | \$54,850.00 | | | | | Acquisition of structures with repetitive losses |
| Aguadilla | Municipality | 06/30/20 | Carry out a geological study to validate the obstruction of a sump due to the construction of a house in it. | Carr. 467 interior Callejon Elpidio | \$3,000,000.00 | | | \$3,000,000.00 | | 18.4807401 | -67.1469127 | 100-year flooding | "Callejon Elpidio" |
| Aguadilla | Municipality | 08/05/20 | Carry out a geological study to validate the obstruction of a sump due to the construction of a house in it. | Carr. 467 interior Callejon Elpidio | \$4,500,000.00 | | | \$3,000,000.00 | | 18.4807401 | -67.1469127 | 100-year flooding | "Callejon Elpidio" |
| Aguadilla | Municipality | 08/05/20 | Carry out a geological study to validate the obstruction of a sump due to the construction of a house in it. Improve the drainage system. | Bo. Vista Verde | \$2,000,000.00 | | | \$1,500,000.00 | | | | 100-year flooding | |
| Aguadilla | Municipality | 06/30/20 | Cleaning and dredging of the retention pond. Benefits approximately 2,396 persons. | Urb. Paseos Reales, Arenales Ward | \$500,000.00 | | | \$500,000.00 | | 18.4856 | -67.1052 | 100-year flooding | Retention pond improvements - Urb. Paseos Reales |
| Aguadilla | Municipality | 08/05/20 | Cleaning and dredging of the retention pond. Benefits approximately 2,396 persons. | Urb. Paseos Reales, Arenales Ward | \$500,000.00 | | | \$500,000.00 | | 18.4856 | -67.1052 | 100-year flooding | Retention pond improvements - Urb. Paseos Reales |
| Aguadilla | Municipality | 06/30/20 | Cleaning and dredging of the retention pond. Benefits approximately 3,368 persons. | Justino Street, Jardines de Guerrero, Guerrero Ward | \$500,000.00 | | | \$500,000.00 | | 18.468 | -67.073 | 100-year flooding | Retention pond improvements - Justino Street |
| Aguadilla | Municipality | 08/05/20 | Cleaning and dredging of the retention pond. Benefits approximately 3,368 persons. | Justino Street, Jardines de Guerrero, Guerrero Ward | \$500,000.00 | | | \$500,000.00 | | 18.468 | -67.073 | 100-year flooding | Retention pond improvements - Justino Street |
| Aguadilla | Municipality | 06/30/20 | Cleaning and dredging. Benefits approximately 1,403 persons. | Victoria Ward - Caños LaCacula, Monte Brujo, and Madre Vieja | \$2,500,000.00 | | | \$2,500,000.00 | | 18.4125 | -67.1618 | 100-year flooding | Dredging of Caños La Cacula, Monte Brujo, and Madre Vieja |
| Aguadilla | Municipality | 06/30/20 | Cleaning of drains and the construction of a retention pond with capacity to collect runoff waters. | Intersection of PR-459 and PR-110 Bridge | \$5,000,000.00 | | | \$5,000,000.00 | | 18.4825348 | -67.1086712 | 100-year flooding | Drainage improvements project - PR-459 and PR-110 |
| Aguadilla | Municipality | 08/05/20 | Cleaning of drains and the construction of a retention pond with capacity to collect runoff waters. | Intersection of PR-459 and PR-110 Bridge | \$5,000,000.00 | | | \$5,000,000.00 | | 18.4825348 | -67.1086712 | 100-year flooding | Drainage improvements project - PR-459 and PR-110 |
| Aguadilla | Municipality | 06/30/20 | Conduct geotechnical study to apply erosion control measures to mitigate soil erosion and stabilize slope of mountains. Benefits approximately 2,484 persons. | San Carlos Avenue, PR-2R, Pueblo Ward | \$1,000,000.00 | | | \$1,000,000.00 | | 18.4283462 | -67.1502547 | Rain Induced Landslides | Landslides control, San Carlos Avenue Carr. PR-2R |
| Aguadilla | Municipality | 06/30/20 | Consider burying primary and secondary power wiring. Benefits approximately 2,484 persons | Progreso Street, Pueblo Ward | \$3,000,000.00 | | | \$3,000,000.00 | | 18.4235698 | -67.1543018 | Multi-Hazard Mitigation | Burying electrical wiring - Progreso Street |
| Aguadilla | Municipality | 08/05/20 | Consider burying primary and secondary power wiring. Benefits approximately 2,484 persons. | Progreso Street, Pueblo Ward | \$3,000,000.00 | | | \$3,000,000.00 | | 18.4235698 | -67.1543018 | Multi-Hazard Mitigation | Burying electrical wiring - Progreso Street |
| Aguadilla | Municipality | 06/30/20 | Construction a power grid based on natural gas to prevent power loss | Ramey Base, near Aguadilla Airport | \$22,000,000.00 | | | \$22,000,000.00 | | 18.4959535 | -67.1424776 | Multi-Hazard Mitigation | Aguadilla Clean Energy |
| Aguadilla | Municipality | 08/05/20 | Construction a power grid based on natural gas to prevent power loss | Ramey Base, near Aguadilla Airport | \$30,000,000.00 | | | \$22,000,000.00 | | 18.4959535 | -67.1424776 | Multi-Hazard Mitigation | Aguadilla Clean Energy |
| Aguadilla | Municipality | 06/30/20 | Construction of a connector from the Burns Street towards PR-110. This connector will provide direct access to the airport, which is the primary operator during an emergency event. | Burns Street | \$30,000,000.00 | | | \$30,000,000.00 | | 18.4817936 | -67.1298563 | Lightning | Burns Street Connector to PR-110 |
| Aguadilla | Municipality | 08/05/20 | Construction of a connector from the Burns Street towards PR-110. This connector will provide direct access to the airport, which is the primary operator during an emergency event. | Burns Street | \$30,000,000.00 | | | \$30,000,000.00 | | 18.4817936 | -67.1298563 | Lightning | Burns Street Connector to PR-110 |
| Aguadilla | Municipality | 06/30/20 | Construction of a drainage system - PR-459 | PR-459 interior, Ceiba Alta Ward | \$600,000.00 | | | \$600,000.00 | | | | | Construction of a drainage system - PR-459 |
| Aguadilla | Municipality | 08/05/20 | Construction of a drainage system - PR-459 | PR-459 interior, Ceiba Alta Ward | \$600,000.00 | | | \$600,000.00 | | | | | Construction of a drainage system - PR-459 |
| Aguadilla | Municipality | 06/30/20 | Construction of a drainage system and a retention pond - PR-107. Benefits approximately 12,345 persons. | PR-107 Camaseyes Ward | \$4,000,000.00 | | | \$4,000,000.00 | | | | 100-year flooding | Construction of a drainage system and a retention pond - PR-107 |
| Aguadilla | Municipality | 08/05/20 | Construction of a drainage system and a retention pond - PR-107. Benefits approximately 12,345 persons. | PR-107 Camaseyes Ward | \$4,000,000.00 | | | \$4,000,000.00 | | | | 100-year flooding | Construction of a drainage system and a retention pond - PR-107 |
| Aguadilla | Municipality | 06/30/20 | Construction of a drainage system Camino Los Medina. Benefits approximately 12,345 persons. | Camino Los Medina, Camaseyes Ward | \$100,000.00 | | | \$100,000.00 | | 18.4629 | -67.1477 | | Construction of a drainage system Camino Los Medina |
| Aguadilla | Municipality | 08/05/20 | Construction of a drainage system Camino Los Medina. Benefits approximately 12,345 persons. | Camino Los Medina, Camaseyes Ward | \$100,000.00 | | | \$100,000.00 | | 18.4629 | -67.1477 | | Construction of a drainage system Camino Los Medina |
| Aguadilla | Municipality | 06/30/20 | Construction of a drainage system. Benefits approximately 1,376 persons. | PR-443 and Las Bambuas Street, Palmer Ward | \$400,000.00 | | | \$400,000.00 | | 18.4063773 | -67.1375434 | 100-year flooding | Construction of a drainage system - PR-443 and Las Bambuas Street |
| Aguadilla | Municipality | 08/05/20 | Construction of a drainage system. Benefits approximately 1,376 persons. | PR-443 and Las Bambuas Street, Palmer Ward | \$400,000.00 | | | \$400,000.00 | | 18.4063773 | -67.1375434 | 100-year flooding | Construction of a drainage system - PR-443 and Las Bambuas Street |
| Aguadilla | Municipality | 06/30/20 | Construction of a drainage system. Benefits approximately 6,374 persons. | PR-107 Int. Km. 2.7 Playuela Sector, Borinquen Ward | \$75,000.00 | | | \$75,000.00 | | | | | Construction of a drainage system - PR-107 Int. Km. 2.7, Playuela Sector |
| Aguadilla | Municipality | 08/05/20 | Construction of a drainage system. Benefits approximately 6,374 persons. | PR-107 Int. Km. 2.7 Playuela Sector, Borinquen Ward | \$75,000.00 | | | \$75,000.00 | | | | | Construction of a drainage system - PR-107 Int. Km. 2.7, Playuela Sector |
| Aguadilla | Municipality | 06/30/20 | Construction of a new office for Emergency Management Office in Aguadilla | | \$3,500,000.00 | | | \$3,500,000.00 | | | | Multi-Hazard Mitigation | Emergency Management Center |
| Aguadilla | Municipality | 08/05/20 | Construction of a new office for Emergency Management Office in Aguadilla | | \$3,500,000.00 | | | \$3,500,000.00 | | | | Multi-Hazard Mitigation | Emergency Management Center |
| Aguadilla | Municipality | 06/30/20 | Construction of an area to attend Aguadilla Citizen in an event of tsunami, earthquake and any other emergency event. It will be an area designated to attend the municipal need in events of emergency it will provide area for meetings attending social distancing, communications area and more. Will Benefit entire municipal population of an approximate of 54582 people and more including tourists. | PR-459 | \$200,000.00 | | | \$200,000.00 | 12233mc | 18.4587765 | -67.13413788 | Multi-Hazard Mitigation | Aguadilla Emergency Hub |
| Aguadilla | Municipality | 08/05/20 | Construction of an area to attend Aguadilla Citizen in an event of tsunami, earthquake and any other emergency event. It will be an area designated to attend the municipal need in events of emergency it will provide area for meetings attending social distancing, communications area and more. Will Benefit entire municipal population of an approximate of 54582 people and more including tourists. | PR-459 | \$200,000.00 | | | \$200,000.00 | 12233mc | 18.4587765 | -67.13413788 | Multi-Hazard Mitigation | Aguadilla Emergency Hub |
| Aguadilla | Municipality | 06/30/20 | Construction of levees for flood control. Benefits approximately 1,403 persons. | Victoria Ward - Rio Culebrinas and Caño Madre Vieja | \$24,404,000.00 | | USACE | \$24,404,000.00 | | 18.4125 | -67.1618 | 100-year flooding | Flood control Rio Culebrinas |
| Aguadilla | Municipality | 08/05/20 | Construction of levees for flood control. Benefits approximately 1,403 persons. | Victoria Ward - Rio Culebrinas and Caño Madre Vieja | \$24,404,000.00 | | USACE | \$24,404,000.00 | | 18.4125 | -67.1618 | 100-year flooding | Flood control Rio Culebrinas |
| Aguadilla | Municipality | 06/30/20 | Develop a census of the population with special needs to outline specific mitigation measures, as well as develop and implement relocation, rescue, and eviction procedures for these groups. | | \$150,000.00 | | | \$150,000.00 | | | | | Census of the population with special needs |
| Aguadilla | Municipality | 08/05/20 | Develop a census of the population with special needs to outline specific mitigation measures, as well as develop and implement relocation, rescue, and eviction procedures for these groups. | | \$150,000.00 | | | \$150,000.00 | | | | | Census of the population with special needs |
| Aguadilla | Municipality | 06/30/20 | Develop a green infrastructure project to retain water in significant rain events. | PR-115 | Unknown | | | | | 18.3136807 | -67.2239261 | 100-year flooding | Ecological restoration PR-115 |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Aguadilla | Municipality | 08/05/20 | Develop a green infrastructure project to retain water in significant rain events. | PR-115 | Unknown | | | | | 18.3136807 | -67.2239261 | 100-year flooding | Ecological restoration PR-115 |
| Aguadilla | Municipality | 06/30/20 | Development of a conditioned building to use it as a shelter in emergencies. | | \$3,000,000.00 | | | \$3,000,000.00 | | | | | Refuge Center |
| Aguadilla | Municipality | 08/05/20 | Development of a conditioned building to use it as a shelter in emergencies. | | \$3,000,000.00 | | | \$3,000,000.00 | | | | | Refuge Center |
| Aguadilla | Municipality | 06/30/20 | Ensure that residents, visitors, and workers are informed about risks that affect the municipality and the available prevention and mitigation actions. Benefits entire Municipality population 57,582. | | \$220,000.00 | | | \$220,000.00 | | | | Multi-Hazard Mitigation | Education and orientation programs for residents, visitors, and |
| Aguadilla | Municipality | 08/05/20 | Ensure that residents, visitors, and workers are informed about risks that affect the municipality and the available prevention and mitigation actions. Benefits entire Municipality population 57,582. | | \$220,000.00 | | | \$220,000.00 | | | | Multi-Hazard Mitigation | Education and orientation programs for residents, visitors, and businesses |
| Aguadilla | Municipality | 06/30/20 | improve the conditions by widening the road and building walls to prevent landslides. Benefits approximately 1,403 persons. | Camino Los Concepción, Victoria Ward | \$275,000.00 | | | \$275,000.00 | | 18.4043715 | -67.15205555 | Rain Induced Landslides | Improvements to evacuation route Camino Los Concepción |
| Aguadilla | Municipality | 08/05/20 | improve the conditions by widening the road and building walls to prevent landslides. Benefits approximately 1,403 persons. | Camino Los Concepción, Victoria Ward | \$275,000.00 | | | \$275,000.00 | | 18.4043715 | -67.15205555 | Rain Induced Landslides | Improvements to evacuation route Camino Los Concepción |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. Benefits approximately 12,345 persons. | El Cobo Street, Camaseyes Ward | \$108,500.00 | | | \$108,500.00 | | 18.4672 | -67.1568 | 100-year flooding | Drainage improvements project - El Cobo Street |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. | Intersection of Calle Tulipán with Calle C, Victoria Ward | \$59,000.00 | | | \$59,000.00 | | 18.4117639 | -67.1547717 | 100-year flooding | Improvements in drainage at the intersection of Calle Tulipán |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. Benefits approximately 1,403 persons. | Cruce La Victoria, Victoria Ward | \$3,265,000.00 | | | \$3,265,000.00 | | | | 100-year flooding | Improvements in runoff water drainage |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. Benefits approximately 1,403 persons. | Juan Yuyo Santos Street, Victoria Ward | Unknown | | | | | 18.4097 | -67.153 | 100-year flooding | Improvements to the drainage of runoff waters, Juan Yuyo Sar |
| Aguadilla | Municipality | 08/05/20 | improvements to infrastructure to avoid floods. Benefits approximately 1,403 persons. | Cruce La Victoria, Victoria Ward | \$3,265,000.00 | | | \$3,265,000.00 | | | | 100-year flooding | Improvements in runoff water drainage |
| Aguadilla | Municipality | 08/05/20 | improvements to infrastructure to avoid floods. Benefits approximately 1,403 persons. | Juan Yuyo Santos Street, Victoria Ward | Unknown | | | | | 18.4097 | -67.153 | 100-year flooding | Improvements to the drainage of runoff waters, Juan Yuyo Santos Street |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. Benefits approximately 2,484 persons. | Belances Street, Pueblo Ward | Unknown | | | | | | | | Improvements to the drainage of runoff waters, Belances Street |
| Aguadilla | Municipality | 08/05/20 | improvements to infrastructure to avoid floods. Benefits approximately 2,484 persons. | Belances Street, Pueblo Ward | Unknown | | | | | | | | Improvements to the drainage of runoff waters, Belances Street |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. Benefits approximately 3,064 persons. | Palau Street, Montaña Ward | \$500,000.00 | | | \$500,000.00 | | 18.4943 | -67.0937 | 100-year flooding | Drainage improvements project - Palau Street |
| Aguadilla | Municipality | 06/30/20 | improvements to infrastructure to avoid floods. Benefits approximately 3,064 persons. | Los Pinos Street, Montaña Ward | \$150,000.00 | | | \$150,000.00 | | 18.491 | -67.0966 | 100-year flooding | Drainage improvements project - Los Pinos Street |
| Aguadilla | Municipality | 06/30/20 | Improvements to roads and stairs and the expropriation and demolition of abandoned structures. Benefits approximately 2,484 persons. | Cerro Gonzalo, La Cambija, Barriada Visbal, La Vía, Calle Duda, and Cerro Juan Vega, Pueblo Ward | \$3,000,000.00 | | | \$3,000,000.00 | | 18.4242311 | -67.1531079 | Rain Induced Landslides | Improvements to tsunami evacuation routes |
| Aguadilla | Municipality | 08/05/20 | Improvements to roads and stairs and the expropriation and demolition of abandoned structures. Benefits approximately 2,484 persons. | Cerro Gonzalo, La Cambija, Barriada Visbal, La Vía, Calle Duda, and Cerro Juan Vega, Pueblo Ward | \$3,000,000.00 | | | \$3,000,000.00 | | 18.4242311 | -67.1531079 | Rain Induced Landslides | Improvements to tsunami evacuation routes |
| Aguadilla | Municipality | 06/30/20 | improvements to storm drainage by rebuilding a storm drain and the head wall. Benefits approximately 6,374 persons. | Masetaso Street, Sec. Playuela, Borinquen Ward | \$300,000.00 | | | \$300,000.00 | | 18.4745 | -67.1555 | 100-year flooding | Improvements to the drainage of runoff waters, Masetaso Street |
| Aguadilla | Municipality | 08/05/20 | improvements to storm drainage by rebuilding a storm drain and the head wall. Benefits approximately 6,374 persons. | Masetaso Street, Sec. Playuela, Borinquen Ward | \$300,000.00 | | | \$300,000.00 | | 18.4745 | -67.1555 | 100-year flooding | Improvements to the drainage of runoff waters, Masetaso Street |
| Aguadilla | Municipality | 06/30/20 | in order to protect the coast from coastal erosion and urban flooding we need a construction of a wall to protect urban area. Benefits approximately 2,484 persons. | Carr. PR-440, Pueblo Ward | \$10,000,000.00 | | | \$10,000,000.00 | | 18.4308456 | -67.1552966 | 100-year flooding | Protection coastal erosion - Pueblo Ward |
| Aguadilla | Municipality | 08/05/20 | in order to protect the coast from coastal erosion and urban flooding we need a construction of a wall to protect urban area. Benefits approximately 2,484 persons. | Carr. PR-440, Pueblo Ward | \$10,000,000.00 | | | \$10,000,000.00 | | 18.4308456 | -67.1552966 | 100-year flooding | Protection coastal erosion - Pueblo Ward |
| Aguadilla | Municipality | 06/30/20 | install warning signs on road segments subject to floods. | | \$100,000.00 | | | \$54 each | | | | Multi-Hazard Mitigation | Installation of information signs |
| Aguadilla | Municipality | 08/05/20 | install warning signs on road segments subject to floods. | | Unknown | | | \$54 each | | | | Multi-Hazard Mitigation | Installation of information signs |
| Aguadilla | Municipality | 06/30/20 | Mitigation of approximately 20 structures highly vulnerable to coastal flooding, sea level rise, tsunamis, and liquefaction. | Tamarindo Sector, Pueblo Ward | \$1,047,440.00 | | | \$1,047,440.00 | | 18.4376 | -67.156 | Multi-Hazard Mitigation | Structure Relocation Tamarindo Sector |
| Aguadilla | Municipality | 08/05/20 | Mitigation of approximately 20 structures highly vulnerable to coastal flooding, sea level rise, tsunamis, and liquefaction. | Tamarindo Sector, Pueblo Ward | \$1,047,440.00 | | | \$1,047,440.00 | | 18.4376 | -67.156 | Multi-Hazard Mitigation | Structure Relocation Tamarindo Sector |
| Aguadilla | Municipality | 08/05/20 | Perform a study to evaluate and improve water drainage system | Bo, Corrales | \$2,000,000.00 | | | \$2,000,000.00 | | | | 100-year flooding | |
| Aguadilla | Municipality | 06/30/20 | Rainwater channeling and the construction of a forged bridge that allows runoff water to flow underneath, but allowing water to pass over the bridge in major events. | Intersection PR-459 with Interamericana Street | \$400,000.00 | | | \$400,000.00 | | 18.459526 | -67.1294377 | 100-year flooding | Drainage improvements project - PR-459 and Interamericana |
| Aguadilla | Municipality | 08/05/20 | Rainwater channeling and the construction of a forged bridge that allows runoff water to flow underneath, but allowing water to pass over the bridge in major events. | Intersection PR-459 with Interamericana Street | \$400,000.00 | | | \$400,000.00 | | 18.459526 | -67.1294377 | 100-year flooding | Drainage improvements project - PR-459 and Interamericana Street |
| Aguadilla | Municipality | 08/05/20 | Relocate the Municipal Police facilities as it is located in an area exposed to various situations, such as coastal floods, tsunamis, and liquefaction. | Pueblo Ward | \$2,000,000.00 | | | \$2,000,000.00 | | | | Multi-Hazard Mitigation | Relocation of structures in areas de peligro |
| Aguadilla | Municipality | 06/30/20 | Relocate the Municipal Police facilities as it is located in an area exposed to various situations, such as coastal floods, tsunamis, and liquefaction. | Pueblo Ward | \$1,000,000.00 | | | \$1,000,000.00 | | | | 100-year flooding | Relocate Municipal Police facilities |
| Aguadilla | Municipality | 08/05/20 | Relocate the Municipal Police facilities as it is located in an area exposed to various situations, such as coastal floods, tsunamis, and liquefaction. | Pueblo Ward | \$1,000,000.00 | | | \$1,000,000.00 | | | | 100-year flooding | Relocate Municipal Police facilities |
| Aguadilla | Municipality | 06/30/20 | Repair and acquisition of emergency response equipment | | \$80,000.00 | | | \$80,000.00 | | | | | Acquisition of emergency response equipment |
| Aguadilla | Municipality | 08/05/20 | Repair and acquisition of emergency response equipment | | \$80,000.00 | | | \$80,000.00 | | | | | Acquisition of emergency response equipment |
| Aguadilla | Municipality | 06/30/20 | Sumps cleaning in Urb. Nuevo San Antonio and Urb. Cristal. Benefits approximately 6,430 persons. | Urb. San Antonio, Montaña Ward, Urb. Cristal - Corrales Ward | \$1,100,000.00 | | | \$1,100,000.00 | | 18.4898209 | -67.1132141 | 100-year flooding | Sump cleaning - Urb. Nuevo San Antonio and Urb. Cristal |
| Aguadilla | Municipality | 08/05/20 | Sumps cleaning in Urb. Nuevo San Antonio and Urb. Cristal. Benefits approximately 6,430 persons. | Urb. San Antonio, Montaña Ward, Urb. Cristal - Corrales Ward | \$1,100,000.00 | | | \$1,100,000.00 | | 18.4898209 | -67.1132141 | 100-year flooding | Sump cleaning - Urb. Nuevo San Antonio and Urb. Cristal |
| Aguadilla | Municipality | 06/30/20 | Wall construction to prevent landslides in tsunami evacuation route. | La Cambija Street | \$280,000.00 | | | \$280,000.00 | | 18.4151497 | -67.1538495 | Rain Induced Landslides | Improvements to evacuation route La Cambija |
| Aguadilla | Municipality | 06/30/20 | | | \$2,000,000.00 | | | \$2,000,000.00 | | | | Multi-Hazard Mitigation | Relocation of structures in areas de peligro |
| Aguas Buenas | Municipality | 07/03/20 | Channeling currents of the Arenas Gully that run through the Estancias del Rio Urbanization in Bo. Jagüeyes Down. The channeling would benefit some sixteen families in the Urbanization, in addition to 3 shops that are flooded with facilities | First Area : From Road 797 Km 0.8 interior, 2 Street G-10 to Yaguez Street # 15 Estancias del Rio Urbanization ; Second Area : Road 797 Km 0.5 interior Los O'neill Street Bo. Jagüeyes | \$5,000,000.00 | \$0.00 | N/A | \$5,000,000.00 | First Area: 0.88 acres ; Second Area: 0.4 acres | Start: 18.29771831 End: 18.30062979 | Start: -66.07205953 End: -66.06996351 | Flood, Scour and landslides | |
| Aguas Buenas | Municipality | 07/17/20 | Channeling currents of the Arenas Gully that run through the Estancias del Rio Urbanization in Bo. Jagüeyes Down. The channeling would benefit some sixteen families in the Urbanization, in addition to 3 shops that are flooded with facilities | First Area : From Road 797 Km 0.8 interior, 2 Street G-10 to Yaguez Street # 15 Estancias del Rio Urbanization ; Second Area : Road 797 Km 0.5 interior Los O'neill Street Bo. Jagüeyes | \$5,000,000.00 | \$0.00 | N/A | \$5,000,000.00 | First Area: 0.88 acres ; Second Area: 0.4 acres | Start: 18.29771831 End: 18.30062979 | Start: -66.07205953 End: -66.06996351 | Flood, Scour and landslides | |
| Aguas Buenas | Municipality | 07/03/20 | Channeling currents of The Dead Gully from which 7 families would benefit from Sector Pajilla in Bo Pueblo | Monserate Final Street, 198-074-027-42 | \$1,500,000.00 | \$0.00 | N/A | \$1,500,000.00 | 0.08 acres | Star: 18.25470689 End: 18.25454334 | Start: -66.10417520 End: -66.10495007 | Flood and undercut | |
| Aguas Buenas | Municipality | 07/17/20 | Channeling currents of The Dead Gully from which 7 families would benefit from Sector Pajilla in Bo Pueblo | Monserate Final Street, 198-074-027-42 | \$1,500,000.00 | \$0.00 | N/A | \$1,500,000.00 | 0.08 acres | Star: 18.25470689 End: 18.25454334 | Start: -66.10417520 End: -66.10495007 | Flood and undercut | |
| Aguas Buenas | Municipality | 07/03/20 | Channeling of currents from the Cuesta Amba river that runs through private land of 4 families, whose properties are affected by flooding during heavy rain events. | Road 78 Interior Prieto Gully Street Bo Juan Asencio, 170-094-987-03 | \$3,000,000.00 | \$0.00 | N/A | \$3,000,000.00 | 0.15 acres | 18.28048986 | -66.16396814 | Flood | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Aguas Buenas | Municipality | 07/17/20 | Channeling of currents from the Cuesta Arriba river that runs through private land of 4 families, whose properties are affected by flooding during heavy rain events. | Road 78 Interior Prieta Gully Street Bo Juan Asencio, 170-094-987-03 | \$3,000,000.00 | \$0.00 | N/A | \$3,000,000.00 | 0.15 acres | 18.28048986 | -66.16396814 | Flood | |
| Aguas Buenas | Municipality | 07/03/20 | Channeling of currents of the Caguaitas River in the section of highway 777 from km 1.4 to 1.8 in which the area is flooded, affecting traffic and directly 4 families. | Road 777 Km 1.4 to 1.8 Bo. Caguaitas, 224-025-124-02 | \$1,500,000.00 | \$0.00 | N/A | \$1,500,000.00 | 0.08 acres | 18.24088597 | -66.09526587 | Flood | |
| Aguas Buenas | Municipality | 07/17/20 | Channeling of currents of the Caguaitas River in the section of highway 777 from km 1.4 to 1.8 in which the area is flooded, affecting traffic and directly 4 families. | Road 777 Km 1.4 to 1.8 Bo. Caguaitas, 224-025-124-02 | \$1,500,000.00 | \$0.00 | N/A | \$1,500,000.00 | 0.08 acres | 18.24088597 | -66.09526587 | Flood | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of 150 feet of gutters, in addition to the installation of 60 feet of corrugated pipe and construction of two storm works | Faisan Final Street, Corujas Community, Bo. Sumidero, 223-000-009-31 | \$20,000.00 | \$0.00 | N/A | \$20,000.00 | 0.1 acres | 18.22098829 | -66.14265004 | runoff management and water withdrawal | |
| Aguas Buenas | Municipality | 07/03/20 | Construction of an elevated bridge, in the facilities of the Second Unit of Bayamoncito in Bo Bayamoncito where the Vicente Gully runs and in events of torrential rain, floods occur, leaving approximately 250 people isolated between students and teaching staff. | Road 156 Km 42.9 Interior Bo Bayamoncito, 223-000-003-12 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 0.02 acres | 18.23714037 | -66.16210223 | Flood | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of an elevated bridge, in the facilities of the Second Unit of Bayamoncito in Bo Bayamoncito where the Vicente Gully runs and in events of torrential rain, floods occur, leaving approximately 250 people isolated between students and teaching staff. | Road 156 Km 42.9 Interior Bo Bayamoncito, 223-000-003-12 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 0.02 acres | 18.23714037 | -66.16210223 | Flood | |
| Aguas Buenas | Municipality | 07/03/20 | Construction of an elevated bridge, in the La Charca Sector in the Bo Mula where the Bayamon River runs and in torrential rain events, floods occur, leaving three neighborhoods isolated for the period of approximately 5 hours. | Road 174 Km 19.6 Interior Bo Mula Sector La Charca | \$5,000,000.00 | \$0.00 | N/A | \$5,000,000.00 | 0.38 acres | 18.26122035 | -66.13441693 | Flood | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of an elevated bridge, in the La Charca Sector in the Bo Mula where the Bayamon River runs and in torrential rain events, floods occur, leaving three neighborhoods isolated for the period of approximately 5 hours. | Road 174 Km 19.6 Interior Bo Mula Sector La Charca | \$5,000,000.00 | \$0.00 | N/A | \$5,000,000.00 | 0.38 acres | 18.26122035 | -66.13441693 | Flood | |
| Aguas Buenas | Municipality | 07/03/20 | Construction of ditches on both sides of Calle Robles in Bo Sonadora to manage runoff water to prevent flooding to private properties. | Robles Street, Bo Sonadora, 198-053-154-10 | \$16,000.00 | \$0.00 | N/A | \$16,000.00 | 180 ML | 18.26255118 | -66.10715624 | runoff management | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of ditches on both sides of Calle Robles in Bo Sonadora to manage runoff water to prevent flooding to private properties. | Robles Street, Bo Sonadora, 198-053-154-10 | \$16,000.00 | \$0.00 | N/A | \$16,000.00 | 180 ML | 18.26255118 | -66.10715624 | runoff management | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of ditches on both sides of Municipality Road in Bo Sumidero, Cantalicio Ramos Sector to manage runoff water to prevent flooding to private properties. | Road 173 Km 19.1 Interior Cantalicio Ramos Sector, Bo. Sumidero, 249-020-187-70 | \$93,000.00 | \$0.00 | N/A | \$93,000.00 | 712 ML | Start: 18.21260312 End: 18.20981129 | Start: -66.12787595, End: -66.12882036 | runoff management | |
| Aguas Buenas | Municipality | 07/03/20 | Construction of ditches on the right side of Amangi street in the Oraideas Community of Bo Mulas for the management of runoff waters to prevent flooding to private properties. | Amangi Street Oraideas Community, Bo. Mulas, Start: 198-081-131-44 End: 198-081-131-40 | \$8,000.00 | \$0.00 | N/A | \$8,000.00 | 80 ML | Star: 18.25390205 End: 18.25409087 | Start: -66.11948498 End: -66.11852518 | runoff management | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of ditches on the right side of Amangi street in the Oraideas Community of Bo Mulas for the management of runoff waters to prevent flooding to private properties. | Amangi Street Oraideas Community, Bo. Mulas, Start: 198-081-131-44 End: 198-081-131-40 | \$8,000.00 | \$0.00 | N/A | \$8,000.00 | 80 ML | Star: 18.25390205 End: 18.25409087 | Start: -66.11948498 End: -66.11852518 | runoff management | |
| Aguas Buenas | Municipality | 07/03/20 | Construction of ditches on the right side of the Escribanos road to manage runoff waters to avoid destabilizing the land in that area. | Road 777 Km 1.6 Interior, Escribanos Sector, Bo. Caguaitas, 224-000-003-40 | \$5,000.00 | \$0.00 | N/A | \$5,000.00 | 60 ML | 18.23446835 | -66.09479105 | runoff management | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of ditches on the right side of the Escribanos road to manage runoff waters to avoid destabilizing the land in that area. | Road 777 Km 1.6 Interior, Escribanos Sector, Bo. Caguaitas, 224-000-003-40 | \$5,000.00 | \$0.00 | N/A | \$5,000.00 | 60 ML | 18.23446835 | -66.09479105 | runoff management | |
| Aguas Buenas | Municipality | 07/03/20 | Construction of ditches on the right side of the recreational facilities of the Jacana Community for the management of runoff waters which are affecting the ball park. | Road 173 Km 19.5 Interior Jacana Street, Jacana Community, Bo. Sumidero, 223-000-010-33 | \$30,000.00 | \$0.00 | N/A | \$30,000.00 | 346.6 ML | 18.22112456 | -66.13452544 | runoff management | |
| Aguas Buenas | Municipality | 07/17/20 | Construction of ditches on the right side of the recreational facilities of the Jacana Community for the management of runoff waters which are affecting the ball park. | Road 173 Km 19.5 Interior Jacana Street, Jacana Community, Bo. Sumidero, 223-000-010-33 | \$30,000.00 | \$0.00 | N/A | \$30,000.00 | 346.6 ML | 18.22112456 | -66.13452544 | runoff management | |
| Aguas Buenas | Municipality | 07/03/20 | Installation of a sanitary sewer system from the Santa Clara Community, PR-173, to the entrance to the Urban Center. Over 300 families and more than 20 businesses will be benefiting from this work, which does not exist in the area. | From Road 173 Km 18.7 Santa Clara Community to Road 156 Km 50 Bo. Sumidero | \$10,000,000.00 | \$0.00 | N/A | \$10,000,000.00 | 8000 meter | Start: 18.21617767 End: 18.25549558 | Start: -66.1304784 End: -66.10862348 | Contamination of water bodies | |
| Aguas Buenas | Municipality | 07/17/20 | Installation of a sanitary sewer system from the Santa Clara Community, PR-173, to the entrance to the Urban Center. Over 300 families and more than 20 businesses will be benefiting from this work, which does not exist in the area. | From Road 173 Km 18.7 Santa Clara Community to Road 156 Km 50 Bo. Sumidero | \$10,000,000.00 | \$0.00 | N/A | \$10,000,000.00 | 8000 meter | Start: 18.21617767 End: 18.25549558 | Start: -66.1304784 End: -66.10862348 | Contamination of water bodies | |
| Aguas Buenas | Municipality | 07/03/20 | Management of storm sewage in a section of street 1 of the Estancias La Sierra II Urbanization, which is being undermined, causing the street to stabilize, in addition to leaving some 75 families isolated. | Road 172 Km 6.5 Interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 224-003-371-51 | \$20,000.00 | \$0.00 | N/A | \$20,000.00 | 0.07 acres | 18.21531059 | -66.11200697 | Flood | |
| Aguas Buenas | Municipality | 07/17/20 | Management of storm sewage in a section of street 1 of the Estancias La Sierra II Urbanization, which is being undermined, causing the street to stabilize, in addition to leaving some 75 families isolated. | Road 172 Km 6.5 Interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 224-003-371-51 | \$20,000.00 | \$0.00 | N/A | \$20,000.00 | 0.07 acres | 18.21531059 | -66.11200697 | Flood | |
| Aguas Buenas | Municipality | 07/03/20 | Management of storm sewers in which the existing pipeline is being replaced, which has collapsed due to the expiration of its useful life and is destabilizing the road. This pipe crosses the road and enters about 60 feet into the adjacent property in front of the work. About 4 families would be affected, in addition to the road. | Road 156 Km 48.7 Interior, Minillas Sector, Bo Mulas, 223-010-168-21 | \$100,000.00 | \$0.00 | N/A | \$100,000.00 | 0.06 acres | 18.24738116 | -66.12546832 | undercut | |
| Aguas Buenas | Municipality | 07/17/20 | Management of storm sewers in which the existing pipeline is being replaced, which has collapsed due to the expiration of its useful life and is destabilizing the road. This pipe crosses the road and enters about 60 feet into the adjacent property in front of the work. About 4 families would be affected, in addition to the road. | Road 156 Km 48.7 Interior, Minillas Sector, Bo Mulas, 223-010-168-21 | \$100,000.00 | \$0.00 | N/A | \$100,000.00 | 0.06 acres | 18.24738116 | -66.12546832 | undercut | |
| Aguas Buenas | Municipality | 07/03/20 | Management of storm sewers, increasing the capacity of the existing pipe to avoid stagnation of runoff waters in the Spider Sector, avoiding vehicular collision that transits the area in rain events. | Road 156 Km 48.4 Interior, Spider Street, Bo Sumidero, 224-000-002-40 | \$10,000.00 | \$0.00 | N/A | \$10,000.00 | 0.01 acres | 18.2459966 | -66.11027383 | water withdrawal | |
| Aguas Buenas | Municipality | 07/17/20 | Management of storm sewers, increasing the capacity of the existing pipe to avoid stagnation of runoff waters in the Spider Sector, avoiding vehicular collision that transits the area in rain events. | Road 156 Km 48.4 Interior, Spider Street, Bo Sumidero, 224-000-002-40 | \$10,000.00 | \$0.00 | N/A | \$10,000.00 | 0.01 acres | 18.2459966 | -66.11027383 | water withdrawal | |
| Aguas Buenas | Municipality | 07/03/20 | Management of storm sewers, increasing the capacity of the existing pipeline to avoid stagnation of runoff waters in Nieves Sector, Bo. Jagüeyes, avoiding the vehicular collision that transits the area in rain events. | Road 797 Km 4.4 Nieves Sector, Bo Jagüeyes, 171-000-008-38 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 0.06 acres | 18.28057849 | -66.08980464 | water withdrawal | |
| Aguas Buenas | Municipality | 07/17/20 | Management of storm sewers, increasing the capacity of the existing pipeline to avoid stagnation of runoff waters in Nieves Sector, Bo. Jagüeyes, avoiding the vehicular collision that transits the area in rain events. | Road 797 Km 4.4 Nieves Sector, Bo Jagüeyes, 171-000-008-38 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 0.06 acres | 18.28057849 | -66.08980464 | water withdrawal | |
| Aguas Buenas | Municipality | 07/03/20 | Management of storm sewers, increasing the capacity of the existing pipeline to avoid stagnation of runoff waters in the Pafio Sector, Bo. Jagüeyes, avoiding the vehicular collision that transits the area in rain events. | Road 797 Km 2.2 Pafio Sector, Bo Jagüeyes, 171-079-142-07 | \$100,000.00 | \$0.00 | N/A | \$100,000.00 | 0.19 acres | 18.28796846 | -66.07164821 | water withdrawal | |
| Aguas Buenas | Municipality | 07/17/20 | Management of storm sewers, increasing the capacity of the existing pipeline to avoid stagnation of runoff waters in the Pafio Sector, Bo. Jagüeyes, avoiding the vehicular collision that transits the area in rain events. | Road 797 Km 2.2 Pafio Sector, Bo Jagüeyes, 171-079-142-07 | \$100,000.00 | \$0.00 | N/A | \$100,000.00 | 0.19 acres | 18.28796846 | -66.07164821 | water withdrawal | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Agua Buenas | Municipality | 07/17/20 | Pluvias Sewer Management regarding the repair of the entire system within the Palmasola Urbanization. All the pluvial works have collapsed causing the collapse and destabilization of the streets. | Road 174 km 21.8 interior Palmasola Urbanization, Bo Sonadora | \$600,000.00 | \$0.00 | N/A | \$600,000.00 | 2538 ML | 18.25836609 | -66.12018614 | undercut | |
| Agua Buenas | Municipality | 07/03/20 | Pluvias Sewer Management regarding the repair of the entire system within the Palmasola Urbanization. All the pluvial works have collapsed causing the collapse and destabilization of the streets. | Road 174 km 21.8 interior Palmasola Urbanization, Bo Sonadora | \$600,000.00 | \$0.00 | N/A | \$600,000.00 | 2538 ML | 18.25836609 | -66.12018614 | undercut | |
| Agua Buenas | Municipality | 07/03/20 | Restoration of currents of the Rio Bairoa del Bo Bairoa. Accumulation of vegetative debris obstructing the bridge that gives access to the Bairoa sports complex. | Road 156 km 51.4 interior The Park Sector, Bo. Bairoa. 198-055-034-76 | \$10,000.00 | \$0.00 | N/A | \$10,000.00 | 0.45 acres | 18.26049313 | -66.09509443 | Flood | |
| Agua Buenas | Municipality | 07/17/20 | Restoration of currents of the Rio Bairoa del Bo Bairoa. Accumulation of vegetative debris obstructing the bridge that gives access to the Bairoa sports complex. | Road 156 km 51.4 interior The Park Sector, Bo. Bairoa. 198-055-034-76 | \$10,000.00 | \$0.00 | N/A | \$10,000.00 | 0.45 acres | 18.26049313 | -66.09509443 | Flood | |
| Agua Buenas | Municipality | 07/03/20 | Restoration of streams of the Sanjelo Gully which flows into the Cagüitas River in the Tati Diaz Sector, Bo Cagüitas. Accumulation of vegetative debris obstructing the cut and flooding the area. | Road 777 Km 2.2 Sector Tati Diaz Bo. Cagüitas, 224-014-119-01 | \$10,000.00 | \$0.00 | N/A | \$10,000.00 | 0.57 acres | 18.242991 | -66.10068758 | Flood | |
| Agua Buenas | Municipality | 07/17/20 | Restoration of streams of the Sanjelo Gully which flows into the Cagüitas River in the Tati Diaz Sector, Bo Cagüitas. Accumulation of vegetative debris obstructing the cut and flooding the area. | Road 777 Km 2.2 Sector Tati Diaz Bo. Cagüitas, 224-014-119-01 | \$10,000.00 | \$0.00 | N/A | \$10,000.00 | 0.57 acres | 18.242991 | -66.10068758 | Flood | |
| Agua Buenas | Municipality | 07/03/20 | Seismic Strengthening in the old Dr. Gustavo School where it houses the Day Care Center Child Care I. The enrollment of students for this Center in the maternal area is 16 and for the preschool they are 24, in addition to 13 people who work in the facilities. | Padre Quiñonez Street corner Ramon Rosa Street, 198-074-036-46 | \$350,000.00 | \$0.00 | N/A | \$350,000.00 | 782.6152 SM | 18.25733941 | -66.10107509 | Earthquake | |
| Agua Buenas | Municipality | 07/17/20 | Seismic Strengthening in the old Dr. Gustavo School where it houses the Day Care Center Child Care I. The enrollment of students for this Center in the maternal area is 16 and for the preschool they are 24, in addition to 13 people who work in the facilities. | Padre Quiñonez Street corner Ramon Rosa Street, 198-074-036-46 | \$350,000.00 | \$0.00 | N/A | \$350,000.00 | 782.6152 SM | 18.25733941 | -66.10107509 | Earthquake | |
| Agua Buenas | Municipality | 07/17/20 | Slope stabilization in the Municipal Workshop that affects the stability of the building | Road 156 Km 48.4 interior Sector La Araña Bo. Sumidero, 224-002-087-25 | \$250,000.00 | \$0.00 | N/A | \$250,000.00 | 184 Ft (L) x 5 Ft (W) x 12 Ft (H) = 204.44 CY | 18.24761801 | -66.11525044 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Slope stabilization in the Municipal Workshop that affects the stability of the building | Road 156 Km 48.4 interior Sector La Araña Bo. Sumidero, 224-002-087-25 | \$250,000.00 | \$0.00 | N/A | \$250,000.00 | 184 Ft (L) x 5 Ft (W) x 12 Ft (H) = 204.44 CY | 18.24761801 | -66.11525044 | Embankment | |
| Agua Buenas | Municipality | 07/17/20 | Slope stabilization in the Urb. Estancias de la Sierra II in which the stabilization of the street is being affected, affecting and isolating more than 10 families | Road 172 km 6.5 interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 224-093-371-29 | \$352,850.00 | \$0.00 | N/A | \$352,850.00 | 140 Ft(L) x 5 Ft(W) x 40 Ft (H) = 518.52 CY | 18.21700786 | -66.11007722 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Slope stabilization in the Urb. Estancias de la Sierra II in which the stabilization of the street is being affected, affecting and isolating more than 10 families | Road 172 km 6.5 interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 224-093-371-29 | \$352,850.00 | \$0.00 | N/A | \$352,850.00 | 140 Ft(L) x 5 Ft(W) x 40 Ft (H) = 518.52 CY | 18.21700786 | -66.11007722 | Embankment | |
| Agua Buenas | Municipality | 07/17/20 | Slope stabilization in the Urb. Estancias de la Sierra II in which the stabilization of the street is being affected, affecting and isolating more than 50 families | Road 172 km 6.5 interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 250-003-371-32 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 35 Ft (L) x 5 Ft (W) x 20 Ft (H) = 64.8 CY | 18.21623895 | -66.10937846 | Embankment | |
| Agua Buenas | Municipality | 07/17/20 | Slope stabilization in the Urb. Estancias de la Sierra II in which the stabilization of the street is being affected, affecting and isolating more than 50 families | Road 172 km 6.5 interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 224-003-371-53 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 35 Ft (L) x 5 Ft (W) x 20 Ft (H) = 64.8 CY | 18.21646064 | -66.11184218 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Slope stabilization in the Urb. Estancias de la Sierra II in which the stabilization of the street is being affected, affecting and isolating more than 50 families | Road 172 km 6.5 interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 250-003-371-32 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 35 Ft (L) x 5 Ft (W) x 20 Ft (H) = 64.8 CY | 18.21623895 | -66.10937846 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Slope stabilization in the Urb. Estancias de la Sierra II in which the stabilization of the street is being affected, affecting and isolating more than 50 families | Road 172 km 6.5 interior Bo. Sumidero, 1 Street Estancias La Sierra II Urb., 224-003-371-53 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 35 Ft (L) x 5 Ft (W) x 20 Ft (H) = 64.8 CY | 18.21646064 | -66.11184218 | Embankment | |
| Agua Buenas | Municipality | 07/17/20 | Slope stabilization on private property, which is affecting the concrete dish and later the municipal road will be affected, leaving approximately 50 families isolated in the La Rampla sector in Bo Mula | Road 173 Km 21.6 interior Bo. Mula Sector La Rampla, 223-049-130-17 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 60 Ft (L) x 5 Ft (W) x 20 Ft (H) = 111.11 CY | 18.23475348 | -66.13437267 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Slope stabilization on private property, which is affecting the concrete dish and later the municipal road will be affected, leaving approximately 50 families isolated in the La Rampla sector in Bo Mula | Road 173 Km 21.6 interior Bo. Mula Sector La Rampla, 223-049-130-17 | \$200,000.00 | \$0.00 | N/A | \$200,000.00 | 60 Ft (L) x 5 Ft (W) x 20 Ft (H) = 111.11 CY | 18.23475348 | -66.13437267 | Embankment | |
| Agua Buenas | Municipality | 07/17/20 | Slope stabilization on the right side of the ball park, affecting sports facilities and destabilizing the municipal road, which would leave 10 families isolated | Road 790 km 4.2 interior Sector El Parque Bo. Juan Asencio, 197-074-199-10 | \$55,056.00 | \$0.00 | N/A | \$55,056.00 | 500 Ft (L) x 5 Ft (W) x 8 Ft (H) = 370.37 CY | 18.25510679 | -66.16830181 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Slope stabilization on the right side of the ball park, affecting sports facilities and destabilizing the municipal road, which would leave 10 families isolated | Road 790 km 4.2 interior Sector El Parque Bo. Juan Asencio, 197-074-199-10 | \$55,056.00 | \$0.00 | N/A | \$55,056.00 | 500 Ft (L) x 5 Ft (W) x 8 Ft (H) = 370.37 CY | 18.25510679 | -66.16830181 | Embankment | |
| Agua Buenas | Municipality | 07/03/20 | Storm sewer management in which the existing pipeline is being replaced, which has undermined a private property due to its collapse due to the expiration of its useful life. This pipe collects all the runoff water from the Canario street of the Santa Clara Community, which in turn runs along the side of the private property. | Canario Street Santa Clara Community, Bo. Sumidero, 249-010-180-26 | \$30,000.00 | \$0.00 | N/A | \$30,000.00 | 0.05 acres | 18.21583975 | -66.12925002 | undercut | |
| Agua Buenas | Municipality | 07/17/20 | Storm sewer management in which the existing pipeline is being replaced, which has undermined a private property due to its collapse due to the expiration of its useful life. This pipe collects all the runoff water from the Canario street of the Santa Clara Community, which in turn runs along the side of the private property. | Canario Street Santa Clara Community, Bo. Sumidero, 249-010-180-26 | \$30,000.00 | \$0.00 | N/A | \$30,000.00 | 0.05 acres | 18.21583975 | -66.12925002 | undercut | |
| Agua Buenas | Municipality | 07/03/20 | Storm sewer management in which the existing pipeline is being replaced, which has undermined a private property due to its collapse due to the expiration of its useful life. This pipeline collects all the runoff water from Highway 156 Perales Sector, Bo Cagüitas, which in turn runs along the side of private property. | Road 156 Km 52.3 interior Perales Sector, Bo Cagüitas, 198-086-353-03 | \$30,000.00 | \$0.00 | N/A | \$30,000.00 | 0.06 acres | 18.25465595 | -66.09285674 | undercut | |
| Agua Buenas | Municipality | 07/17/20 | Storm sewer management in which the existing pipeline is being replaced, which has undermined a private property due to its collapse due to the expiration of its useful life. This pipeline collects all the runoff water from Highway 156 Perales Sector, Bo Cagüitas, which in turn runs along the side of private property. | Road 156 Km 52.3 interior Perales Sector, Bo Cagüitas, 198-086-353-03 | \$30,000.00 | \$0.00 | N/A | \$30,000.00 | 0.06 acres | 18.25465595 | -66.09285674 | undercut | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|--|
| Albonito | Municipality | 07/09/20 | AIBONITO ESCAPE ROUTES. Construcción Conector Coquí en el barrio Pueblo (Conexión entre Calle Rius Rivera con la PR-162) In the Coquí Sector of Albonito it's located, the Rafael Pont Flores Specialized Language School, serving aprox. 800 students enrolled in grades from kindergarten through twelfth grade. This School adjoins the Urb. Villas del Coquí where 50 families reside. Despite being located in the Pueblo neighborhood, currently the only access to the area is through Rius Rivera Street. The Municipality proposes the construction of a TRAN connector called "Conector Coquí" from PR-162 to Rius Rivera Street that will serve as a new access or eviction route. This connector is already incorporated in the Plan Vial of the Municipality of Albonito since 2012 and it also part of the current Mitigation Plan. This connector will end just in front of the Dr. José N. Gándara School, the main Albonito Shelter, the facilities of the National Guard and the Nu Delta Delta Chi Fraternity that it has functioned as a Collection Center. It is important to provide alternate access to populated areas to ensure safe access to avoid loss of life and property. | Construcción Conector Coquí en el barrio Pueblo (Conexión entre Calle Rius Rivera con la PR-162) | \$2,500,000.00 | | | \$2,500,000.00 | 300 metros | 18.13332 | -66.266054 | Multi-Hazard Mitigation | Para mas información buscar el LOI# 5391 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | AIBONITO ESCAPE ROUTES. Construcción Conector Vial Asomante (Conexión entre PR-162 con la PR-723) The Asomante ward of Albonito is one of the neighborhoods with high population density. The Los Cuadritos, Subida Asomante, El Cerro, El Nueve, Urb. Estancias de Asomante, Urb. Lomas de Albonito, Urb. Alturas de Asomante, Esparra, Sabana, Urb. Praderas de Asomante, Parcelas Emanuelli and Los Mangos have a population approximately of 3,000 people. In this sector there are Elderly, Schools and critical population. All these sectors currently only have a section of PR-14 as an only access to the Pueblo Ward. During the past emergencies, all this population has difficulty accessing emergency services, police, hospital, supermarkets, banks and shelters. It is necessary to build a new TRAN connector that provides an alternative route to the sectors. If for some reason the section of PR-14 is blocked, all of these sectors remain isolated without access to emergency services by Albonito, which puts life and property at risk. The Municipality proposes the construction of a TRAN connector from PR-162 to PR-723 that will serve as a new access or eviction route. This connector is already incorporated in the Plan Vial of the Municipality of Albonito since 2012 and it also part of the current Mitigation Plan. | Construcción Conector Vial Asomante (Conexión entre PR-162 con la PR-723) | \$2,500,000.00 | | | \$2,500,000.00 | 1,200 metros | 18.127188 | -66.295954 | Multi-Hazard Mitigation | Para mas información buscar el LOI# 5391 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | BRIDGES CODE COMPLIANCE. Provide barriers that protect bridge column and vulnerable areas from debris impact. The build up of debris can compromise bridge foundations and undermine the structure. This mitigation measure will ensure that the during major storms events the bridges remain operational and protected. The benefits to the community will be long term. Bridges will remain structurally sound and won't need to be shut down during/ after events. Traffic won't need to be re-routed du to the debris impact. These barriers are low cost and long lasting, and the benefits will outweigh the cost. | Bridges | \$14,500,000.00 | | | \$14,500,000.00 | | 18.139409 | -66.265812 | 100-year flooding | Para mas información buscar el LOI# 0865 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | MICROGRID. Creación de una red de energía para las instalaciones críticas, que opere de manera autónoma para garantizar la energía luego de un evento. Se propone una red microgrid que conecte las siguientes instalaciones: Obras Públicas Municipal, Estadio Hermanos Marrero, Cuartel de la Policía, Alcaldía, Hospital, Refugios, Comandancia, Manejo de Emergencias... | Se propone una red microgrid que conecte las siguientes instalaciones: Obras Públicas Municipal (18.132708, -66.278548) , Estadio Hermanos Marrero (18.139476, -66.270895) , Cuartel (18.139411, -66.269206) , Alcaldía (18.139409, -66.265812) , Hospital (18.143799, -66.262085) , Refugios (18.139499, -66.264203) , Comandancia (18.139028, -66.264891) , Emergencias Médicas (18.140987, -66.262474) | \$3,000,000.00 | | | \$3,000,000.00 | 10,000 metros | 18.139409 | -66.265812 | Lightning | Para mas información buscar el LOI# 0692 sometido para FEMA Mitigación 404. Se incluyeron las coordenadas de cada facilidad crítica en la columna de localización. |
| Albonito | Municipality | 07/09/20 | MITIGATION OF STREAMS. This project involves the mitigation of several water bodies that cause extensive flooding in the urban communities. This projects will be phased in order to determine the best method of mitigation. Phase 1 will include H&H studies on the proposed bodies of water to include a feasibility study of proposed mitigations methods. Phase 1 will also include the design, engineering, project management, permitting, and other non construction activities as needed. Phase 2 will provide for the actual construction of the project according to the design plans. Flooding in urban areas are costly and regularly puts life and property at risk. This project will eliminate flooding for most storm events and ensure roads remain open the flood risk to communities is significantly reduced, and erosion is significantly reduced along the banks. | Multiple areas | \$9,000,000.00 | | | \$9,000,000.00 | | 18.139409 | -66.265812 | 100-year flooding | Para mas información buscar el LOI# 843 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | MULTIPLE BUILDINGS RETROFIT/SHELTERS IN ISOLATED AREAS. Every year, tornadoes, hurricanes, and other extreme windstorms cause numerous fatalities and injuries, and cost millions of dollars' worth of property damage. Most businesses and public buildings, even new ones constructed according to current building codes, do not provide adequate protection for occupants seeking refuge from these events. A community safe room can provide near-absolute protection for many community members, when it is constructed in accordance with FEMA criteria. A growing number of these safe rooms have saved lives in actual events. The Municipality had identified nine (9) existing Communal Centers on isolated communities for prepare them as a retrofit/shelters after the event for the benefit of more than 11,500 citizens. The Communal Centers are La Plaza, Amoldadero, Algarrobo, PR-716 Cuyón, La Sierra, Parcelas Viejas, Bo. Pasto o PR-718, Sector Robles Base, Los Cuadritos and Caonillas. | The Municipal Communal Centers are La Plaza (18.152418, -66.232627) , Amoldadero (18.165795, -66.240761) , Algarrobo (18.103787, -66.278123) , PR-716 Cuyón (18.098390, -66.248865) , La Sierra (18.119516, -66.245471) , Parcelas Viejas, Bo. Pasto o PR-718 (18.117165, -66.257333) , Sector Robles Base (18.147244, -66.246276) , Los Cuadritos (18.121945, -66.292371) and Caonillas (18.15456, -66.256093). | \$1,000,000.00 | | | \$2,000,000.00 | 3,300 m2 | 18.139409 | -66.265812 | Multi-Hazard Mitigation | Para mas información buscar el LOI# 0556 sometido para FEMA Mitigación 404. Se incluyeron las coordenadas de cada centro comunal en la columna de localización. |



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| Albonito | Municipality | 07/09/20 | PREPARACIÓN DE FACILIDADES CRÍTICAS. El Municipio identificó las facilidades críticas que debe ser preparadas para eventos futuros mediante la instalación de Tormenteros, Generadores de Energía, Sistemas de Agua y Sistemas de Comunicación. Las facilidades son: Estadio Hermanos Marrero, Obras Públicas Municipal, Casa Alcaldía, Centro de Envejecientes de la Plata, Centro de Envejecientes del Campito y el Colegio Marón Aponte. En estas facilidades son los centro de mando, lugares de almacenamiento de provisiones, ubicación de flota vehicular, etc. | Las facilidades son: Estadio Hermanos Marrero(18.139476, -66.270895) , Obras Públicas Municipal (18.132708, -66.278548) , Casa Alcaldía (18.139409, -66.265812), Centro de Envejecientes de la Plata (18.150696, -66.231442), Centro de Envejecientes del Campito 918.137679, -66.270398) y el Colegio Marón Aponte (18.135964, -66.251467). | \$1,000,000.00 | | | \$1,400,000.00 | 21,800m2 | 18.139409 | -66.265812 | Multi-Hazard Mitigation | Para mas información buscar el LOI# 0638 sometido para FEMA Mitigación 404. Se incluyeron las coordenadas de cada facilidad crítica en la columna de localización. |
| Albonito | Municipality | 07/09/20 | SAFE ROOM/EOC - LOCATION TBD. This project is for dual-use safe room/EOC where the location is TBD. The Municipality will determine that a new construction is needed. This project will provide 24/7 protection against 200+mph winds for municipal staff, first responders, and for the general public within a determined radius. The Mitigation measure will ensure that the Municipality of Albonito will have a safe place for emergency management personnel and first responders to operate from during and after a major disaster event. This place will ensure the community is prepared to quickly respond and recover from any natural disaster. This is a high priority project for the municipality. | SE planifica adquirir la propiedad que colinda actualmente con las facilidades de Obras Públicas Municipal por propósitos de logística. PR-14 KM 48.6. | \$2,000,000.00 | | | \$2,000,000.00 | 21,000mc | 18.132892 | -66.279137 | Multi-Hazard Mitigation | Para mas información buscar el LOI# 0811 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | SEWER LINES MITIGATION UPGRADES. El proyecto pretende establecer un sistema de alcantarillado sanitario en el barrio Asomante del Municipio de Albonito e incluye una parte del barrio Pasto del mismo municipio. El barrio Asomante en el año 2010, tenía 1,101 unidades de vivienda con una población de 2,946 habitantes. La porción del barrio Pasto a ser servida por este proyecto adyacente a la colindancia con la carretera estatal PR-14 tiene un total aproximado de 300 familias. La porción del barrio Asomante a ser servida por este proyecto es de un total aproximado de 700 familias. En total se presume un total de 1,000 unidades de familia a ser servidas en el proyecto con un total de 100 unidades adicionales en el futuro inmediato. Estas comunidades no cuentan con alcantarillado sanitario. Las residencias utilizan pozos sépticos de manera individual y estos requieren la utilización de camiones para su vaciado, que en la mayoría de los casos es el municipio de Albonito el que tiene que proveer dicho servicio. Es un hecho a la vista de todos que las aguas usadas discurren por los encintados en comunidades del barrio Asomante y terminan en una de las quebradas que es afluente del Río Usabón. Esta situación se puede considerar una emergencia ambiental. Este proyecto provee la instalación de un sistema sanitario que elimina los pozos sépticos y termina esta delicada situación ambiental y/o de salud. Sector a ser servido en el Proyecto: (1) Área aproximada de 738 cuerdas; (2) Población | Sector el Nueve y Urb. Estancias de Asomante ambas ubicadas en la PR-723 KM 0.9 Interior; Urb. Alturas de Asomante y Urb. Lomas del Viento ambas ubicadas la PR-723 KM 1.4 Interior, del barrio Asomante de Albonito | \$1,000,000.00 | | | \$9,480,552.00 | Sector a ser servido en el Proyecto : (1) Área aproximada de 738 cuerdas; (2) Población estimada de 700 familias (Bo. Asomante) y 300 familias del Barrio Pasto, para un total de 1,000 familias en la actualidad y 1,100 unidades de familia en un futuro cercano. (3) Las estaciones de bombas a diseñarse tendrán capacidad de 650 GPM y 395 GPM. (4) El largo total de tubería en este sector será de 20.46 en gravedad que incluye, 8" – 12.2 Kms., 10" – 2.55 Kms.; Troncal: 12" – 3.0 Kms.; Bombeo: 8" – 1.89 Kms., 6" – 0.82 Kms. | 18.12118 | -66.300668 | Multi-Hazard Mitigation | Para mas información buscar el LOI#0550 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | STORMWATER IMPROVEMENTS IN URBANIZATIONS. The flooding problem of Urbanizations San Jose, Paseo Monte Carlos and Reparto Bella Vista are long known in Albonito. The flooding is worst in the intersection of Calle San Jose with Calle E; where a storm water inlet and a cross grate gather the runoff from the storm sewer system and the overflows flowing on the San Jose St. roadway. At this point, a 42" diameter pipe transfers the whole discharge to the stormwater channel (Tributary No. 1). But as this pipe has a limited conveyance capacity (80 cfs at most) flooding is the result. Other places of flooding include the west of Urbanization Reparto Bella Vista, the southern portion of Calle Dolia of Urbanization Reparto Bella Vista, the Community Park, the northern portion of Urbanization San Jose, the park where the covered basket ball court is located, and Calle San Jose. In relation to the Tributary No. 1, the receiving channel, the FEMA's flood map indicates that this channel is floodable for a 100-year discharge; so, Calle San Jose from Urbanization San Jose will be flooded in a 100-year event. This problem affects more than 100 residences. | Las Urbanizaciones San José, Paseo Monte Carlo y Bella Vista ubican en la zona urbana de Albonito en el barrio Robles de Albonito. Se accede a las mismas por las carreteras PR-14 o PR-722. | \$2,000,000.00 | | FEMA | \$2,000,000.00 | In summary this project need an improvements of more than 800 meters of the stormwater system. Since the flooding problem of Urbanization San Jose, Reparto Bella Vista and Paseo Monte Carlos is due to the undersized storm drainage system, the solution of the problem may include reducing the peak discharge and/or providing the means to enhance the hydraulic conveyance by additional storm sewer or replacement of undersized sewers. This project will need the separation of the existing sewer system in three independent, systems is common for both alternatives. The largest system which will contain the most significant improvements will deal with drainage areas E1, E2, E3, E4 and E5. The other two systems are small and will take care of Areas E6a and E6b. The additional 72" diameter pipe is routed to Cross Section 2, the 60" pipe is routed to Cross Section 3. In addition, a supplemental 48" diameter pipe is added in Calle Dolia. Finally the discharge line consists of a new 129-meter long 8'x6' box culvert. | 18.14018 | -66.258509 | 100-year flooding | Para mas información buscar el LOI# 0491 sometido para FEMA Mitigación 404. |
| Albonito | Municipality | 07/09/20 | This projects involves the acquisition and /or mitigation of flood-prone or landslide risk housing. The proposed mitigation method is the only method that provides a complete permanent mitigation solution, namely the acquisition of property. | Múltiples vulnerables properties | \$3,000,000.00 | | | \$3,000,000.00 | | 18.139409 | -66.2658 | 100-year flooding | Para mas información buscar el LOI# 0792 sometido para FEMA Mitigación 404. |
| Anasco | Municipality | 08/03/20 | Clearance and Relocation of the Pagán Community. This is a site on a high food risk area that was invaded by families. In total there are 29 substandard housing units that must be demolished and families relocated. Cost of project includes site clearance and acquisition of new housing units. | Carr. 109 km 3.8 int. Carreras Ward Anasco, PR | \$3,500,000.00 | None identified. | No other assistance has been identified. | \$3,500,000.00 | 16.75 acres | 18.278967 | -67.135756 | 100-year flooding | Flooded Community where community all the 29 units are flooded constantly. Project considers relocate the residents and demolish the existing properties. |
| Anasco | Municipality | 08/03/20 | Construct a new one mile evacuation road for seismic and hurricane events as there is only one road actually available to evacuate citizens. This is a Tsumami area with 1,848 residents (est.2017). | Playa Ward, Anasco | \$3,000,000.00 | None identified. | No other assistance has been identified. | \$3,000,000.00 | 900 LnM | 18.289765 | -67.186219 | Tsunami | Construct a new one mile evacuation road for seismic and hurricane events as there is only one road actually available to evacuate citizens and is subject to flooding. |
| Anasco | Municipality | 08/03/20 | Construct Flood prevention gravity wall along Las Palmas Avenue and Doguey River and Las Palmas Avenue, Anasco Arriba and Carreras wards to prevent future flooding events from Doguey and Rio Hondo rivers. During extreme storm events the normal discharge rate to the Anasco river will be reduced with this mitigation project. | Las Palmas Avenue, Anasco Arriba and Carreras ward, Anasco | \$4,250,000.00 | None identified. | No other assistance has been identified. | \$4,250,000.00 | 1,440 LnM | 18.275977 | -67.145501 | 100-year flooding | |
| Anasco | Municipality | 08/03/20 | Flood Control at Caracol Ward, Road 402 km 4.3. A highly residential and commercial area and the main access to hundreds of families from Anasco and Rincón that floods constantly from runoffs from various residential roads that interconnects. This floods interrupts the traffic causing damages to the vehicles and limiting the access for families. Runoffs from the area should be collected before entering road 402 and channelized up to the discharge point. | Caracol Ward, Road 402, from km 4.1 to Km 4.3, Anasco | \$950,000.00 | None identified. | No other assistance has been identified. | \$950,000.00 | 250 LnM | 18.299663 | -67.159971 | 100-year flooding | |
| Anasco | Municipality | 08/03/20 | Relocate 13 Families at Marias Ward to non-flood hazard area. Includes demolition, clearance, disposition. | Bo. Marias Sector El Salto, Anasco | \$2,000,000.00 | None identified. | No other assistance has been identified. | \$2,000,000.00 | 0.3906 | 18.306826 | -67.144249 | 100-year flooding | |
| Anasco | Municipality | 08/03/20 | Relocation of Municipal Police Station: Acquisition of site, new construction with generator. This critical facility is actually located at an unfit space with structural problems within the city hall. The purpose is to move the facility from the existent inadequate location within the city hall to an adjacent property to be acquired. This move will also liberate the space for the city hall generator. | 65 Infantería St. #62 Anasco | \$1,400,000.00 | None identified. | No other assistance has been identified. | \$1,400,000.00 | 0.1468 | 18.28177498 | -67.14086227 | Multi-Hazard Mitigation | The current location for this facility is unfit to provide the security and emergency services required by the community, specially during disasters. This facility had to be moved from a floor area during Hurricane Maria to this temporary site. The structure is in wood, deteriorated and uncompliant with ADA and other syimic and structural codes. |
| Anasco | Municipality | 08/03/20 | Structural & Wind Retrofit for Anasco City Hall Building | Calle 65 Infantería # 61, Anasco | \$1,500,000.00 | None identified. | No other assistance has been identified. | \$1,500,000.00 | 0.30 acre | 18.281793 | -67.141062 | Multi-Hazard Mitigation | Seismic Structural Improvements to current codes, create wind resistance by replacing windows and glass doors and panels. |



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| Arecibo | Municipality | 07/01/20 | Flood control | Urb. Radioville | \$36,300,000.00 | To be determined | Grant | \$36,300,000.00 | | 18.4777889 | -66.752645 | Multi-Hazard Mitigation | The project ensures protection to crucial services and minimizes damages. |
| Arecibo | Municipality | 07/01/20 | Flood control | Urb. Costas del Atlántico | \$30,000.00 | To be determined | Grant | \$30,000.00 | | 18.483967 | -66.672278 | Multi-Hazard Mitigation | The project ensures protection to crucial services and minimizes damages. |
| Arecibo | Municipality | 07/01/20 | Flood control. | Municipality of Arecibo urban area. | \$10,000,000.00 | To be determined | Grant | \$10,000,000.00 | | 18.4726596 | -66.7155541 | 100-year flooding | The project ensures protection to crucial services and minimizes interior damages, preserving important government equipment and documentation. |
| Arecibo | Municipality | 07/01/20 | Generator | Bo. Isote Sector Jareaitos | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.479482 | -66.692768 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The building provides recreational services to the community, but during a disaster it can provide basic needs to the community and government agencies. |
| Arecibo | Municipality | 07/01/20 | Generator | Casa Alcaldía | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.47288538 | -66.7155112 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The measure will prevent interruption of services provided to citizens. |
| Arecibo | Municipality | 07/01/20 | Generator | Dispensario Sabana Hoyos | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.38987263 | -66.6024341 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The measure will prevent interruption of services provided to citizens. |
| Arecibo | Municipality | 07/01/20 | Generator | Oficina Manejo de Emergencias | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.45714627 | -66.73392852 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The measure will prevent interruption of services provided to citizens. |
| Arecibo | Municipality | 07/01/20 | Generator | Comandancia Policía Municipal | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.456931 | -66.733803 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The measure will prevent interruption of services provided to citizens. |
| Arecibo | Municipality | 07/01/20 | Generator | Dispensario Cuartel Municipal | \$60,000.00 | to be determined | Grant | \$60,000.00 | | 18.34710875 | -66.67381056 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The measure will prevent interruption of services provided to citizens. |
| Arecibo | Municipality | 07/01/20 | Generator | Coliseo Manuel "Petaca" Iguina - Zona Industrial Víctor Reyes Carr. 129 | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.455048 | -66.748736 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to this facility, providing uninterrupted critical functions for up to 24 hours daily during and after the event (power outage). The measure will prevent interruption of services provided to citizens. |
| Arecibo | Municipality | 07/01/20 | Isote Road | Connector between Isote and Domingo Ruiz | \$7,114,500.00 | To be determined | Grant | \$7,114,500.00 | | 18.4777889 | -66.752645 | Tsunami | The Isote community is an area prone to be affected by a tsunami, due to the settlement proximity to such dangers a rapid and safe evacuation road is a priority. The proposal is to protect road 681 between Arecibo and Barceloneta. The proposed mitigation will be beneficial in many ways such as: homes and property safety, guaranteeing the access to first responders and assuring the health of the community. |
| Arecibo | Municipality | 07/01/20 | Residential property acquisition | Bo. Barranca | \$800,000.00 | To be determined | Grant | \$800,000.00 | | 18.464602 | -66.752331 | 100-year flooding | The proposed project consists in the acquisition of various residential properties for the purpose of mitigating damages caused by flooding. |
| Arecibo | Municipality | 07/01/20 | Safe Room | Bo. Isote | \$1,200,000.00 | To be determined | Grant | \$1,200,000.00 | | 18.4793246 | -66.56927773 | Multi-Hazard Mitigation | Project contemplates construction of a safe room facility. |
| Arecibo | Municipality | 07/01/20 | Safe Room | Coliseo Manuel "Petaca" Iguina - Zona Industrial Víctor Reyes Carr. 129 | Unknown | To be determined | Grant | To be determined. | | 18.4793246 | -66.56927773 | Multi-Hazard Mitigation | Project contemplates creation of a safe room. The measure will guarantee citizens safety during catastrophic events. |
| Arecibo | Municipality | 07/01/20 | Shutters | Bo. Isote Sector Jareaitos | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.479482 | -66.692768 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building of the Centro Comunal Sector Jareaitos - Isote. This facility is being considered for a safe room, thus the project ensures a safety during the disaster. |
| Arecibo | Municipality | 07/01/20 | Shutters | Coliseo Manuel "Petaca" Iguina - Zona Industrial Víctor Reyes Carr. 129 | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.455048 | -66.748736 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building of the Coliseo Manuel "Petaca" Iguina. This facility is being considered for a safe room, thus the project ensures safety during the disaster. |
| Arecibo | Municipality | 07/01/20 | Shutters | Casa Alcaldía | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.47288538 | -66.7155112 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building. |
| Arecibo | Municipality | 07/01/20 | Shutters | Dispensario Sabana Hoyos | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.38987263 | -66.6024341 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building. |
| Arecibo | Municipality | 07/01/20 | Shutters | Oficina Manejo de Emergencias | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.45714627 | -66.73392852 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building. |
| Arecibo | Municipality | 07/01/20 | Shutters | Comandancia Policía Municipal | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.456931 | -66.733803 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building. |
| Arecibo | Municipality | 07/01/20 | Shutters | Dispensario Cuartel Municipal | \$50,000.00 | To be determined | Grant | \$50,000.00 | | 18.34710875 | -66.67381056 | Hurricane Force Winds | In order to protect facilities of the municipality during a catastrophic event, the project proposes the installation of steel storm shutters system for the entire building. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Bo. Isote Sector Jareaitos | \$120,000.00 | To be determined | Grant | \$120,000.00 | | 18.479482 | -66.692768 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to the Centro Comunal Jareaito - Isote, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Zona Industrial Víctor Reyes Carr. 129 | \$120,000.00 | To be determined | Grant | \$120,000.00 | | 18.455048 | -66.748736 | Multi-Hazard Mitigation | The proposed project will ensure temporary power to the Coliseo Manuel "Petaca" Iguina, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Dispensario Sabana Hoyos | \$120,000.00 | To be determined | Grant | \$120,000.00 | | 18.38987263 | -66.6024341 | Multi-Hazard Mitigation | The proposed project will ensure temporary power, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Oficina Manejo de Emergencias | \$150,000.00 | To be determined | Grant | \$150,000.00 | | 18.45714627 | -66.73392852 | Multi-Hazard Mitigation | The proposed project will ensure temporary power, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Comandancia Policía Municipal | \$120,000.00 | To be determined | Grant | \$120,000.00 | | 18.456931 | -66.733803 | Multi-Hazard Mitigation | The proposed project will ensure temporary power, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Dispensario Cuartel Municipal | \$60,000.00 | To be determined | Grant | \$60,000.00 | | 18.34710875 | -66.67381056 | Multi-Hazard Mitigation | The proposed project will ensure temporary power, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |
| Arecibo | Municipality | 07/01/20 | Solar Panels | Casa Alcaldía | \$250,000.00 | To be determined | Grant | \$250,000.00 | | 18.47288538 | -66.7155112 | Multi-Hazard Mitigation | The proposed project will ensure temporary power, providing uninterrupted critical and essential functions for up to 24 hours daily after the event (power outage), while also expanding the life span of the generators. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|---|---|--|--|--|--|--|
| Arecibo | Municipality | 07/01/20 | Urban Storm Sewer | Municipality of Arecibo urban area. | \$10,000,000.00 | To be determined | Grant | \$10,000,000.00 | | 18.4726596 | -66.7155541 | Multi-Hazard Mitigation | In order to protect the urban area, there is a need to amplify the water drainage capacity. This mitigation should repair and improve zones that were flooded by the disaster and take in consideration the replacement of the water ducts. This will benefit communities, historical buildings, municipal agencies and educational centers among others. |
| Arecibo | Municipality | 07/01/20 | Water Tank | Bo. Bajadero | \$150,000.00 | To be determined | Grant | \$150,000.00 | | Unavailable | Unavailable | Multi-Hazard Mitigation | The proposed project of developing a water supply system on the community will ensure the life-safety of thousands of residents providing accessibility of potable water before, during and after a disaster. |
| Arecibo | Municipality | 07/01/20 | Water Tank | Bo. Dominguito | \$150,000.00 | To be determined | Grant | \$150,000.00 | | Unavailable | Unavailable | Multi-Hazard Mitigation | The proposed project of developing a water supply system on the community will ensure the life-safety of thousands of residents providing accessibility of potable water before, during and after a disaster. |
| Arecibo | Municipality | 07/01/20 | Water Tank | Bo. Factor | \$150,000.00 | To be determined | Grant | \$150,000.00 | | Unavailable | Unavailable | Multi-Hazard Mitigation | The proposed project of developing a water supply system on the community will ensure the life-safety of thousands of residents providing accessibility of potable water before, during and after a disaster. |
| Arecibo | Municipality | 07/01/20 | Water Tank | Bo. Istote | \$150,000.00 | To be determined | Grant | \$150,000.00 | | Unavailable | Unavailable | Multi-Hazard Mitigation | The proposed project of developing a water supply system on the community will ensure the life-safety of thousands of residents providing accessibility of potable water before, during and after a disaster. |
| Arecibo | Municipality | 07/01/20 | Water Tank | Bo. Río Arriba | \$150,000.00 | To be determined | Grant | \$150,000.00 | | Unavailable | Unavailable | Multi-Hazard Mitigation | The proposed project of developing a water supply system on the community will ensure the life-safety of thousands of residents providing accessibility of potable water before, during and after a disaster. |
| Arecibo | Municipality | 07/01/20 | Water Tank | Bo. Sabana Hoyos | \$150,000.00 | To be determined | Grant | \$150,000.00 | | Unavailable | Unavailable | Multi-Hazard Mitigation | The proposed project of developing a water supply system on the community will ensure the life-safety of thousands of residents providing accessibility of potable water before, during and after a disaster. |
| Arroyo | Municipality | 07/10/20 | Cabanas de Punta Guilarte beach resort | This facility is located in the Bañerío punta Guilarte it consist in four buildings divided in rustic cabanas for weekend lease it has a pool and lounge area plus a kiosk. | \$10,000,000.00 | Not available at this time project still in development | state and federal funding has been proposed through FEMA and studies of erosion from federal grants to UPR/PR | 10 million has been requested from CDBG-DR at this moment | 492.66 meters | 17.960181 | -66.042239 | Multi-Hazard Mitigation | For more than 30 years this place has been the famly's weekend getaway and a very popular stay in with nature area plus great beach |
| Arroyo | Municipality | 07/10/20 | Faro Punta Figuras lighthouse | This historic facility is located at the left side of Villas of Punta Guilarte it consist of a building and lighthouse | \$2,500,000.00 | Not available at this time project still in development | state and federal funding has been proposed through FEMA and studies of erosion from federal grants to UPR/PR | 1.5 million have been requested by CDBG_DR at this moment | 220.11 meters | 17.955717 | -66.053267 | Multi-Hazard Mitigation | This historical facility has survived countless storms and natural threats but the threat of erosion is very real, steps to control and protect this facility should be of utmost importance to its preservation. |
| Arroyo | Municipality | 07/10/20 | malecon de Arroyo, recreational and fishing man made harbor facility | The malecon of Arroyo is suffering from heavy sedimentation, there is a proposed dredging and relocation of the water breaker. | \$30,000,000.00 | n/a | other fundings were not available at the time | The total amount suggested for this project is requested at this moment | 314.08 meters | 17.961317 | -66.046286 | Multi-Hazard Mitigation | This area is of top priority for the municipality and center of economic development and cultural center of the municipality |
| Arroyo | Municipality | 07/10/20 | San Felipe emergency exit Bridge/Rio Nigua | Proposed emergency bridge over the river for San Felipe community to enable an exit in case of emergency | \$1,800,000.00 | N/A | NO funding has been proposed to this date federal or state /private | 1.8 million have been requested by CDBG-DR at this moment | 351.7 meters | 17.960964 | -66.057976 | Multi-Hazard Mitigation | This community is constantly threatened by flooding and coastal surge but yet there is only one way out in case of a natural threat. This proposed alternate route will help evacuate the residents safer. This is top priority for the municipality of Arroyo. |
| Arroyo | Municipality | 07/10/20 | Villas de Punta Guilarte beach resort and pool center | This facility is located at Bañerío Punta Guilarte and is constituted of 32 rooms villa type facility pool and bar restaurant and an administrative building too | \$15,000,000.00 | Not available at this time project still in development | state and federal funding has been proposed through FEMA and studies of erosion from federal grants to UPR/PR | 15 million are requested from CDBG-DR at this moment | 400.85 meters | 17.955264 | -66.046721 | Multi-Hazard Mitigation | This is a highly sought after tourist area and of good remuneration for the municipality also a cultural place and recreational |
| Barceloneta | Municipality | 07/10/20 | Bocas and Puertos Community Erosion Control- This project will mitigate severe coastal erosion and repetitive flooding by storm surge along P.R Road. 684 through stabilization of sand dunes and installing vegetative buffer strips strip (coastal forest that serves as barrier before storm surge). Assessment) this project served to protect the State P.R 681 | Sand Bars on the coastal area direction Road 684 230 - Int Road 681. North Portion on The Municipality. | \$4,900,000.00 | | | \$4,900,000.00 | 25 Acres | 18.485395 | -66.569373 | Multi-Hazard Mitigation | This project will mitigate severe coastal erosion and repetitive flooding by storm surge along Rd. 681 and 684 through stabilization of sand dunes and installing vegetative buffer strips strip (coastal forest that serves as barrier before storm surge). Assessment and proposal already available by UPR Aguadilla expert. Irma, María and Riley severely affected only evacuation route for communities Verdum, Punta Palmas Palmas Altas threatening life and property. |
| Barceloneta | Municipality | 07/10/20 | Collectin of Storm Water on Palenques Community- The proposed potential project consists in the the construction of a retention pond for the collection of the Storm Waters for then redirect the waters to the Rio Grande de Manatí and explore the alternative of inject water through identified wells to the north aquifer, located at the karst zone of the island. We want to evaluate alternatives to manage storm waters include: HH studies, Retention ponds, Stormwater storage. This project will affect more than 2,000. families , 150 commerce, one Child Care Center , four public facilities and interfere with the regular transit of more than 10,000 Industrial Pharcy Workers. | Florida Afuera - State Road #2 Km 56-58 East Portion of the Municipality Front Side of Barceloneta Preimum Outlets | \$10,000,000.00 | | | \$10,000,000.00 | Aproximados unos 57,000 m2 14 acres | 18.4348 | -66.540845 | 100-year flooding | This project affect directly more than 2,000 families in Palenques Community, and cause , 150 commerce, one critical Facility and interrupt the transit during the reining season. This issues caused several accidents in the area and caused economic losses to the municipality. |
| Barceloneta | Municipality | 07/10/20 | Community Response Centers- The project will result in bennefits to more than 18,000 habitants among all rural communities in Barceloneta. | Florida Afuera-state road 140 intersection 664 . This Project will be located at community centers located on : Florida Afuera South Portion of the Municipality Imbery: Tiburón: Magueyes: Palenque: Garrochales (Center Portion of the Municipality) La Cile: Punta Palmas (North Portion of the Mincipality) Punta Palmas | \$800,000.00 | | \$600,000.00 -404 Funds | \$200,000.00 | Catañito 2.61 / Punta Palmas= 5.3 / Palmas Altas -.32/ Imbery 5.8/ Magueyes/1.1/ Tiburón1.52/ Palenque .46 | 18.454778 | -66.538751 | Multi-Hazard Mitigation | This project is vitally important since several of these communities are vulnerable during of atmospheric events and need to have apropiate tools to attend the emergency in case of extraordinary events. (Example: Tsunamis, hurricane ect) |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|---|
| Barceloneta | Municipality | 07/10/20 | Improvement 681 P.R State- With this project will benefit the amount of 20,000 residents. Analyze transportation infrastructure vulnerability to natural hazards and undertake cost effective engineering projects to mitigate risk, including TRAN relocation, bridge pavement, and culvert reconstruction. Advance assistance to determine improvements on the # 681 TRAN, to avoid repetitive floods. The project consists of the construction of an elevated or bridge. It would give access to communities in emergency. This TRAN serves to reach the urban area and be able to make purchases of goods and services, receive medical attention and; also for fishermen, to sell products. | TRAN P.R 681 Km 18-19/ Punta Palmas Community . | \$5,000,000.00 | | | \$5,000,000.00 | 4 Acres | 18.480537 | -66.555126 | Multi-Hazard Mitigation | Rd. 681 is only evacuation route for the community and the mitigation measure will ensure safety, emergency services and quality of life. Sand Dune restoration project will protect and improve safety of archaeological site already endangered by erosion as well as improving nesting site for endangered sea turtles. Quality of life, risk reduction and economic development will be direct results of this resilient measure that will reduce maintenance cost and protect federal funds. |
| Barceloneta | Municipality | 07/10/20 | Install Flappers Installation - With this project will be benefit the entire population. Under the Bridge inside the de pipeline to avoid Black Flow. | State Road P.R 140 Km 69 | \$1,000,000.00 | | | \$1,000,000.00 | 3 Acres | 18.4438743 | -66.5404659 | Multi-Hazard Mitigation | This affect the Angostura community when the Rio Grande of Manati get out and this community is affected by the water and they have no way to get out of their houses. |
| Barceloneta | Municipality | 07/10/20 | Loarte Solrm Water Colection - With this project will benefit an amount of 11,000 of residents. Advance assistance to evaluate infrastructure improvements in areas that collect runoff water in sectors of the Garrocholes and Florida Outskirts. Reduce urban nuisance flooding and mitigate the discharge of contaminated stormwater runoff into bodies of water through improved stormwater infrastructure design standards, green infrastructure, enhanced stormwater permitting processes and land use regulations, improved system capacity, incentive programs for stormwater retention, and public outreach campaigns. It is necessary to prepare HH studies so that possible structural errors can be fixed. | State Road 682 km 2.9/ On Garrocholes Community | \$2,000,000.00 | | \$ 1,450,000.00 404 funds Will Be Claim | \$500,000.00 | 3 Acres | 18.453617 | -66.566403 | 100-year flooding | This would affect the merchants, the entire population and the people that transit by that street from arecibo. |
| Barceloneta | Municipality | 07/10/20 | Locate a Safe Room in Punta Palmas- El proyecto propuesto Convert existing municipal public facility into a "Safe Room" for the benefit of residents, merchants and visitors of the Coastal Zone of Palmas Altas Community. Improvement of essential services, and resilience building events for community residents and local business, including fostering connections among government agencies, community groups, and NGOs. The height of the structure would be designed as needed to mitigate the threat and according to the projection of NOAA and the dimensions according to the amount of people expected to shelter. The project will benefit 300 families from Verdum and Punta Palmas Community, this families live on risk area on the coastal zone. The Building will be served temporal shelter to those families in case of hazard condition. | Road #681, Km 16 (Interior) Palmas Altas Barceloneta, PR 00617 This project will be located at the North Portion of the Municipality near the Atlantic Coast . | \$1,000,000.00 | | | \$1,000,000.00 | 5.3 Acres | \$18.49 | -66.569373 | Multi-Hazard Mitigation | This project is vitally important since several of these families are occupying vulnerable homes that are threatened by atmospheric events that affect sea level. (Example: Tsunamis, Storms Ect) |
| Barceloneta | Municipality | 07/10/20 | Urban Area Improvement of the Storm Water Collection System- with this project will benefit an amount of 12,000 of residents. Carry out a study in order to implement the best practice that allows us to improve the collection of runoff waters that go to storm sewers in the Urban Center. Reduce urban nuisance flooding and mitigate the discharge of contaminated stormwater runoff into bodies of water through improved infrastructure design standards, green infrastructure, enhanced stormwater permitting processes and land use. The flood mitigation project will include a planning study, conceptual design and construction cost estimates for alternative strategies. | Juan de la Torre (frente a la Pista del complejo Deportivo Sixto Escobar) Carretera 140 Km68 (Int Calle Georgetti) Calle Tomas Dávila -Int Maria Muñoz Sector Sebocuco (Abanico) State Road 140 Int P.R 682 y P.R 681 | \$2,500,000.00 | | | \$1,875,000.00 / 404 funds will be claim \$625,000.00 | 3 Acres | 18.454855 | -66.538716 | 100-year flooding | This would affect the entire population since this is the way to get to de shops and hospitals here in the urban town. |
| Barranquitas | Municipality | 07/10/20 | AREA RECREATIVA TORRE ALTA | AREA RECREATIVA TORRE ALTA | \$70,000.00 | \$41,131.44 | | \$9,454.37 | | \$19,414.19 | | 18.191499 | -66.344194 |
| Barranquitas | Municipality | 07/10/20 | BIBLIOTECA MUNICIPAL | BIBLIOTECA MUNICIPAL | \$171,000.00 | \$15,248.97 | | \$46,653.40 | | \$109,097.63 | | 18.186304 | -66.306834 |
| Barranquitas | Municipality | 07/10/20 | CAM. MUN. SECTOR JOB CORPS 2 SITES BO. QUEBRADILLAS | CAM. MUN. SECTOR JOB CORPS 2 SITES BO. QUEBRADILLAS | \$220,000.00 | \$- | PENDIENTE | \$- | | \$220,000.00 | | 18.200294 | -66.296497 |
| Barranquitas | Municipality | 07/10/20 | CAM. MUNICIPAL FLORITO BURGOS BO. QUEBRADILLAS | CAM. MUNICIPAL FLORITO BURGOS BO. QUEBRADILLAS | \$300,000.00 | \$- | PENDIENTE | \$- | | \$300,000.00 | | 18.192864 | -66.298294 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BALONCESTO LA VEGA | CANCHA BALONCESTO LA VEGA | \$20,000.00 | \$7,175.82 | | \$- | | \$12,824.18 | | -0.66315915 | -0.66315915 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BALONCESTO SAN CRISTOBAL | CANCHA BALONCESTO SAN CRISTOBAL | \$130,000.00 | \$55,723.27 | | \$6,520.00 | | \$67,756.73 | | -66.296759 | -66.296759 |
| Barranquitas | Municipality | 07/10/20 | CANCHA AREA RECREATIVA LAS VILLAS | CANCHA AREA RECREATIVA LAS VILLAS | \$50,000.00 | \$11,462.27 | | \$23,343.87 | | \$15,193.86 | | 18.199721 | -66.316038 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BAJO TECHO JUAN C. BERRIOS | CANCHA BAJO TECHO JUAN C. BERRIOS | \$1,000,000.00 | \$489,724.08 | | \$184,486.10 | | \$325,789.82 | | 18.196778 | -66.307979 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BAJO TECHO SECTOR LOS LOPEZ | CANCHA BAJO TECHO SECTOR LOS LOPEZ | \$200,000.00 | \$- | PENDIENTE | \$114,660.00 | | \$85,340.00 | | 18.238471 | -66.285391 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BALONCESTO CAÑABON | CANCHA BALONCESTO CAÑABON | \$200,000.00 | \$- | PENDIENTE | \$188,650.00 | | \$188,650.00 | | -66.342338 | -66.342338 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BALONCESTO LA LOMA | CANCHA BALONCESTO LA LOMA | \$600,000.00 | \$468,224.25 | | \$- | | \$131,775.75 | | 18.201727 | -66.309959 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BALONCESTO MELTON PERELES | CANCHA BALONCESTO MELTON PERELES | \$160,000.00 | \$- | PENDIENTE | \$- | | \$160,000.00 | | 18.187304 | -66.306979 |
| Barranquitas | Municipality | 07/10/20 | CANCHA BALONCESTO TONITO CABALLERO | CANCHA BALONCESTO TONITO CABALLERO | \$40,000.00 | \$- | PENDIENTE | \$- | | \$40,000.00 | | 18.187605 | -66.308663 |
| Barranquitas | Municipality | 07/10/20 | CANCHA PARCELAS NUEVAS | CANCHA PARCELAS NUEVAS HELECHAL | \$40,000.00 | \$21,213.68 | | \$- | | \$18,786.32 | | 18.167725 | -66.318155 |
| Barranquitas | Municipality | 07/10/20 | CASA ALCALDIA | CASA ALCALDIA | \$106,433.55 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$106,433.55 | | \$106,433.55 | | 18.186142 | -66.306644 |
| Barranquitas | Municipality | 07/10/20 | CASA MUSEO JUAQUIN DE ROJAS | CASA MUSEO JUAQUIN DE ROJAS | \$700,000.00 | \$- | PENDIENTE | \$74,970.00 | | \$625,030.00 | | 18.186416 | -66.305474 |
| Barranquitas | Municipality | 07/10/20 | CEMENTERIO NUEVO | CEMENTERIO NUEVO | \$1,000,000.00 | \$842,182.37 | | \$- | | \$157,817.63 | | 18.179401 | -66.301766 |
| Barranquitas | Municipality | 07/10/20 | CEMENTERIO VIEJO (La Vega) | CEMENTERIO VIEJO (La Vega) | \$2,500,000.00 | \$546,387.88 | EL SEGURO NO CUBRE DESPRENDIMIENTOS | \$- | | \$1,953,612.12 | | -66.31786 | -66.31786 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL | CENTRO COMUNAL NUEVO BARRANQUITAS | \$21,000.00 | \$- | PENDIENTE | \$21,000.00 | | \$21,000.00 | | -66.295574 | -66.295574 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL EL PARQUE | CENTRO COMUNAL EL PARQUE | \$60,000.00 | \$27,879.25 | | \$6,090.00 | | \$26,030.75 | | 18.188919 | -66.346321 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL LA LOMA | CENTRO COMUNAL LA LOMA | \$10,000.00 | \$- | PENDIENTE | \$- | | \$10,000.00 | | -66.304723 | -66.304723 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL LAS GALANAS | CENTRO COMUNAL LAS GALANAS | \$75,000.00 | \$63,358.98 | | \$- | | \$11,641.02 | | -66.288976 | -66.288976 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL LOS FEBUS | CENTRO COMUNAL/ Cancha Baloncesto LOS FEBUS | \$250,000.00 | \$- | PENDIENTE | \$- | | \$250,000.00 | | -66.34338 | -66.34338 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL NUEVO BARRANQUITAS | CENTRO COMUNAL NUEVO BARRANQUITAS | \$21,000.00 | \$- | PENDIENTE | \$21,000.00 | | \$21,000.00 | | -66.310152 | -66.310152 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL PALMARITO | CENTRO COMUNAL PALMARITO | \$30,000.00 | \$- | PENDIENTE | \$30,000.00 | | \$30,000.00 | | -66.336543 | -66.336543 |
| Barranquitas | Municipality | 07/10/20 | CENTRO COMUNAL PARCELAS | CENTRO COMUNAL PARCELAS NUEVAS BARRANQUITAS | \$60,000.00 | \$42,938.39 | | \$- | | \$17,061.61 | | -66.339072 | -66.339072 |
| Barranquitas | Municipality | 07/10/20 | CENTRO CULTURAL | CENTRO CULTURAL | \$280,000.00 | \$209,728.77 | | \$59,310.00 | | \$10,961.23 | | 18.186278 | -66.306839 |
| Barranquitas | Municipality | 07/10/20 | CENTRO DE RECEPCIONES Y BELLAS ARTES | CENTRO DE RECEPCIONES Y BELLAS ARTES | \$700,000.00 | \$357,165.57 | | \$- | | \$142,834.43 | | -66.311379 | -66.311379 |
| Barranquitas | Municipality | 07/10/20 | CENTRO GERIATRICO LA HERMANDAD | CENTRO GERIATRICO LA HERMANDAD | \$225,000.00 | \$124,585.94 | | \$86,360.71 | | \$14,053.35 | | 18.227462 | -66.287681 |
| Barranquitas | Municipality | 07/10/20 | EDIFICIO ANEXO ALCALDIA | EDIFICIO ANEXO ALCALDIA | \$45,000.00 | \$- | PENDIENTE | \$45,000.00 | | \$45,000.00 | | -66.31425 | -66.31425 |
| Barranquitas | Municipality | 07/10/20 | EDIFICIO ANTIGUO CASINO | EDIFICIO ANTIGUO CASINO | \$250,000.00 | \$209,294.15 | | \$24,270.00 | | \$14,433.85 | | -66.307614 | -66.307614 |
| Barranquitas | Municipality | 07/10/20 | EDIFICIO FINANZAS | EDIFICIO FINANZAS | \$150,000.00 | \$89,060.44 | | \$19,269.57 | | \$41,669.99 | | 18.185409 | -66.306684 |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional | |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|--|--|
| Barranquitas | Municipality | 07/10/20 | EDIFICIO HOGAR CREA | EDIFICIO HOGAR CREA | \$250,000.00 | \$- | PENDIENTE | \$- | | \$250,000.00 | | -66.276051 | -66.276051 | |
| Barranquitas | Municipality | 07/10/20 | EDIFICIO RECICLAJE | EDIFICIO RECICLAJE | \$25,000.00 | \$- | | \$6,331.80 | | \$18,668.20 | | -66.306826 | -66.306826 | |
| Barranquitas | Municipality | 07/10/20 | ESTACIONAMIENTO MULTIPISOS | ESTACIONAMIENTO MULTIPISOS | \$100,000.00 | \$- | PENDIENTE | \$9,437.50 | | \$90,562.50 | | 18.185608 | -66.306468 | |
| Barranquitas | Municipality | 07/10/20 | ESTACIONAMIENTO QUEBRADA LOS MUERTOS | ESTACIONAMIENTO QUEBRADA LOS MUERTOS | \$30,000.00 | \$- | PENDIENTE | \$- | | \$30,000.00 | | -66.304993 | -66.304993 | |
| Barranquitas | Municipality | 07/10/20 | ESTADIO MUNICIPAL | ESTADIO MUNICIPAL | \$75,000.00 | \$- | PENDIENTE | \$- | | \$75,000.00 | | -66.295478 | -66.295478 | |
| Barranquitas | Municipality | 07/10/20 | MINI ESTADIO SECTOR LOS LOPEZ | MINI ESTADIO SECTOR LOS LOPEZ | \$150,000.00 | \$- | PENDIENTE | \$13,197.00 | | \$136,803.00 | | 18.23836 | -66.255042 | |
| Barranquitas | Municipality | 07/10/20 | OFICINA ORDENACION TERRITORIAL Y PERMISOS | OFICINA ORDENACION TERRITORIAL Y PERMISOS | \$40,000.00 | \$12,792.53 | FEMA 404 PENDIENTE | \$11,235.65 | | \$15,971.82 | | 18.186108 | -66.306833 | |
| Barranquitas | Municipality | 07/10/20 | PABELLON DE LAS ARTES Y LA JUVENTUD | PABELLON DE LAS ARTES Y LA JUVENTUD | \$200,000.00 | \$- | PENDIENTE | \$105,071.38 | | \$94,928.62 | | 18.184155 | -66.306524 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE ATLETICO CAÑABON | PARQUE ATLETICO CAÑABON | \$500,000.00 | \$- | PENDIENTE | \$11,500.00 | | \$488,500.00 | | -66.342939 | -66.342939 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE ATLETICO LA VEGA | PARQUE ATLETICO LA VEGA | \$130,000.00 | \$84,821.91 | | \$11,500.00 | | \$33,678.09 | | -66.316988 | -66.316988 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE PASIVO | PARQUE PASIVO | \$100,000.00 | \$- | PENDIENTE | \$98,650.00 | | \$1,350.00 | | 18.194406 | -66.306148 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE PELOTA RIQUELMER NAVEDO | PARQUE PELOTA RIQUELMER NAVEDO | \$30,000.00 | \$- | PENDIENTE | \$- | | \$30,000.00 | | -66.315203 | -66.315203 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE PEQUEÑAS LIGAS LOS LOPEZ | PARQUE PEQUEÑAS LIGAS LOS LOPEZ | \$90,000.00 | \$58,712.00 | | \$16,985.93 | | \$14,302.07 | | 18.238318 | -66.285091 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE SOCCER | PARQUE SOCCER | \$100,000.00 | \$- | PENDIENTE | \$100,000.00 | | \$0.00 | | -66.304466 | -66.304466 | |
| Barranquitas | Municipality | 07/10/20 | PARQUE TONITO CABALLERO | PARQUE TONITO CABALLERO (CAÑACHA) | \$70,000.00 | \$28,245.54 | | \$22,357.40 | | \$19,397.06 | | 18.187348 | -66.308401 | |
| Barranquitas | Municipality | 07/10/20 | PASEO ECOLOGICO | PASEO ECOLOGICO | \$130,000.00 | \$- | PENDIENTE | \$15,902.01 | | \$114,097.99 | | 18.193896 | -66.306771 | |
| Barranquitas | Municipality | 07/10/20 | PASEO LINEAL Y MIRADOR TURISTICO | PASEO LINEAL Y MIRADOR TURISTICO | \$3,500,000.00 | \$- | PENDIENTE | \$1,045,503.75 | | \$2,454,496.25 | | -66.308813 | -66.308813 | |
| Barranquitas | Municipality | 07/10/20 | PISCINA SEMI OLIMPICA | PISCINA SEMI OLIMPICA | \$25,000.00 | \$- | PENDIENTE | \$- | | \$25,000.00 | | -66.309023 | -66.309023 | |
| Barranquitas | Municipality | 07/10/20 | PISTA ATLETISMO (GRADAS) | PISTA ATLETISMO (GRADAS) | \$700,000.00 | \$406,458.21 | | \$10,287.00 | | \$383,254.79 | | 18.195756 | -66.307078 | |
| Barranquitas | Municipality | 07/10/20 | PISTA DE PATINETAS | PISTA DE PATINETAS | \$30,000.00 | \$- | PENDIENTE | \$5,040.00 | | \$24,960.00 | | 18.194495 | -66.307024 | |
| Barranquitas | Municipality | 07/10/20 | PLAZA BDA. LA VEGA | PLAZA BDA. LA VEGA | \$50,000.00 | \$26,768.77 | | \$5,358.10 | | \$17,873.13 | | -66.313432 | -66.313432 | |
| Barranquitas | Municipality | 07/10/20 | PLAZA PUBLICA | PLAZA PUBLICA | \$70,000.00 | \$52,370.85 | | \$- | | \$17,629.15 | | 18.186296 | -66.306548 | |
| Barranquitas | Municipality | 07/10/20 | PR 143 Km. 54.8 Int. Sector Hoya del Hueso Helechal | Acceso #1 y #2 Camino Otilio Colón | \$700,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$700,000.00 | | 18.148697 | -66.338126 | |
| Barranquitas | Municipality | 07/10/20 | PR 156 Km. 3.3 Int. Bo. Palo Hincado | Puente Las Garzas | \$700,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$700,000.00 | | 18.189381 | -66.327048 | |
| Barranquitas | Municipality | 07/10/20 | PR 749 Km. 2.5 Int. Bo. Quebrada Grande | Camino Los Figueroa | \$300,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$300,000.00 | | 18.205481 | -66.277619 | |
| Barranquitas | Municipality | 07/10/20 | PR 770 Km 5.5 Int bo. Cañabón | Puente Humberto Rodríguez | \$300,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$300,000.00 | | 18.227452 | -66.34222 | |
| Barranquitas | Municipality | 07/10/20 | PR 770 Km. 3.0 Int. Camino Las Pinas Bo. Cañabon | Puente Maneco | \$150,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$150,000.00 | | 18.221841 | -66.342032 | |
| Barranquitas | Municipality | 07/10/20 | PR 772 Km. 1.7 Int. Camino Las Villas Bo. Barranquitas | Puente La Capilla | \$200,000.00 | \$- | FEMA 404 SIN APROBAR | \$- | | \$200,000.00 | | 18.204497 | -66.320264 | |
| Barranquitas | Municipality | 07/10/20 | PR 772 Km. 2.0 Int. Bo. Palo Hincado | Puente Freddie Guineo | \$300,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$300,000.00 | | 18.180338 | -66.36152 | |
| Barranquitas | Municipality | 07/10/20 | | OFICINA DE MANEJO DE EMERGENCIAS Y COMANDANCIA MUNICIPAL, GENERADOR | \$75,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$75,000.00 | | 18.189255 | -66.30449 | |
| Barranquitas | Municipality | 07/10/20 | | COMANDANCIA MUNICIPAL TORMENTERAS | \$35,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$35,000.00 | | 18.189255 | -66.30449 | |
| Barranquitas | Municipality | 07/10/20 | | CAMINO PARCELAS VIEJAS, LA PACHECA | \$20,000.00 | \$- | | \$- | | \$20,000.00 | | 18.218967 | -66.318715 | |
| Barranquitas | Municipality | 07/10/20 | | OFICINA MANEJO DE EMERGENCIAS, TORMENTERAS | \$25,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$25,000.00 | | 18.189255 | -66.30449 | |
| Barranquitas | Municipality | 07/10/20 | | CAMINO LAS VILLAS | \$200,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$200,000.00 | | 18.204477 | -66.320192 | |
| Barranquitas | Municipality | 07/10/20 | | CAMINO HECTOR SANTIAGO | \$150,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$150,000.00 | | 18.227452 | -66.34222 | |
| Barranquitas | Municipality | 07/10/20 | | CAMINO AGENTE ROBLES | \$150,000.00 | \$- | FEMA 404 solicitado todos pero no esta aprobado | \$- | | \$150,000.00 | | 18.170058 | -66.337604 | |
| Bayamón | Municipality | 06/30/20 | Channeling on the Santa Catalina ravine in Villa Rica House Complex. The approximate length is 210 meters (690 feet), which extends from Castiglioni Street to PR-839 road. Both sides of the channel have collapsed, exposing crustal material that has been eroded by the force of water. This situation is a cause of concern for the municipal administration, since it completely affects the security of the neighboring area, both in terms of damage to property and the guarantee of safety and security to citizen. Flood damage has affected some neighboring premises and will potentially affect new properties until measures are taken in account. This unnamed creek is the most important tributary of Cerro Gordo Creek, which in turns the flow waters on Hondo River. The unnamed creek starts in the Pajaros sector, near the crossroads of the PR-861 and PR-862 roads, within the territory of the Municipality of Bayamon. Current and Potential Damages - The floods that have occurred in the unnamed creek have produced harmful consequences, among which we can mention the following: oCollapse in the Rectangular Section. The final rectangular section, has suffered collapses of its walls and landslides have reached the channel. The reasons for these | Santa Catalina Creek is located in the union of Villa Rica Extension, Reparto Flamingo and Santa Mónica. The specific section to be canalized is between 10 Street (Villa Rica Extension) and Perla del Sur Street (Reparto Flamingo) (Hato Tejas ward, 00957) | \$1,973,680.00 | \$- | | \$- | The approximate distance between 10 Street and Perla del Sur Street is of 265 meters. | 18.391993 | -66.174495 | 100-year flooding | | |
| Bayamón | Municipality | 06/30/20 | Landslides - The objective is to acquire and demolish 30 properties, distributed along one urban and three rural communities, located in areas susceptible to flooding and landslides, and declare them open space areas. A thorough knowledge of the local geology must be acquired and a structural analysis must be made by appointing geologists and structural engineers to study the land and properties. | 2) 11 Properties located at Chorreras Sector at Guaraguao Arriba ward. - Road PR-174 Km 14.7, Chorreras Sector, Bayamón PR 00957 (3 properties near Puente Vado) - Road PR-174, Chorreras Sector, Bayamón PR 00957 (8 properties) | \$3,000,000.00 | \$- | | \$- | 1) There's a total of approximately 4.56 acres. | 1) 18.292751 18.292497 18.29349024 18.289799 18.289664 18.289535 18.279946 18.280002 18.280186 18.280066 18.280193 | 4) -66.14115917 4) -66.141557 66.141670 66.141555 66.144223 66.144027 66.143919 66.143927 | 7) - 8) - 9) - 10) - 11) -66.144013 | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional | |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|---|--|--|--|
| Bayamón | Municipality | 06/30/20 | Kauli Julia School (Shelter) - Structural improvements to the two floors of the property. It is necessary to install complete electrical rough-in for the entire building. All surrounding sidewalks will be rebuilt under code. Improvements and expansion to the existing parking lot. Demolition of structures within the property such as the gazebo, repair and installation of roofing system and concrete improvements. Perform grading of the Baseball park field. Exploratory work is required for the installation of the potable and sanitary water system. General remodeling of all doors and windows of the existing building. The first level will be for administrative offices, dining room of approximately 2,500 square feet, bathrooms with showers and medical examination area, registration and nurses' quarters. Building three (3) will be remodeled to become the C.O.E. of the area. On the second level there will be sleeping quarters with a capacity of 24 persons per room with 3-bunk beds. It is divided into eight (8) sleeping quarters for a total of 192 beds resulting in 27.08 square feet per person. Level two will have medical space for bedridden persons and in need of such care. All buildings will have the electrical capacity for any specialized equipment needed in case of an emergency. The design features a mechanical room that is prepared for the installation of a generator to meet the needs of all buildings. | Flamboyán Gardens Urb. 19 Street, Bayamón PR 00959 (Cerro Gordo ward) | \$1,000,000.00 | | | | The project will cover approximately 1.35 acres | 18.38696466 | -66.15866182 | Multi-Hazard Mitigation | | |
| Bayamón | Municipality | 06/30/20 | Retaining wall located in the Reparto Rivera - It is located between the Victoria Heights and Reparto Rivera developments. The difference in elevation is 100 feet high and 400 feet long. The slide occurred from the recreational area to the housing complex, affecting 6 housing units. In a previous intervention of the municipality a retaining wall was built which failed. It involves a substantial earth movement. Estimated retaining wall dimensions 15' H x 400' L x 12' T. | A retaining wall to be located in the back of the properties located at Calle Diana at Reparto Rivera in Hato Tejas ward. It will be located in the back of 4 properties: Reparto Rivera C-9, C-10, C-11 and C-12. | \$300,000.00 | | | | The retaining wall will cover approximately 116 meters. | 18.40189 | -66.194543 | Multi-Hazard Mitigation | | |
| Bayamón | Municipality | 06/30/20 | Roundabouts, Improvement to the existing geometry and pavement marking - the improvements and locations suggested are listed below: o Intersection of PR-168 with PR-29 - Roundabout. o Intersection of PR-2 with PR-6 - Roundabout. o Intersection of PR-167 with Avenida Bobby Capó/Ramón Emeterio Betances - Roundabout. o PR-167 intersection with Ramon Emeterio Betances street - Roundabout. o Improvements to the traffic light system, pavement marking and signage. | 1) TRAN PR-167 Km 22.8 Int. Ramón Emeterio Betances Avenue and Bobby Capó Avenue, Bayamón PR 00961 (Pueblo ward) 2) TRAN PR-29 Km 1.0 Int. TRAN PR-168 Km 0.4, Bayamón PR 00961 (Hato Tejas ward) 3) TRAN PR-2 Km 9.8 Int. TRAN PR-6 Km 0.0, Bayamón PR 00957 (Juan Sánchez ward) 4) TRAN PR-167 Km 23.1 Int. 24 Street, Bayamón PR 00961 (Plazoleta del Cantón and Plaza di Luna, Hato Tejas ward) | \$12,000,000.00 | | | | 1) Approximately 2.93 acres. 2) Approximately 2.86 acres. 3) Approximately 6.5 acres. 4) Approximately 2.82 acres. 5) Approximately 0.76 acres. | 1) 18.401914 2) 18.406674 3) 18.397479 4) 18.403915 5) 18.374884 | 1) -66.159336 2) -66.175565 3) -66.138006 4) -66.159852 5) -66.149058 | 2) - 3) - 4) - 5) - | Multi-Hazard Mitigation | |
| Bayamón | Municipality | 06/30/20 | The proposed project will fund the Municipality of Bayamón's efforts in tackling the current address arrangement by creating and designing a uniform, local, and unambiguous address system to the benefit of the population within its twelve wards, in accordance and compliance with the logical addressing conventions of the United States Postal Service, and to the benefit of other local and federal agencies which include the Census, the Federal Emergency Management Agency, the local Emergency Management Administration (911), and first responders in the occurrence of any future emergency. Not only will low and moderate-income communities will receive a benefit from the proposed project, but all residential communities within the Municipality. This project should be planned and worked in coordination with federal and local agencies that provide essential services / urgent needs to the whole residential population of Bayamón. The purpose of the project is to standardize the addressing system within the Municipality of Bayamón to comply with the addressing conventions established by the United States Postal Service and as such, to enhance the proper identification of all residential communities for the betterment of the services provided to the population of Bayamón from the federal, state and local government. As such, we are mitigating the risk of loss of life, injury, damage to and loss of property, and suffering and hardship, by lessening the impact of future disaster by avoiding | This project will cover all the Municipality of Bayamón | \$2,000,000.00 | | | | The project will cover the entire Municipality of Bayamón, it is approximately 28,499.2 acres in total | 18.39676 | -66.15485 | Multi-Hazard Mitigation | | |
| Bayamón | Municipality | 06/30/20 | Weather stations - that includes the control module (data logger), wind sensor, temperature-pressure-humidity sensor, sun sensor, and adds a rain gauge and a soil/surface temperature probe. The built-in cell phone provides maximum flexibility in positioning the weather station, exceptional uptime and minimal support. The location selected are shown below: o Barrio Nuevo o Van Scoy o The existing C.O.E. facilities (in network connection with all fifth (5) Bayamón main hospitals. o La Morenita o Science Park | 1) Road PR-167 Km 14.8, Van Scoy Sector, Bayamón PR 00956 (Buena Vista ward - Proyecto Nacer building) 2) Road PR-174 Km 9 Hm 9, Bayamón PR 00957 (Guaragua Abajo ward, Municipal Police Headquarter at La Morenita Sector) 3) Road PR-816 Ramal 5.6, Bayamón PR 00957 (Nuevo ward, Head Start Center) 4) 1500 Ramón Luis Avenue, Bayamón PR 00961 (Hato Tejas ward, Parque de las Ciencias Luis A. Ferré) | \$30,000.00 | | | | There's a total of approximately 37.8 acres. | 1) 18.34210915 2) 18.313961 3) 18.278769 4) 18.40979639 5) 18.36709215 6) 18.36803160 7) 18.39710129 8) 18.317907 | 1) -66.19633370 2) -66.146109 3) -66.192558 4) -66.16189981 5) -66.15369812 6) -66.14730225 7) -66.15456530 8) -66.1644799 | 2) - 3) - 4) - 5) - 6) - 7) - 8) - | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional | |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|---|--|---|---|--|
| Bayamón | Municipality | 06/30/20 | | 30 Properties located in areas susceptible to hazards like landslides and earthquakes, distributed along 4 communities: 1 in the urban area and the other 3 in the rurality. 1) 11 Properties located at Sierra Bayamón Urb. 56 Block 44 Street. Bayamón PR 00961. The properties numbers goes from #27 to #37, consecutive numbers (Hato Tejas ward). - 56-27 Sierra Bayamón Urb. 44 Street, Hato Tejas, Bayamón, 00961 | Unknown | | | | 1) There's a total of approximately 0.71 acres. | 1) 18.40866059 (centerpoint) 18.40833420 18.40843966 18.40851389 18.40858980 18.40866059 18.40872709 18.40879456 18.40885607 18.40891621 18.40907848 18.40905735 | 1) -66.16507594 (centerpoint) -66.16507532 -66.16509524 66.16506413 66.16506521 66.16507594 66.16508850 66.16509750 66.16511684 66.16512493 66.16519615 66.16504232 | Multi-Hazard Mitigation | | |
| Bayamón | Municipality | 06/30/20 | | 37 Properties located at Nuevo ward near Road PR-167 intersection. - PR-816 Km 0.0, Dajaos ward, Bayamón PR 00957 - PR-816 Km 0.1, Dajaos ward, Bayamón PR 00957 - PR-816 Km 0.2 Salar E, Dajaos ward, Bayamón PR 00957 - PR-816 Km 0.2, Dajaos ward, Bayamón PR 00957 | Unknown | | | | 1) There's a total of approximately .4 acres. | 1) 18.304044 2) 18.304003 18.303901 18.303741 | 1) -66.209215 66.209295 66.209357 66.209387 | 2) - 3) - 4) - | | |
| Bayamón | Municipality | 06/30/20 | | 4 Properties located at Nuevo ward. - PR-816, Dajaos ward, Bayamón PR 00957 - PR-816, Nuevo ward, Bayamón PR 00957 - PR-816, Nuevo ward, Bayamón PR 00957 - PR-816, Nuevo ward, Bayamón PR 00957 | Unknown | | | | 1) There's a total of approximately 0.1 acres. | 1) 18.303473 2) 18.302233 18.302111 18.302019 | 1) -66.209247 66.208925 3) -66.208818 4) -66.208802 | 2) - 3) - 4) - | | |
| Cabo Rojo | Municipality | 07/16/20 | Erosion Control and green infrastructure initiative in Joyuda. | Proposed action is located at PR - 102 on Joyuda Sector. Joyuda Sector is located in the Cabo Rojo's coastline and is filled with a variety of structures and infrastructure. Joyudas Sector is located starts in the Guanajibo Ward of the municipality. It starts northern part of the ward followint the coastin into the midcenter of the ward adjacent to the lagoon. | \$650,000.00 | \$0.00 | None | \$1,000,000.00 | 2000 Linear Meters | 18.14203 | -67.177538 | Hurricane Storm Surge | The proposed action consists in the implementation of green infrastructure for erosion control in the coastline and stormwater management in the Joyuda's Sector. | |
| Cabo Rojo | Municipality | 07/16/20 | Flood Control Urb. La Concepción | Urb. Concepcion, Bo. Miradero. Urb. La Concepcion is located adjacent to PR -308 near City Hall. | \$750,000.00 | \$0.00 | None | \$750,000.00 | 12 acres | 18.085391 | -67.148043 | 100-year flooding | Mitigation project consist in the development of Hydrologic and Hydraulic Study (H-H) to design and develop flood control structures or alternatives for Urb. La Concepcion in Bo. Miradero adjacent to the downtown of the municipality. This area has suffered flooding up to 8 feet of water during significant rain events due to the volume of water in the Mendocza Creek. The project proposes the development of a H-H study to evaluate, design and develop a flood control project which addresses the volume of the creek and the existing stormwater management for the community to prevent the loss of life and private property. | |
| Cabo Rojo | Municipality | 07/16/20 | Inventory of Structures in MACR Through Geographic Information System (GIS) | Proposed action consist in the development of a Master Inventory for the Municipality using Geographic Information System (GIS) for the whole geography of the municipality. | \$75,000.00 | \$0.00 | None | \$75,000.00 | 46080 acres | 18.086713 | -67.150371 | Earthquakes | Conducting structure inventories of public and provide buildings and other assets will help determine the most cost benefit infrastructure improvement measures to be undertaken to mitigate against future losses | |
| Cabo Rojo | Municipality | 07/16/20 | Master Study H-H for the Municipality of Cabo Rojo | Proposed action is for the geography of the Municipality of cabo Rojo. | \$500,000.00 | \$500,000.00 | None | \$500,000.00 | 46080 acres | 18.086713 | -67.150371 | 100-year flooding | the proposed action consists in the development of a Master H-H assessments will allow the utilization of measurable data to help determine the most cost benefit infrastructure improvement measures to be undertaken | |
| Cabo Rojo | Municipality | 07/16/20 | Reconstruction & Tidal Mitigation in Salinas Cuajaderos de Cabo Rojo | The proposed project is located at PR - 301 in the Boqueron Ward on the southwest part of the ward adjacent to the El Faro Los Morillos Lighthouse. | \$1,000,000.00 | \$0.00 | None | \$1,000,000.00 | 200 Linear Meters | 17.951531 | -67.194567 | Hurricane Storm Surge | The project consist on the reconstruction and reinforcement of the wall salt extraction ponds adjacent the ocean in which it was damage during hurricane Maria and in past years. The main activities for the project will be the reestablishment of the wall to mitigate the occurring erosion of the wall and damage to the salt ponds. | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
| Cabo Rojo | Municipality | 07/16/20 | Rehabilitation of Puente Camino Los Fagundo / Guilloty Bo. Llanos Tuna | Proposed action is located at Camino Guilloty in the Llanos Tuna Ward. | \$400,000.00 | \$0.00 | None | \$400,000.00 | 300 Linear Feet | 18.050304 | -67.147838 | 100-year flooding | Mitigation efforts consist on the rehabilitation or replacement (which more is feasible) of the Los Fagundos Bridge by retrofitting the existing structure up to code, replacing structure or repairing and reinforcing the structure. Repairs for the structure may include improvements to the hydrologic capacity of the structure, elevate the structure and improvements to the embankment slope for the prevention of erosion of foundation. Total replacement of the structure if viable may be an option. Build a new structure that is up to code and its design to withstand hazards from natural events. |
| Cabo Rojo | Municipality | 07/16/20 | Rehabilitation of Puente Sector La Quince-Hoyo Bravo, Bo. Llanos Tuna | The proposed action is located at the Sector Quince - Hoyo in the Llanos Tuna Ward. Project Location is adjacent to | \$300,000.00 | \$0.00 | None | \$300,000.00 | 50 Linear Meters | 18.068587 | -67.140314 | 100-year flooding | Mitigation efforts consist on the rehabilitation or replacement (which more is feasible) of the La Quince bridge by retrofitting the existing structure up to code, replacing structure or repairing and reinforcing the structure. Repairs for the structure may include improvements to the hydrologic capacity of the structure, elevate the structure and improvements to the embankment slope for the prevention of erosion of foundation. Total replacement of the structure if viable may be an option. Build a new structure that is up to code and its design to withstand hazards from natural events. |
| Cabo Rojo | Municipality | 07/16/20 | Replacement & Improvement of Box Culvert in PR-102 Km. 15.3 (Puente El Peo) | The proposed action is located in the PR - 102 Km. 15.3 in the Guanajibo Ward adjacent to the coastline and in the Joyuda Sector. | \$200,000.00 | \$0.00 | None | \$200,000.00 | 100 Linear Meter | 18.104848 | -67.182683 | 100-year flooding | Mitigation efforts consist on the rehabilitation or replacement (which more is feasible) of Box Culvert by retrofitting the existing structure up to code, replacing structure or repairing and reinforcing the structure. Repairs for the structure may include improvements to the hydrologic capacity of the structure, elevate the structure and improvements to the embankment slope for the prevention of erosion of foundation. Total replacement of the structure if viable may be an option. Build a new structure that is up to code and its design to withstand hazards from natural events. |
| Cabo Rojo | Municipality | 07/16/20 | Replacement & Improvement of Bridge on PR-3311 | Proposed action is located at PR - 3111 km. 3.7 in the Guanajibo Ward. | \$700,000.00 | \$0.00 | None | \$700,000.00 | 50 Linear Meters | 18.122915 | -67.137306 | 100-year flooding | Mitigation efforts consist on the rehabilitation or replacement (which more is feasible) of Bridge on PR-3311 by retrofitting the existing structure up to code, replacing structure or repairing and reinforcing the structure. Repairs for the structure may include improvements to the hydrologic capacity of the structure, elevate the structure and improvements to the embankment slope for the prevention of erosion of foundation. Total replacement of the structure if viable may be an option. Build a new structure that is up to code and its design to withstand hazards from natural events. |
| Cabo Rojo | Municipality | 07/16/20 | Stormwater Recollection Channel at Pole Ojea Community. The purpose of the project is the mitigation of flood at the Pole Ojea Community in Boqueron Ward. The proposed project mitigates flooding up to 70 % in a significant atmospheric event such as a hurricane. The direct benefit is to the residents of the Pole Ojea Community which in 2008 suffered a flood event in which resulted in the flooding of the whole community and massive losses to its residents. | The proposed project is located north of the Pole Ojea Community in Boqueron Ward. The proposed action is located adjacent to PR-3301 Section (directly above) el Corozo Sector and ends on the Cabo Rojo National Wildlife Refuge. | \$2,000,000.00 | \$1,000,000.00 | CDBG-DR 2008 | \$1,000,000.00 | 1232 Linear Meters (Aprox) | 17.979366 | -67.186022 | 100-year flooding | Proposed action corresponds to a 100 year flooding event in the Pole Ojea Community in 2008. CDBG DR funds were assigned for the development of the proposed action. All permits and compliance requirements have been met at local, state and federal level. See attached project folder with supporting documentation. |
| Cabo Rojo | Municipality | 07/16/20 | Technical Study H- H Quebrada Los Mendoza | The proposed action is located at the Bajura Ward of the municipality adjacent to the PR -3111. Location is north of the municipal cementaery San Martín de Páez. | \$50,000.00 | \$0.00 | None | \$50,000.00 | 2000 Linear Meters | 18.101155 | -67.146807 | 100-year flooding | H-H study for the determination of structural mitigation measure to be used |
| Cabo Rojo | Municipality | 07/16/20 | Viability Study For Pipeline & Rainwater Collection in Betances Community | The proposed action is located at Betances Community in the Luis Muñoz Marín Street adjacent to the PR - 101 and the Betances Baseball Park. | \$450,000.00 | \$0.00 | None | \$450,000.00 | 250 Linear Meters | 18.029649 | -67.134495 | 100-year flooding | The mitigation project consist in the design and construction of stormwater management infrastructure for the Betances Community for the mitigation of flooding. Project main task will be the hydrologic assessment, design of stormwater management system and construction of the system for the community. |
| Caguas | Municipality | 07/07/20 | Adquisición de estructura de uso residencial completamente destruida por deslizamiento de terreno, ocurrido durante el paso del Huracán María. Esto para que las personas residentes puedan adquirir un vivienda segura. | PR-1, Comunidad Los Panes, Barrio Beatriz (# de catastro: 250-098-975-15-000) | \$105,000.00 | | Programa 404 FEMA | | | 18.18611 | -66.07551 | Rain Induced Landslides | El proyecto atiende nuestro Plan Municipal de Mitigación de Peligros Múltiples (revisión 2016) Tabla 3-1, Actividad # 17, Página 3-17. |
| Caguas | Municipality | 07/07/20 | Calle afectada por inundaciones en tiempos de fuertes lluvias. Esta inundación a su vez afectó los caminos del pavimento. Las inundaciones dejaron varados a los residentes de la Urb. Ciudad Jardín. Se necesita un estudio para identificar la mejora del sistema de aguas pluviales como un estanque de retención para desviar las aguas de la inundación durante los periodos de fuertes lluvias. Esta acción beneficiará a 1,325 residentes del desarrollo de Ciudad Jardín (Grupo de bloques 720252003041) ya que esta ruta es su única salida. | Avenida Las Gaviotas, Urb. Ciudad Jardín, Barrio Barroa. | \$110,000.00 | | Programa 404 FEMA | | | 18.25531 | -66.05011 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Calle inundada por obstrucción de tuberías y daños a la cerca de alambre, entre otros. Requiere ampliar la alcantarilla y/o construcción de diques, canales, muros u otras medidas de control de inundaciones. Esta actualización al sistema de alcantarillado pluvial beneficiará a los residentes de los siguientes grupos de bloques: 720252024022-1.459 720252023001-2.237 720252022001-1.623 Un total de 5,317 personas que residen en las comunidades adyacentes y utilizan esta ruta para salir de sus hogares. | Calle Austria, Urb. Alturas de Villa del Rey, Barrio Cañaboncito | \$582,000.00 | | Programa 404 FEMA | | | 18.21461 | -66.05851 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Calle Pamplona es afectada por inundaciones en tiempos de fuertes lluvias. Esta inundación a su vez afectó el pavimento de la Calle. Las inundaciones dejaron varados a los residentes de 12 residencias en la referida Calle. Se necesita un estudio H/H para identificar las mejoras necesarias al sistema de aguas pluviales. Por ejemplo, el puente en la calle Tenerife puede necesitar mejoras para aumentar la flujo que discurre bajo el mismo. | Calle Pamplona, Urb. Ciudad Jardín, Barrio Barroa | \$100,000.00 | | Programa 404 FEMA | | | 18.25451 | -66.05321 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Construcción de muros de gaviones para estabilizar los bancos del arroyo Los Muertos a lo largo de un segmento de 600 metros. Esta acción es necesaria para proteger las casas y otros elementos de la infraestructura urbana adyacente a este arroyo. Esta acción sirve para proteger 51 propiedades, incluyendo una iglesia y un campo de fútbol para niños, a lo largo de un segmento de 600 metros en riesgo de ser afectado por la erosión fluvial causada por las inundaciones del arroyo Los Muertos. | La Quebrada Los Muertos a la altura de la Urb. Turabo Gardens (1ra y 2da Sección) en Barrio Cañaboncito. | \$582,000.00 | | Programa 404 FEMA | | 600 metros | 18.21441 | -66.05361 | 100-year flooding | El Proyecto atiende el Caso 15, Tabla 3-3, página 3-29 del Plan de Mitigación de Peligros Múltiples del Municipio (revisión de 2016). |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Caguas | Municipality | 07/07/20 | El cul-de-sac de la calle sin salida Luis González Peña fue dañado por la erosión debido a las inundaciones del río Bairoa durante el huracán María. La construcción de un muro de gaviones en ese punto es necesaria para estabilizar la orilla del río y proteger el final de esa calle. | Calle Luis González Peña, Urb. Monticello, Barrio Bairoa | \$582,000.00 | | Programa 404 FEMA | | | 18.25501 | -66.02981 | 100-year flooding | El proyecto atiende lo establecido en nuestro Plan Municipal de Mitigación de Peligros Múltiples (versión 2016) Tabla 3-1, Actividad # 17, Página 3-17. |
| Caguas | Municipality | 07/07/20 | El Municipio propone el uso de muros de gaviones para estabilizar los bancos del arroyo Los Muertos a lo largo de un segmento de 470 metros. Esta acción es necesaria para proteger las casas adyacentes a este arroyo. Esta acción sirve para proteger 21 casas en riesgo de ser afectadas por la erosión riberdina causada por las inundaciones del arroyo Los Muertos en ese segmento de 470 metros. | La Quebrada Los Muertos a la altura de la Urb. Bonneville Heights II, en Barrio Cañaboncito. | \$582,000.00 | | Programa 404 FEMA | | 470 metros | 18.22691 | -66.04601 | 100-year flooding | El proyecto atiende el caso 14, Tabla 3-3, página 3-29 del Plan de Mitigación de Peligros Múltiples del Municipio (revisión de 2016). |
| Caguas | Municipality | 07/07/20 | El parque lineal sirve como una ruta de transporte peatonal entre las comunidades de este sector. Este parque sufrió daños por inundaciones durante el huracán María. El Municipio recomienda llevar a cabo mejoras al sistema de aguas pluviales para evitar daños en futuras ocasiones. Este proyecto beneficia a 1,696 personas del grupo de bloques 720252014001, ya que permite una ruta de transporte peatonal alternativa. | Parque Lineal de la Urb. Bonneville Heights, 1ra Sección, Barrio Cañaboncito | \$110,000.00 | | Programa 404 FEMA | | | 18.22471 | -66.05161 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Esta zona se ve afectada por los deslizamientos de tierra y alrededor de 9 casas están sufriendo daños estructurales por este movimiento terrestre. Dado que estas familias están en peligro de perder su vivienda es necesario adquirir esas propiedades para que puedan reubicarse y la tierra ya no pueda ser utilizada para viviendas. | PR-763, Sector Hato, Barrio San Salvador | \$990,000.00 | | Programa 404 FEMA | | | 18.13231 | -66.06171 | Rain Induced Landslides | El proyecto propuesta atiende nuestro Plan de Mitigación de Peligros Múltiples de Caguas (versión 2016) en particular, la Tabla 3-3, Caso 18, Página 3-29. |
| Caguas | Municipality | 07/07/20 | Existe un problema de erosión en un arroyo que atraviesa esta comunidad y afecta el patio trasero de lotes adyacentes. Si la erosión continúa, también afectará las casas en esas lotes. Se estima que 25 propiedades en un segmento de 430 metros están potencialmente en riesgo de verse afectadas por la erosión. Proponemos la canalización del segmento de 430 metros del este arroyo, afluente del río Turabo. | Calle # 7, Villa Saúl, Barrio Botinquen. | \$582,000.00 | | Programa 404 FEMA | | 430 metros | 18.17911 | -66.05201 | 100-year flooding | Cumple con el Plan de mitigación de riesgos múltiples de Caguas (versión 2016) Tabla 3-1, Actividad # 8, página 3-14. |
| Caguas | Municipality | 07/07/20 | Inundación de la carretera debido a la falta de capacidad de alcantarilla. Esto produce erosión y puede afectar potencialmente a las propiedades y estructuras adyacentes. El problema también puede dejar 14 propiedades sin acceso en tiempos de lluvias intensas. | Calle A, Comunidad Twin Valley, Barrio Río Cañas | \$582,000.00 | | Programa 404 FEMA | | | 18.27941 | -66.02961 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Inundación de la Quebrada Janer causa daños a la casa E-8, específicamente, causa la erosión de la parcela, esta erosión entonces ha causado hundimiento y agrietamiento de la estructura. Por eso el Municipio quiere adquirir y demoler la estructura dañada, para de esta forma esta familia pueda reubicarse a una vivienda segura. | Calle # 3, Urb. San Rafael, Barrio Tomás de Castro (Número de Catastro 251-010-258-14-001) | \$105,000.00 | | Programa 404 FEMA | | 192.27 m2 | 18.21471 | -66.00561 | 100-year flooding | Proyecto atiende Plan Municipal de Mitigación de Peligros Múltiples (revisión 2016) Cuadro 3-1, Actividad # 17, "aumentar las áreas naturales protegidas en el Municipio Autónomo de Caguas basado en la adquisición, restricción en el uso o protección de áreas inundadas o susceptibles a deslizamientos de tierra". |
| Caguas | Municipality | 07/07/20 | La calle Juracán se inunda en épocas de lluvias intensas. Se sospecha de daños en la subbase del pavimento. Se requiere una actualización de la infraestructura de aguas pluviales para resolver este problema recurrente. Esto beneficiará a unas 1,912 personas en el grupo de bloques 720252007001 que utilizan esta calle para acceder las diferentes áreas de Caribe Gardens. | Calle Juracán, Urb. Caribe Gardens, Barrio Tomás de Castro | \$315,000.00 | | Programa 404 FEMA | | | 18.23261 | -66.01471 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | La carretera se inunda debido a la falta de capacidad de alcantarilla. La inundación también causa desprendimiento de headwall y erosión del suelo. El Municipio propone ampliar la alcantarilla. También puede ser necesario un estanque de retención en el sur de la Comunidad para desviar las aguas de inundación. Este proyecto se propone para beneficiar 20 propiedades, que pueden quedarse sin acceso durante un evento de lluvias intensas si la carretera continúa siendo afectada por la inundación. | La inundación afecta las calles Acerina y Esmeralda de la Comunidad Parcelas Botinquen Nuevas, en el Barrio Botinquen | \$262,000.00 | | Programa 404 FEMA | | | 18.18001 | -66.04161 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | La inundación causada por un arroyo no sólo impide el uso de esta calle durante eventos de lluvias severas, sino que también ha causado daños en el pavimento y sus cimientos. Se recomienda llevar a cabo mejoras al sistema de aguas pluviales. Este proyecto beneficiará a 3,447 personas de los grupos de bloques 720252028001 y 72025203002, cuyo transporte se ve afectado por los casos de lluvias severas antes mencionados. | Calle # 1, intersección con Avenida Turabo, Urb. Turabo Gardens, Barrio Cañaboncito | \$110,000.00 | | Programa 404 FEMA | | | 18.21911 | -66.05781 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | La inundación de un arroyo deja dos pequeños puentes vados bajo el agua. Esto afecta a 5 casas dejando a esas familias varados en tiempos de fuertes lluvias. La solución es ampliar la capacidad de los puentes vados o adquirir esas 5 casas para que las familias puedan mudarse a un lugar más seguro. | Calle # 11, Comunidad La Barra, Barrio Río Cañas. | \$315,000.00 | | Programa 404 FEMA | | | 18.27981 | -66.04831 | 100-year flooding | La acción propuesta cumple con el Plan de Mitigación de Riesgos Múltiples de Caguas (revisión de 2016), Objetivo # 2, "Proteger la vida y la propiedad" incluye la construcción de diques, canales, muros de contención y desagües. También cubre en la Tabla 3-1, Actividad # 17, Página 3-17: "aumentar la adición de áreas naturales protegidas en el Municipio Autónomo de Caguas en función de la adquisición, restricción del uso o protección de áreas inundables o susceptibles a deslizamientos de tierra". |
| Caguas | Municipality | 07/07/20 | La inundación de un arroyo sin nombre afecta a una calle adyacente y propiedades residenciales. Se sospecha de daños en la subbase del pavimento. Se propone la construcción de un muro de gaviones para estabilizar las orillas del arroyo sin nombre para proteger la avenida Las Gaviotas y las 18 propiedades residenciales cercanas del riesgo de erosión. El proyecto será de beneficio para los 1,325 habitantes del Grupo de Bloques 720252003041, que pueden quedar varados si la Avenida Las Gaviotas sigue siendo afectada por la erosión. | Quebrada sin nombre adedaña a Avenida Las Gaviotas a la altura de la Urb. Estancias de Bairoa, en el Barrio Bairoa. | \$315,000.00 | | Programa 404 FEMA | | 330 metros | 18.2521 | -66.04431 | 100-year flooding | La acción propuesta cumple con nuestro Plan de Mitigación de Riesgos Múltiples de Caguas (revisión de 2016) Objetivo # 2: Proteger la vida y la construcción de propiedades de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | La inundación de un camino en la Comunidad La Barra deja como la única alternativa para llegar al Centro Urbano de Caguas la PR-795 a través del pueblo de Aguas Buenas. Las acciones de mitigación requeridas incluyen: Ampliación de alcantarilla, también puede requerir construcción de diques, canales, muros u otras medidas de control de inundaciones. Si esta alcantarilla se amplía para mantener el camino abierto durante una inundación, esto beneficiará a 1,787 personas del grupo de bloques 720252009001. | Calle # 2, Comunidad La Barra, Barrio Río Cañas. | \$582,000.00 | | Programa 404 FEMA | | | 18.28131 | -66.04471 | 100-year flooding | La acción propuesta cumple con nuestro Plan de Mitigación de Riesgos Múltiples de Caguas (revisión de 2016) Objetivo # 2: Proteger la vida y la construcción de propiedades de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | La inundación del río Bairoa erosionó el patio de 5 casas adyacentes y daña la carretera de acceso a esta pequeña comunidad. Se necesita una combinación de acciones para abordar el riesgo identificado. Probablemente incluyen la construcción de un estanque de retención para desviar las aguas de inundación y la mejora de los otros elementos de alcantarillado pluvial. | Comunidad Valle Verde en el Barrio Bairoa | \$582,000.00 | | Programa 404 FEMA | | | 18.25591 | -66.046301 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Las inundaciones de Río Caguas causan la erosión de sus orillas. Esto afectó a los patios de varias residencias adyacentes al río. El Municipio propone la construcción de un muro de gaviones para estabilizar la orilla del río y proteger las casas de más daños. Esta acción beneficiará a 3 familias con casas adyacentes a un segmento de 80 metros del río. | Calle Aragón, Urb. Terralinda, Barrio Pueblo | \$582,000.00 | | Programa 404 FEMA | | 80 metros | 18.23711 | -66.04421 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|
| Caguas | Municipality | 07/07/20 | Las inundaciones de Río Turabo causan la erosión de sus bancos. Esto afectó a los patios de varias residencias adyacentes al río. El Municipio propone la construcción de un muro de gaviones para estabilizar la orilla del río y proteger las casas de más daños. Esta acción beneficiará a 12 familias con casas adyacentes a un segmento de 200 metros del río. | Calle Barbón, Urb. Villa del Rey-1ra Sección, Barrio Turabo | \$582,000.00 | | Programa 404 FEMA | | 200 metros | 18.20681 | -66.04191 | 100-year flooding | Proyecto atiende Plan Municipal de Mitigación de Peligros Múltiples (Revisión del Huracán María) Caso 51 del Anejo 1. |
| Caguas | Municipality | 07/07/20 | Las inundaciones de Río Turabo causan la erosión de sus bancos. Esto afectó a los patios de varias residencias adyacentes al río. El Municipio propone la construcción de un muro de gaviones para estabilizar la orilla del río y proteger las casas de más daños. Esta acción beneficiará a 6 familias con casas adyacentes a un segmento de 80 metros del río. | Avenida Luis Muñoz Marín, Urb. Villa Carmen, Barrio Turabo | \$582,000.00 | | Programa 404 FEMA | | 80 metros | 18.21291 | -66.04071 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Caguas | Municipality | 07/07/20 | Las inundaciones del río Caguaitas causan daños a la casa E-18, específicamente causa erosión de la parcela, esta erosión ha causado hundimiento y agrietamiento de la estructura. Por eso el Municipio quiere adquirir y demoler la estructura dañada. | Calle #1, E-18, Urb. Bonnevile Heights II, Barrio Cañabonico (Número de Catastro 225-052-987-43-001) | \$105,000.00 | | Programa 404 FEMA | | 490.29 m2 | 18.23111 | -66.05341 | 100-year flooding | Proyecto atiende Plan Municipal de Mitigación de Peligros Múltiples (revisión 2016) Cuadro 3-1, Actividad # 17, "aumento en la recolección de áreas naturales protegidas en el Municipio Autónomo de Caguas basado en la adquisición, restricción en el uso o protección de áreas inundadas o susceptibles a deslizamientos de tierra". Este caso particular también se identificó en la versión original de nuestro Plan Municipal de Mitigación de Peligros Múltiples (página 20). "La acción erosiva de las aguas del río creció continuó socavando la pendiente en la base de la terraza causando la exposición de una parte sustancial de los cimientos de la casa. |
| Caguas | Municipality | 07/07/20 | Los deslizamientos de tierra en este sector han causado daños a 3 viviendas. El municipio está interesado en adquirir estas viviendas para que estas familias puedan reubicarse. Esta acción beneficiará a 3 familias que necesitan una vivienda segura. | PR-1, Comunidad Las Piñas, Barrio Beatriz | \$315,000.00 | | Programa 404 FEMA | | | 18.16741 | -66.09111 | Rain Induced Landslides | Proyecto atiende Plan Municipal de Mitigación de Peligros Múltiples (revisión 2016) Cuadro 3-1, Actividad # 17, "aumentar las áreas naturales protegidas en el Municipio Autónomo de Caguas basado en la adquisición, restricción en el uso o protección de áreas inundadas o susceptibles a deslizamientos de tierra". |
| Caguas | Municipality | 07/07/20 | Un movimiento lento del terreno afecta a las casas de esta comunidad. Las casas dañadas tuvieron que ser abandonadas por sus dueños. El Municipio propone la adquisición de 4 propiedades y la demolición de las estructuras como solución para ayudar a esas familias. | PR-784, Parcelas Cañabonico, en el Barrio Cañabonico | \$630,000.00 | | Programa 404 FEMA | | | 18.21081 | -66.07421 | Rain Induced Landslides | El proyecto atiende nuestro Plan Municipal de Mitigación de Peligros Múltiples (revisión 2016), en particular la Tabla 3-1, Caso 17, Página 3-29. |
| Caguas | Municipality | 07/07/20 | Un puente sobre el río Bairoa se inunda en tiempos de fuertes lluvias. Esto deja 40 hogares sin acceso. Por lo tanto, la construcción de un nuevo puente es necesaria para salvaguardar el transporte para estas familias. | Primer puente en Camino Los Reyes, Sector Las Carolinas en Barrio Bairoa | \$1,225,000.00 | | Programa 404 FEMA | | | 18.25731 | -66.06931 | 100-year flooding | Este proyecto atiende el Plan Municipal de Mitigación de Peligros Múltiples (Revisión del Huracán María) Caso 31 del Anejo 1. |
| Caguas | Municipality | 07/07/20 | Un segundo puente sobre el río Bairoa se inunda en tiempos de fuertes lluvias. Esto deja 40 hogares sin acceso. Por lo tanto, la construcción de un nuevo puente es necesaria para salvaguardar el transporte para estas familias. | Segundo puente en Camino Los Reyes, Sector Las Carolinas en Barrio Bairoa | \$1,530,000.00 | | Programa 404 FEMA | | | 18.25891 | -66.07051 | 100-year flooding | Este proyecto atiende el Plan Municipal de Mitigación de Peligros Múltiples (Revisión del Huracán María) Caso 32 del Anejo 1. |
| Caguas | Municipality | 07/07/20 | Una carretera local se inunda en el punto donde pasa sobre un arroyo sin nombre, debido al pequeño tamaño de la alcantarilla pluvial. Esta inundación limita el acceso a unas 11 residencias en tiempos de lluvias intensas y causa daños a una inadecuada infraestructura de aguas pluviales. Es por eso que se deben realizar mejoras a dicho alcantarillado. | Comunidad La Palmera en el Barrio Tomás de Castro | \$315,000.00 | | Programa 404 FEMA | | | 18.21291 | -66.02801 | 100-year flooding | Cumple con nuestro Plan Municipal de Mitigación de Riesgos (versión 2016), Objetivo # 2: Proteger la vida y la propiedad: construcción de diques, canales, muros de contención, desagües y otras obras para proteger las propiedades. |
| Camuy | Municipality | 07/13/20 | Colocar gaviones carretera Coco Whiskey, Carr. 486, Km. 14.5 interior, para evitar desprendimiento de terreno hacia precipicio | Ba. Quebrada, Carr. 486, Km. 14.5 interior | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Construcción de dunas para evitar inundaciones en facilidades municipales de la Villa Pesquera | Ba. Membrillo | \$50,000.00 | | | \$50,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Construcción de puente en hormigón para evitar que escorrentía pluvial derumbe la carretera | Ba. Quebrada, Sector Echegaray, Puente Los Méndez | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Demoler piedra detrás de residencia, para evitar que ante un deslizamiento provoque daños a la vivienda | Barrio Quebrada, Sector Los Figueroa | \$5,000.00 | | | \$5,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Erosión de terreno detrás de vivienda Carlos Rosado, mejoras al terreno erosionado por quebrada, para evitar deslizamiento de terrenos y viviendas. | Barrio Quebrada, Sector Parcelas viejas | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Estudio de estructuras para evitar inundaciones | Ba. Pueblo, Sector Pueblo Norte | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Instalación de loza de hormigón y vallas de seguridad en la carretera de la quebrada Angelina | Barrio Santiago, Sector Vega | \$500,000.00 | | | \$500,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Instalación de vallas de seguridad y reconstrucción de camino en asfalto en quebrada del infierno | Barrio Santiago, Sector Vega | \$50,000.00 | | | \$50,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Limpieza de la zanja maestra para evitar inundaciones | Ba. Pueblo, Sector Pueblo Norte | \$1,000,000.00 | | | \$1,000,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejorar sistema pluvial en parcelas, para evitar derumbe de calle Los Cubo | Ba. Cibao | \$200,000.00 | | | \$200,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras a la entrada del camino Sector Amador (PR 4491), la cual se queda incomunicada por la crecida del Río Camuy. Se afectan 25 familias | Ba. Pueblo, camino Sector Amador (PR 4491) | \$1,000,000.00 | | | \$1,000,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras a la infraestructura pluvial del camino conector entre PR 4119 y PR 485 | Ba. Yeguada, frente al paltero Brisas del Mar | \$150,000.00 | | | \$150,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras al puente para evitar que escorrentías inunden el camino | Barrio Quebrada, Puente Quira del Río | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras al terreno para evitar deslizamiento en la carretera que une los barrios Cibao y Puertos, a través del sector Soller | Ba. Cibao y Ba. Puertos | \$500,000.00 | | | \$500,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras para aumentar capacidad de desagüe en el alcantarillado de la Urb. Estancias de Membrillo | Ba. Membrillo, Urbanización Estancias de Membrillo | \$250,000.00 | | | \$250,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras pluviales para evitar corrientes pluviales detrás del Parque de Pelota | Ba. Membrillo | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras pluviales para evitar hundimiento de carretera hacia Puertos | Ba. Cibao | \$200,000.00 | | | \$200,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras pluviales, construcción de cuentones e instalación de gaviones, para evitar deslizamiento | Barrio Santiago, Sector Amado Méndez | \$200,000.00 | | | \$200,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Mejoras pluviales, construcción de cunetes e instalación de gaviones, para evitar deslizamiento en carretera antigua escuela hacia Sorondo | Ba. Santiago, Sector Vega | \$200,000.00 | | | \$200,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Reubicación de tubería sanitaria en puente la bellaca | Ba. Yeguada | \$100,000.00 | | | \$100,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Remoción de asfalto y construcción de puente en hormigón, para evitar que escorrentía pluvial derumbe la carretera | Barrio Quebrada, Sector Puente, Parcelas Nuevas | \$200,000.00 | | | \$200,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Remoción de piedra e instalación de malla de seguridad en mogote | Ba. Abra Honda, Sector El Risco, Carr. 486, Km. 7.1 | \$1,000,000.00 | | | \$1,000,000.00 | | | | | |
| Camuy | Municipality | 07/13/20 | Reparación de dunas en la zona costera, para evitar inundaciones | Ba. Pueblo | \$100,000.00 | | | \$100,000.00 | | | | | |
| Canóvanas | Municipality | 07/10/20 | Agriculture Mitigation Program - The Municipality of Canóvanas owns an Agriculture Business Incubator and Accelerator, that provide the tools and technical advisory to the farmers, to help them develop their agricultural business. Thru this center the municipality will grant donations to the farmers for mitigation agricultural projects. The aim of this program is collaborate in the food safety thru the mitigation in the farms. | PR-901 Km 1.3, Las Yayas, Canóvanas | \$200,000.00 | | | | 0.93 acres | 18.288269 | -65.877542 | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|--|
| Canóvanas | Municipality | 07/10/20 | Bridge elevation at Moreno Community - The proposed project consist in the elevation of the bridge to a proper height. The municipality also suggests the addition of 239 linear meters of gabion banks (north and south of the bridge) downstream. Hydraulic and Hydrologic (H&H) study required. Moreno is a community with over 100 residences. The only access to this community is the Moreno Bridge that crosses the Canóvanas River. When heavy rainfalls occur, the road becomes inaccessible, avoiding the access to and from the community until flooding recedes. This also impedes emergency assistance if needed during a flood event. The other problem this community faces the erosion caused by the river is risking the integrity of one of the main municipal roads. These measures can guarantee the residents of Moreno Community proper access and ease emergency assistance whenever needed. | PR-185 km 6.8 | \$2,500,000.00 | | | | 240 meters | 18.326531 | -65.888824 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Flood Control Project. "Las Villas" and Monte Verde Communities in San Isidro Sector - As a flood control project at "Las Villas" and Monte Verde a 1,900 linear meters green infrastructure levee surrounding the community has been proposed in several occasions. This includes the installation of open manholes and the relocation of around 150 houses. The project will result in a safe environment for the life and property of more than 1,500 families. | The potential project site is located at San Isidro sector, Municipality of Canóvanas, PR | \$45,000,000.00 | | | | 1,900 linear meters | 18.392413 | -65.896465 | 100-year flooding | For this project are available studies from USACE. |
| Canóvanas | Municipality | 07/10/20 | Flood Risk Reduction Project at Campo Rico - The potential mitigation solution is a flood control project through an efficient storm drainage, infiltration basin, installation of a pumping system, and implementation of flood proofing techniques. This could be done under the baseball field and a trough the parking lot in order to drain to the river. The evaluation should include an H-H study, and an adequate engineering design. This project will mitigate flooding and damages to property, providing also safety to lives. The community center could be used as water purification mission or as a point of distribution sooner. | PR-185 Km 5.4 | \$1,440,000.00 | | | | 8.26 acres | 18.338878 | -65.889461 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Flood Risk Reduction Project at Country View Community -The drainage capacity of the ditch has become insufficient causing flooding in the rest of the community during heavy rain periods. The proposed potential project to develop is to upgrade the capacity of the existing ditch with a green infrastructure channeling. The proposed projects will improve the drainage of the system, avoiding debris clogging and preventing future flooding. Hydraulic and Hydrologic Studies are required. | Final Corchado Street | \$3,000,000.00 | | | | 550 meters | 18.382333 | -65.902696 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Flood Risk Reduction Project at PR-962 - During the last flooding events, including hurricane María, the catch basin overflows into the street leaving without access to essential services more than 1000 families. It also floods some streets at a residential area where the pipe goes through to reach the Canóvanas River. As a flood control project, a box culvert is proposed to increase the capacity. An Hydraulic-Hydrology Study is needed. This will prevent flooding in the area and will bring back safety to more than 1000 families from River Valley, River Valley Park, Ciudad Jardin, Forest Plantation, which will have direct access to essential services, even at events of heavy rains. | Pr-962 Km 5.4 | \$1,500,000.00 | | | | 40 meters | 18.362184 | -65.89354 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Flood Risk reduction project at the Canovanillas River - To avoid the overflow precipitation leaving areas of the Loiza Valley community flooded. This projects includes two bioretention ponds and a Hydrologic and Hydraulic Study (H&H) to determine the proper design. The project will bring safety to lives and property to hundreds of families at Loiza Valley. | Urb. Loiza Valley Reina de las Flores Street | \$4,000,000.00 | | | | 1,300 meters | 18.37192 | -65.896473 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Flood Risk Reduction Project at Villa Tiro Community - Floods occur constantly with heavy rain at Street 21 all through Street 10 at Villa Tiro area in San Isidro community. More than 100 families got affected every time. The flooding control project will increase the capacity of the existing stormwater system by replacing the pipes and adding box culverts with catch basins. To determine the capacity of the new runoff collection system, an Hydrologic-Hydraulic Study will be required. More than 100 families from this community will feel safer. Lost of property won't be a worry, and rescue efforts will be directed to another areas. | Villa Tiro Community, Street 10, San Isidro | \$3,000,000.00 | | | | 50 meters | 18.394358 | -65.879845 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Flood Water Divert and Storage to Floodplain with the use of Retention Ponds at the Canóvanas River - To avoid the flooding in the community Quintas de Canóvanas and surrounding communities, we propose the construction of a series of bioretention ponds with the necessary studies for its development. This will mitigate the flooding problem, promote recreational activities for the community and possible economic benefits through the eventual establishment of new activities. | Quintas de Canóvanas Final Main Street | \$5,600,000.00 | | | | 95 acres | 18.369211 | -65.896473 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Green Roofs - To reduce the greenhouse effect, the amount of water that reaches the runoff, and promote the urban agriculture as a mechanism to address the food security. This project will take place in city buildings and schools located at the urban center. | City Hall Building, Luis Hernaiz Veronne School, Antonio R. Barceló School, Center for Diagnosis and Treatment and Hostos School | \$500,000.00 | | | | 14.5 acres | 18.378683 | -65.90079 | High Temperature | |
| Canóvanas | Municipality | 07/10/20 | Hardening and Retrofit Emergency Management Office and Police Department - The Emergency Management Office and the Municipal Police Department are key departments for the continuity of operation after any risk. Is important that those building have the capacity for the continuity of operations and the essentials tools. This project aims to hardening and retrofit the Emergency Management Office and the Police Department to help reduce or eliminate damages to the building, and also to avoid disruptions to the operations. | Auonomia Street Final (PR-185 Km 0.4) | \$1,500,000.00 | | | | 1.86 acres | 18.375507 | -65.9000683 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Hardening and Retrofitting communication stations - To ensure the communication after any risk, is important that the communications stations in the city has an stable structure. This project aims hardening and retrofit the structure of the communication station in Palma Solo and Campo Rico to mitigate the communication during any event. Hardenind and retrofit projects will help reduce or eliminate building and content damages, and also disruption to communication operations. | PR-185 Km 7.2 (Campo Rico) and PR 957 Km 3.9 (Palma Solo) | \$1,500,000.00 | | | | 0.43 acres | 18.322824 (Campo Rico) and 18.320317 (Palma Solo) | -65.889243 (Campo Rico) and -65.871043 (Palma Solo) | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Hardening and Retrofitting of Coliseo Carlos Miguel Mangual - The Carlos Miguel Mangual Coliseum is a multiuse building that is used as a Point of Distribution on a emergency scenario. The objective of this project is to hardening and retrofitting the coliseum to impact all of the city residents. This project will include: energy solar system and water collection system. This hardenind and retrofitting project will help reduce or eliminate damages to the building, and also to avoid disruptions to the emergency operations. | PR-3 Km 20.4 | \$1,000,000.00 | | | | 4.39 acres | 18.377428 | -65.871962 | Multi-Hazard Mitigation | |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|---|--|--|--|
| Canóvanas | Municipality | 07/10/20 | Historical Preservation Plan - The Municipality of Canóvanas own three (3) of four (4) historical buildings in the city (Old Sugar Cane Mill, Villarán Bridge, Jesús T. Piñero House and the City Hall). The three (3) historical properties of the municipality are in flood zone, and two (2) are close to the two main rivers in Canóvanas (Rio Grande de Loíza and Canóvanas River). This Plan aims to preserve and develop the four historical buildings and its adjacent areas. | Old Canóvanas Sugar Mill (PR-951 Km 2.2) Villarán Bridge (Final Palmer Street (PR-9959 Km 2.4)), the City Hall building (Muñoz Rivera Street) and House Museum Jesús T. Piñero (PR-3 km 16.3) | \$20,000.00 | | | | 50 acres | 18.393101 (Old Canóvanas Sugar Mill) 18.379267 (Villarán Bridge) 18.378710 (City Hall) 18.376747 (House Museum Jesús T. Piñero) | -65.912129 (Old Canóvanas Sugar Mill) -65.892099 (Villarán Bridge) -65.900802 (City Hall) -65.909682 (House Museum Jesús T. Piñero) | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Improvement of the Municipal Storm Sewer System - The urban center Storm Sewer System, drain to a series of channels that finish in the Rio Grande de Loíza. This quadrant has significant impervious surfaces, that reduce the infiltration area. The developed areas create more water that arrives into the channels much more quickly, resulting in an increased likelihood of more frequent and sever flooding. The purpose of this project is to improve the actual storm sewer system with the integration of green infrastructure to create infiltration areas, to prevent flooding and to better manage the runoff water. | Canóvanas Urban Center | \$10,000,000.00 | | | | 166 acres | 18.379128 | -65.901035 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Microgrid- The potential project consists of purchasing 1 CHP Reciprocating Generator, with all their necessary components to create a microgrid, where all the Critical Facilities located in the downtown can be connected to an efficient system through underground electric power lines. This microgrid can be used continuously for more than 365 days. For critical infrastructure far from the urban area, individual generators or other type of backup energy supply should be considered. This project aim to mitigate the risk of losing a lot of essential services for the municipal of Puerto Rico. The proper implementation of the proposed mitigation activity will guarantee the people of Puerto Rico to continue receiving the critical services required for their day to day living. | Canóvanas Urban Center | \$2,000,000.00 | | | | 166 acres | 18.379128 | -65.901035 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Multihazard Retrofitting of Existing Buildings - The project consists in the installation of roll-up storms shutter systems, safety windows and other improvements to the municipal buildings. The primary goal is to protect them from future events and ensure that response activities and continuity of services remain unaffected. | Canóvanas City Hall, Federal and Planning Office, Emergency Management Office, Police Department Office, Municipal Legislature Office, Sport Department Office, Public Works Office, Geeral Service Office, (2) Ederly Center (Cubuy and Urban center), (3) Library (La central, San Isidro and Campo Rico), Center for Diagnosis and Treatment, Revenue Office, Calle Palmer Terminal and Multituse Building | \$1,200,000.00 | | | | 13.36 acres | 18.378683 | -65.90079 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Safe Room Construction - To provide life-safety protection during an extreme-wind event, like tornados and hurricanes. Other potential benefits can involve multiple, uses for the community such as a community basketball court, music room, community center, disaster recovery center and food distribution center. | (1) Las 400tas Basketball Court - Final street 1, Las 400tas (2) Cubuy Activity center - PR-186 km 8.2, (3) Campo Rico Sport Complex - PR-186 km 5.4, (4) Basketball Court José "Pito Montes - PR957 Km 3.9, (5) Monte Vede Basketball Court - Final Street 10, Monte Verde, (6) Leo Gómez Basketball Court - Street 1, Parcelas Viejas, San Isidro, (7) Ext. Jardines de Palmarejo Basketball Court - Street 17, Ext. Jardines de Palmarejo, San Isidro, (8) Brisas de Loíza Basketball Court Nido Street corner Gaviota Street, Brisas de Loíza, La Central | \$1,800,000.00 | | | | 20 acres | (1) Las 400tas Basketball Court 18.269505 (2) Cubuy Activity center 18.267721, (3) Campo Rico Sport Complex 18.338878, (4) Basketball Court José "Pito Montes 18.320317, (5) Monte Vede Basketball Court 18.391615, (6) Leo Gómez Basketball Court 18.397096, (7) ext. Jardines de Palmarejo Basketball Court 18.391839, (8) Brisas de Loíza Basketball Court 18.394101 | (1) Las 400tas Basketball Court - 65.9146675 (2) Cubuy Activity center -65.867966, (3) Campo Rico Sport Complex -65.889461, (4) Basketball Court José "Pito Montes -65.871043, (5) Monte Vede Basketball Court - 65.893536, (6) Leo Gómez Basketball Court -65.885220, (7) Ext. Jardines de Palmarejo Basketball Court -65.880152, (8) Brisas de Loíza Basketball Court -65.926074 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Slope stabilization - The location, topography, soil type, precipitation and geology, provokes landslides during long periods of precipitation in the rural areas of Canóvanas. Those landslides occurred without warning and endangering life and property. The propose of the project is to stabilize the slope with using green infrastructure in Las 400tas, Los Cafés, Lomas and Cambalache communities. A geology studie is require to the proper dising of those projects. | PR-962 Km 0.0-0.5, PR-186 Km 0.0-2.0, PR-186 Km 5.0-7.0 and Los 400tas Final Street 1 | \$2,000,000.00 | | | | 5,000meters | 18.60924 (PR-962 Km 0.0-0.5) , 18.302232 (PR-186 Km 0.0-2.0), 18.277238 (PR-186 Km 5.0-7.0) and 18.266495 (Las 400tas Final Street 1) | -65.898337 (PR-962 Km 0.0-0.5) , -65.889774 (PR-186 Km 0.0-2.0) , -65.883133 (PR-186 Km 5.0-7.0) and -65.904049 (Las 400tas Final Street 1) | Rain Induced Landslides | |
| Canóvanas | Municipality | 07/10/20 | Solid waste transfer station - After natural events or prolonged periods of rain it's necessary to place all the debris in one place for further transfer to the dump that is far from the city. This will help restore back to normality the communities and will contribute to the health of our people. | San Isidro Industrial Park Street 4 #52, San Isidro | \$3,000,000.00 | | | | 1.40 acres | 18.384064 | -65.878759 | 100-year flooding | |
| Canóvanas | Municipality | 07/10/20 | Upgrading the community water and energy infrastructure - After natural events the "Las 400" community gets isolated and devoid of basic services for life. This project will upgrade the community water and energy system to be resilient to natural events. | Las 400tas Community PR-185 km 15.8 | \$300,000.00 | | | | 68 acres | 18.269162 | -65.914787 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Urban Planning Code - The code seek to standarize the elements that interact with the public use in the urban center, as architectural barriers, signage, balconies and others, that are the main causes of risk to the residents and visitors. Some of the references for the code will be the followings: "Reglamento de Ordenación de la Infraestructura en el Espacio Público (Reglamento de Planificación Núm. 22)" and Planning and Urban Design Standards of the American Planning Association (APA). | Canóvanas Urban Center | \$30,000.00 | | | | 166 acres | 18.379128 | -65.901035 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Warning Alert System - It's an integrated community alert system that includes the installation of multi-hazard alarms in vulnerable communities and smart poles that will illuminate the emergency exit routes to the population in case of a natural event. The system will also include a mobile phone alert messages. | Municipality of Canóvanas | \$1,000,000.00 | | | | 21.123 acres | 18.296096 | -65.872257 | Multi-Hazard Mitigation | |
| Canóvanas | Municipality | 07/10/20 | Wetlands Park - To reduce the flood risk in the urban center, we will use an actual wetland that will receive runoff waters and serve to promote the good use of our natural resources and the passive recreation of our population and visitors. | PR-9959 Km 0.3 (Final Palmer Street) | \$2,000,000.00 | | | | 8.24 acres | 18.376853 | -65.904743 | 100-year flooding | |



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| Carolina | Municipality | 07/10/20 | During the incident period of September 17, 2017 through November 15, 2017, Declared on September 20, 2017, Hurricane Marie (DR-4339) produced heavy rain and wind causing mudslides, flooding, and various accumulation of debris throughout Puerto Rico as a Category 5 Hurricane with 155-200 MPH sustained winds. Flooded TRAns, right of ways, walkways and publicly maintained properties became impassable for emergency vehicles and access to critical facilities, creating an immediate threat to lives, public health, safety and improved property. GMAC in agreement with FEMA carried out hydrologic and hydraulic (HH) studies for the evaluation of preliminary designs. | See attached sheet 139145-Cermon Gonzalez Bridge Lot. 18.32047 Long. -65.3899 D139175-Hipolito Medero Bridge PR 857 Km 4.8 Bo. Canovaniillas Lat. 18.31896 Long. -65.94265 D141460-Los Brillones Bridge Bo Barrazas PR 853 Km 7.9 Lot. 18.32741 Long. -65.93951 D139172-Los Calos Bridge PR 853 Km. 8.7 Lot. 18.32021 Long. -65.94096 D139167-Los Cuba Bridge Bo Barrazas PR 853 Km. 7.0 Lot. 18.33345 Long. -65.94094 D139169-Los Figueroa Bridge Bo Barrazas PR 853 Km. 7.3 Lot. 18.32846 | \$12,000,000.00 | | FEMA - Public Assistance Grant Program DR 4339 PR | \$- | | | | | 100-year flooding | |
| Carolina | Municipality | 07/10/20 | Existing riprap to the west side of the balneario de Carolina beach, to control the high energy swell area and prevent the erosion. This measure need to be combined with artificial reefs and / or marine walls that help to reduce the energy and capture sand to mitigate the erosion. Mitigation strategies should be evaluated according to the potential impact on the coast and existing infrastructure. The mitigations strategies for the Balneario protection are very importance for the economic development of the country. This resource represents one of the main tourist and attractions and economic development | Carolina Public Beach Boca de Cangrejos S1 PR-187 Carolina PR 00979 GPS Latitude/Longitude: 18.44680, -66.00000 | \$10,000,000.00 | \$800,000.00 | Federal Emergency Management Agency, United State Corps of Engineers | \$800,000.00 | 6272 | -66.015976 | 18.4393405 | Multi-Hazard Mitigation | In the eastern end of Balneario de Carolina beach there is a riprap that protects part of that sector of the beach. Further to the west, where there is no riprap, erosion problems have been detected that put at risk a significant part of the beach as well as facilities belonging to the Municipal beach resort. | |
| Carolina | Municipality | 07/10/20 | Frequent flooding occurs within the municipality downtown area. These flooding is attributed to the limited capacity of the storm sewer system, dike valves malfunctioning or a combination of the two. In any of the cases, flooding occurs when stormwater cannot find its way out to the RGL watercourse. Its most recent flooding occurred during Hurricane Maria event where the storm sewer system did not work properly, resulting in severe flooding that affected local communities and closed public services. The purpose of this project is to improve the storm sewer system capacity to reduced the flooding hazard and protect the human life and critical facilities such as but not limited to municipal hospital property. The GMAC in agreement with FEMA carried out a hydrologic and hydraulic (HH) study and preliminary design of a retention pond and a sewer type rainwater pumping station. | The study area is located in Municipality of Carolina (GMAC) of the northeastern side of Puerto Rico, specifically at Martin González, Hoyo Mulos and Pueblo wards. The area is bounded on the north by José Severo Quiñones Avenue and Mukato Street, on the south by PR-3, on the west by Roberto Clemente Avenue, and on the east by the existing GMAC's Monserate dike, operated and maintained locally. The site can be accessed through State Road PR-3 which bounds the site along the south. | \$8,000,000.00 | \$350,000.00 | FEMA - Public Assistance Grant Program DR 4339 PR | \$700,000.00 | The ponded water covers an area of approximately 6.12ac (24,779m2) | -65.95544 | 18.38099 | 100-year flooding | | |
| Carolina | Municipality | 07/10/20 | The potential mitigation solution for the existing condition is the construction of a berm, levee or floodwall on the banks of the Quebrada Lagrimita to protect against potential flooding in the Lomas de Carolina neighborhood; acquisition or relocation of structures or properties; improvements to the stormwater system; installation of a pumping system; and the implementation of floodproofing techniques. It is necessary to evaluate and have recommendations about the flood problem associated with the creek. The evaluation should include a benefit-cost analysis of the mitigation strategies. | Yunquecito Street is the access point to Lomas de Carolina, which is frequently flooded by water that rises between four and five feet in height. These floods affect more than twenty houses from Pto St. to PR-853 and the access road to Barrazas I Aqueduct and Sewer Authority facility that provides water to the rural area of Carolina. However, during Hurricane Maria, approximately 150 structures were affected in the streets: Cerro Chico, Cerro Punta, Los Picachos Int. PR-853 road, 51A, and 52A. This measure attends to prevent this problem from recurring. | \$3,618,800.00 | | | \$- | | -65.945477 | 18.373866 | Multi-Hazard Mitigation | | |
| Carolina | Municipality | 07/10/20 | The potential mitigation solution for the existing condition is the construction of a berm, levee or floodwall on the banks of the Quebrada Lagrimita to protect against potential flooding in the Lomas de Carolina neighborhood; acquisition or relocation of structures or properties; improvements to the stormwater system; installation of a pumping system; and the implementation of floodproofing techniques. It is necessary to evaluate and have recommendations about the flood problem associated with the creek. The evaluation should include a benefit-cost analysis of the mitigation strategies. | Yunquecito Street is the access point to Lomas de Carolina, which is frequently flooded by water that rises between four and five feet in height. These floods affect more than twenty houses from Pto St. to PR-853 and the access road to Barrazas I Aqueduct and Sewer Authority facility that provides water to the rural area of Carolina. However, during Hurricane Maria, approximately 150 structures were affected in the streets: Cerro Chico, Cerro Punta, Los Picachos Int. PR-853 road, 51A, and 52A. This measure attends to prevent this problem from recurring. | \$3,618,800.00 | | | \$361,880.00 | | -65.945477 | 18.373866 | Multi-Hazard Mitigation | | |



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| Carolina | Municipality | 07/10/20 | <p>The potential solution includes a structural assessment of the Monserrate flood control system (berm and the concrete floodwall) and a hydrological-hydraulic study. This flood control system was designed with the information available several decades ago. Also, the hydraulic models used to point out the height of the base flood used the available topographic information dating back more than 50 years. Now, the topographic modifications, the lowlands filling, and the waterproofing and deforestation of the watersheds draining have increased the magnitude and potential frequency of the floods.</p> <p>In recent years, flooding in the alluvial plain of the Rio Grande de Loiza exposed the possible limitation of the Monserrate flood control system (berm and the concrete floodwall), and it's capacity to contain the waters if an extreme event occurs. In the recent floods, the waters have reached the edge of the floodwall, and the communities: Villa Justicia, Villa Esperanza, and Villa Caridad had to be evacuated to avoid potentially dangerous situations and loss of life.</p> | PR-3 road (Julia de Burgos Bridge) and extends northward along the river's flooded valley. The area contains passive and active recreational facilities such as Aquasol, Julia de Burgos Mausoleo, street crossing bridge "Puerta de la Carolina" and others. Project Address | \$7,000,000.00 | 120000 | FEMA - Public Assistance Grant Program DR 4339 PR | \$1,200,000.00 | 3554 | 18.407329° | -65.966673° | Multi-Hazard Mitigation | The Monserrate flood control system was designed with the information available several decades ago (initial data - Technical Paper Number 42). The statistical information used for this document is now obsolete, and this could underestimate the magnitude and frequency of rainfall events. The levee or berm (compacted earthen structure) and concrete floodwall runs from the north of the west abutment of the bridge over the Rio Grande de Loiza on the PR-3 road (Julia de Burgos Bridge) and extends northward along the river's flooded valley. |
| Cataño | Municipality | 07/10/20 | <p>Acquisition of properties and relocation of families out of flood hazard areas. The project will consist on the evaluation of all communities in Cataño to determine properties that have been suffering from repetitive losses during floods events. A second evaluation will determine if the structure could be retrofitted to withstand new flood events (Example: Elevation of Structure) or if relocation is required. In the case of relocation, the first alternative will be within the community, and a second one will be in the municipality. The project will include acquisition or improvement of property within the community or municipality to relocate the families. Demolition of the dire structures, and the preservation of the land at perpetuity so that it could not be developed again as other use other than passive/recreational.</p> | Four (4) communities with approximately 2,100 housing units and a population of 4,400 persons require special attention due to its prone to flooding. Those are Las Cucharillas, Puente Blanco, Juana Matos, and La Puntilla. The project will benefit the whole municipality due to the improved quality of life of residents and environmental amelioration. | \$10,000,000.00 | \$100,000.00 | \$100,000.00-Municipality of Cataño | \$9,900,000.00 | 110 acres | 18.437473 | -66.13966 | 100-year flooding | The elimination of properties & the relocation of families out of floodable areas will preserve life, protect private and institutional property, enhance the quality of life, and will help in the reduction of flood hazard insurance rates. It will lower the local and state costs of responding to a flood emergency in the area and create green infrastructure for stormwater management. It will also prevent the runoff of nauseating waters due to the overflowed storm waters mix with the swage waters. It will also benefit Las Cucharillas Natural Reserve and the San Juan Bay Estuary by controlling the point source contaminants discharges provoked by the system overflow. It is per Courses of Action CPCB 10, WTR 18, WTR 19, WTR 20, WTR 21, and WTR 23. Reduces damages to public and private property from urban flood events and urban nuisance flooding to mitigate the discharge of contaminated stormwater runoff into bodies of water. The recommended mitigation project is in accordance with the Local Mitigation Plan Objective 1.1, 4.1, 4.2, and Activity #H8. |
| Cataño | Municipality | 07/10/20 | <p>An assessment and inventory of every structure on the municipality will be performed to identify exposition to hazards. The evaluation will include construction type, levels, approx. year of construction, geographic location, use, land use, occupancy status, ownership (private/public), assessed value, condition among other relevant information that could be of use to determine risk and probability of damage by a specified hazard. The assessment will be a joint effort between the municipal government and state agencies to share the findings so that they could be included in the macro hazard mitigation planning at state level.</p> | The Municipality of Cataño has a population of approximately 24,888, with 8,792 households in 10,654 housing units. | \$2,000,000.00 | \$25,000.00 | \$25,000.00-Municipality of Cataño | \$1,975,000.00 | 3,072 acres - land 1,408 acres - water | 18.436228 | -66.141299 | Multi-Hazard Mitigation | A detailed assessment and inventory will provide a clear picture of what to expect during any hazardous event, but most importantly, it will define the courses of action to mitigate and prevent future disasters. A well-informed community will be more resilient and prepared to take the necessary courses of action to prevent human losses and property damage. It is per Course of Action CPCB 1. Collect and analyze data on hazards, environmental risks, housing, infrastructure, economic barriers, and preparedness by geography. The recommended mitigation project is in accordance with the Local Mitigation Plan Objective 1.1, 1.2, 2.1, 3.1 and Activity #T2, T3, T4, T6, M1, G1 & G2. The activities involve an assessment of all properties and structures in the municipality to identify its potential risk to hazards and the design & implementation of the required policies that could minimize or prevent future exposure to hazards. |
| Cataño | Municipality | 07/10/20 | <p>Juana Matos-The goal of this project is to increase and improve the stormwater infrastructure reducing the risk of flooding. The activity will be divided into 2 phases. Phase I will assess the capacity and condition of the existing storm drainage system, define system improvement or replacement needs, and the design of a cost-effective combination of storm sewer and open channel conveyance, improved pump stations and other flood protection measures to prevent future flooding up to the 100-year design storm. Phase II will implement the design.</p> | Juana Matos community is comprised of approximately 1,000 persons and 400 housing units. The community is continuously flooded in severe weather events due to its outdated stormwater system. | \$5,000,000.00 | \$2,000,000.00 | \$2,000,000.00 - FEMA | \$3,000,000.00 | 40 acres | 18.435736 | -66.132953 | 100-year flooding | The reduction of flooding in the community will preserve life, protect private and institutional property, improve the quality of life, and will help in the reduction of flood hazard insurance rates. It will lower the local and state costs of responding to a flood emergency in the area. It is per Courses of Action CPCB 10, WTR 18, WTR 19, WTR 20, WTR 21 and WTR 23. Reduces damages to public and private property from urban flood events and urban nuisance flooding to mitigate the discharge of contaminated stormwater runoff into bodies of water. The recommended mitigation project is in accordance with the Local Mitigation Plan Objective 1.1, 4.1, 4.2, and Activity #H2, H3, H4 & H10. The activities involve repair or construction of stormwater infrastructure, HH studies & open channel maintenance programs. |
| Cataño | Municipality | 07/10/20 | <p>La Puntilla-The project will be divided into 2 phases. Phase I will assess the capacity and condition of the existing storm drainage system (HH study), define system improvement or replacement needs, and the design of a cost-effective combination of pump stations and other flood protection measures to prevent future flooding up to the 100-year design storm. Phase II will implement the design.</p> | La Puntilla community is comprised of approximately 500 persons and 300 housing units. Every year the storm surges floods the area due to its outdated stormwater system. The goal of this action is to increase and improve the stormwater infrastructure reducing the risk of flooding. | \$2,500,000.00 | \$645,000.00 | \$600,000.00-FEMA \$45,000.00-Municipality of Cataño | \$1,855,000.00 | 35 acres | 18.443941 | -66.113125 | 100-year flooding | The reduction of flooding in the community will preserve life, protect private and institutional property, enhance the quality of life, and will help in the reduction of flood hazard insurance rates. It will lower the local and state costs of responding to a flood emergency in the area and create green infrastructure for stormwater management. It will also prevent the run-off of nauseating waters due to the overflowed storm waters mix with the swage waters. It will also benefit the San Juan Bay Estuary by controlling the point source contaminants discharges provoked by the system overflow. It is per Courses of Action CPCB 10, WTR 18, WTR 19, WTR 20, WTR 21 and WTR 23. Reduces damages to public and private property from urban flood events and urban nuisance flooding to mitigate the discharge of contaminated stormwater runoff into bodies of water. The recommended mitigation project is in accordance with the Local Mitigation Plan Objective 1.1, 4.1, 4.2, and Activity #H2, H3, H4 & H10. The activities involve repair or construction of stormwater infrastructure, HH studies & open channel maintenance programs. |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|--|
| Cataño | Municipality | 07/10/20 | Puente Blanco-The goal of this project is to provide the necessary stormwater infrastructure to reduce the risk of flooding. The activity will be divided into 2 phases. Phase I will assess the run-off capacity and hydrologic/hydraulic conditions for the storm drainage system, define system needs, and the design of a cost-effective combination of storm sewer and open channel conveyance, pump stations and other flood protection measures to prevent future flooding up to the 100-year design storm. Phase II will implement the design. | Puente Blanco community is comprised of approximately 700 persons and 300 housing units. The community is continuously flooded in severe weather events due to lack of stormwater system. | \$6,000,000.00 | \$2,000,000.00 | \$2,000,000.00 - FEMA | \$4,000,000.00 | 35 acres | 18.427193 | -66.134955 | 100-year flooding | The reduction of flooding in the community will preserve life, protect private and institutional property, enhance the quality of life, and will help in the reduction of flood hazard insurance rates. It will lower the local and state costs of responding to a flood emergency in the area. It is per Courses of Action CPCB 10, WTR 18, WTR 19, WTR 20, WTR 21 and WTR 23. Reduces damages to public and private property from urban flood events and urban nuisance flooding to mitigate the discharge of contaminated stormwater runoff into bodies of water. The recommended mitigation project is in accordance with the Local Mitigation Plan Objective 1.1, 4.1, 4.2, and Activity #H2, H3, H4 & H10. The activities involve repair or construction of stormwater infrastructure, HH studies & open channel maintenance programs. |
| Cataño | Municipality | 07/10/20 | The approximate 7 kilometers of Cataño waterfront is exposed to erosion and flooding caused by storm surge. The proposed project is the construction of a combination of a breakwater, rip-rap, and artificial reef (living breakwaters). The breakwater will attenuate the wave action and contribute to the deposit of material along the coastline. The rip-rap will help retention of material, and at the same time it will protect the shoreline. With the new technology of living breakwater, the aquatic conditions will be improved contributing to the improvement of the economy and public recreation. | The action will mitigate the wave action over the coast, contributes to the deposit of beach sand, it will increase the ecosystem life and protects private & institutional property as well as the utility infrastructure along the coastline which includes: roads, water & sewer, power, and communications. It will enhance the recuperation of the San Juan Bay Estuary by creating new aquatic habitats. The project will benefit the whole municipality but specifically Cataño Downtown, Bay View and Bahía residential development & crucial infrastructure. | \$20,000,000.00 | \$2,000,000.00 | \$2,000,000.00 - US Army Corps of Engineers | \$18,000,000.00 | 7,000 meters | 18.443863 | -66.130664 | Multi-Hazard Mitigation | It is in accordance with the Transformation and Innovation in the Wake of Devastation: An Economic and Disaster Recovery Plan for Puerto Rico. Courses of Action NCR 14, NCR 15, NCR 16 and NCR 17. Improves inland and coastal water quality and restores coastal areas by providing a cost-effective way to increase protection from disasters, creates jobs, boosts the biodiversity of the coastal regions enhancing fishing, tourism, and recreation economies. Provide storm surge protection, erosion control, sediment trapping, wildlife habitat, water filtration, and floodwater absorption; facilitates habitat recovery and healthy ecosystems. Increases coastal resilience and protects coastal infrastructure, human health and safety, wildlife habitats, and commerce from erosion and flood hazards. The recommended mitigation project complies with Objective # 1.1, on the Local Multi-Hazard Mitigation Plan and Activity #H1, coastline erosion and vulnerability study, Activity #H3, Hydrologic/Hydraulic Study. |
| Cayey | Municipality | 07/10/20 | Bring Public Buildings up to code-access building safety code compliance for wind, flood and seismic risk across the public building inventory and retrofit buildings with the respective code upgrade needed to make the structure more resilient and hardening. | The critical facilities that need "tormenteras" are Alcaldía, Human Resources, Finance, Administration, Pedro Montañez Stadium (Response Center for Hurricane Maria), Arts School, Theater, CIT, Cayey Emprende, Faro San Tomas, Faro Polvorin, Casa del Cuento, Salon de la Fama and etc | \$250,000.00 | N/A | N/A | \$250,000.00 | Different locations | Differents coordinates | Differents coordinates | Hurricane Force Winds | continue bring services to the citizens even in a weather event |
| Cayey | Municipality | 07/10/20 | Channeling and / or construction of more resistant pipe in stream that crosses the municipal landfill. | Carr.#184 Km 54.7 Guavate | \$500,000.00 | N/A | N/A | \$500,000.00 | Different locations | Differents coordinates | Differents coordinates | Multi-Hazard Mitigation | After Maria we need to make improvent in the energy infrastructure to be more resilient in another climatology event. |
| Cayey | Municipality | 07/10/20 | Safety Rooms. Construction of safety rooms in existing municipality facilities likes basketball court and communal centres in different sectors and wards. This can help in an emergency with any natural disaster can hit PR and or Cayey. This room it could be constructed with the mayor construction standards. | Jajome Abajo, Sumido, Beatriz, Pasto Viejo and Toña Ward | \$597,345.00 | N/A | N/A | \$597,345.00 | The are differents wards and distance | Differents coordinates | Differents coordinates | Multi-Hazard Mitigation | To stablish rooms for the community to be and citizens of the city |
| Cayey | Municipality | 07/10/20 | Solar Panels. The threat of depletion of fossil fuels increases, alternative energy sources can once again become the main form used by society. Solar energy is one of the most readily available and rarely used on the planet. Its presence makes it a viable option for all climates on Earth. | The critical facilities that need panel solar and generators area Alcaldía, Human Resources, Finance, Administration, Pedro Montañez Stadium (Response Center for Hurricane Maria), Arts School, Theater, Plaza Empresarial,CIT, Escuela Agrícola, Cayey Emprende | \$4,822,030.00 | N/A | N/A | \$4,822,030.00 | Different locations | Differents coordinates | Differents coordinates | Multi-Hazard Mitigation | continue bring services to the citizens even in a weather event |
| Cayey | Municipality | 07/10/20 | The project is to replace the bridge to an alternative that reveal in the H-H Study. This measure is to prevent of rains events and be a structure to be build to the 100 years rain. This area have structures of residences on its could be a connection from the Entrance 39 to the road 14. | The Bridge is located in the Gregorio Ortíz Street near to the Road 14 | \$1,500,000.00 | 1500000 | FEMA | \$1,500,000.00 | 3,440.57 square feet | 18.119407 | -66.145196 | 100-year flooding | The bridge in the 1992 report a death during the rains in January |
| Cayey | Municipality | 07/10/20 | This measure is to maintain the critical facilities with energy to continue servicing the citizens with all the essential services. Also this project consist in underground the electric power lines and purchasing a CHP and components to create a microgrid where all the critical facilities in urban traditional center can be connected. | Calle Nuñez Romeu Esq. Calle Muñoz Rivera | \$8,000,000.00 | N/A | N/A | \$8,000,000.00 | 58,392.58 square meters | 18.113127 | -66.166866 | Multi-Hazard Mitigation | After Maria we need to make improvent in the energy infrastructure to be more resilient in another climatology event. |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Urb. Villa Flores | \$450,000.00 | N/A | N/A | 450,00.00 | 7,000 SF | 18.267222 | -65.650277 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Bo Quebrada Seca | \$450,000.00 | N/A | N/A | 450,00.01 | 7,000 SF | 18.236666 | -65.665833 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Parcela Los Machos | \$450,000.00 | N/A | N/A | 450,00.02 | 7,000 SF | 18.270833 | -65.648611 | Multi-Hazard Mitigation | |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|---|---|---|--|--|--|--|
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Bo. Aguas Claras | \$450,000.00 | N/A | N/A | 450.00.03 | 7,000 SF | 18.253333 | -65.653333 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Urb. Vegas de Ceiba | \$450,000.00 | N/A | N/A | 450.00.04 | 7,000 SF | 18.271548 | -65.639468 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Rio Abajo | \$450,000.00 | N/A | N/A | 450.00.05 | 7,000 SF | 18.26281 | -65.685704 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Las Calderonas | \$450,000.00 | N/A | N/A | 450.00.06 | 7,000 SF | 18.273611 | -65.661666 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Brisas 2 | \$450,000.00 | N/A | N/A | 450.00.07 | 7,000 SF | 18.266944 | -65.641111 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Ceiba is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Jardines 2 | \$450,000.00 | N/A | N/A | 450.00.08 | 7,000 SF | 18.260555 | -65.652222 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Emergency Operation Center at the regional level that groups offices, such as Emergency Management, Municipal Public Works, Municipal Police, Regional Office of Emergency Management, Medical Emergencies and State Police. This structure will have a Food Distribution Center, Shelter and a Heliport." | Bo. Chupacallos, Carr. 975 | \$10,000,000.00 | N/A | N/A | 10000000 | 13,940 MC | 18.260931 | -65.656517 | Multi-Hazard Mitigation | |
| Ceiba | Municipality | 07/01/20 | Los Machos beach is highly visited by hundreds of tourists year round without higher grounds. Although much rarer than hurricanes, its life-threatening potential is such that, on a death toll basis, they are comparable to hurricanes. Lander (1997) has shown that the amount of deaths associated with tsunamis in the Caribbean since 1500 are greater than the sum of all the tsunami-related deaths in Alaska, Hawaii, and the western seaboard of the United States of America." Due to this high risk the municipality proposes the construction of a vertical evacuation shelter for 150 people. | Playa Los Machos Tarawa Dr. & Calle 5, Ceiba, P.R. | \$1,066,000.00 | N/A | N/A | \$1,066,000.00 | | 18.265235 | -65.6311541 | Multi-Hazard Mitigation | |
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - Proyecto de remplazo de tuberías de aguas pluviales que producen inundaciones en las propiedades del Sector Santa Clara del Barrio Jaguas en Ciales. La inundaciones ocurren por la presencia de una quebrada seca que afecta el sector en tiempos de lluvias torrenciales, tormentas o huracanes. Esto provoca pérdidas económicas a la infraestructura así como el riesgo a la vida. Este proyecto eliminará el riesgo de inundación que representa la acumulación excesiva de agua. | Las coordenadas del proyecto son: 18.32385, -66.473191 | \$450,000.00 | - | N/A | \$450,000.00 | | 18.32385 | -66.473191 | 100-year flooding | Se proveerán datos adicionales según sean solicitados. |
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - Asistencia a empresas tecnológica - El proyecto permitirá la construcción de la infraestructura para promover el despliegue de los servicios de Banda Ancha al sector comercial del Municipio de Ciales y para beneficio de los negocios y residencias del área. El proyecto promueve conexiones más seguras y duraderas, permitiendo las transferencias de datos de manera instantánea, mitigando así el problema de falta de comunicación durante un evento o emergencia. | Las coordenadas del proyecto son: 18.33606, -66.46878 | \$865,000.00 | - | N/A | \$865,000.00 | | 18.33606 | -66.46878 | Multi-Hazard Mitigation | Se proveerán datos adicionales según sean solicitados. |
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - Construcción de un muro en piedras para mitigar la crecida del Río Grande de Manatí. La crecida del Río Grande de Manatí ha provocado enormes pérdidas económicas a las residencias y comercios aledaños. Además, el nivel de inundaciones que se registran con la salida del Río Grande de Manatí, pone en gran riesgo la vida de todas las familias que residen en el área. | Las coordenadas del proyecto son: 18.34411, -66.471503 | \$25,000,000.00 | 1200000 | Cuerpo de Ingenieros aprobaron 1,200,000.00 - para estudios iniciales. No se han expresado en cuanto a qué cantidad asignarán para la canalización del río. | \$23,800,000.00 | | 18.34411 | -66.471503 | 100-year flooding | Se proveerán datos adicionales según sean solicitados. |
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - Desarrollo de un Centro de Acopio y centro de transbordo de Residuos sólidos. El terreno (Antigua Vertedero) ubicada en el Barrio Hato Viejo en Las Cumbres en Ciales. Este proyecto disminuye considerablemente el impacto de futuros desastres al tener un lugar donde llevar los residuos sólidos del Municipio y liberar las principales vías de rodaje de todo material que imposibilite la respuesta rápida de emergencias sanitarias. | Las coordenadas del proyecto son: 18.34584, -66.472222 | \$7,000,000.00 | - | N/A | \$7,000,000.00 | | 18.34583 | -66.472222 | Multi-Hazard Mitigation | Se proveerán datos adicionales según sean solicitados. |
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - El proyecto pretende desarrollar los terrenos donde ubica la Urbanización Dos Rios, limitando su uso a espacios pasivos y comunes, con la finalidad de restringir su uso para construcciones futuras. El proyecto evitará que familias y negocios tengan pérdidas económicas por la salida del Río Grande de Manatí. | Las coordenadas del proyecto son: 18.3438, -66.4716 | \$3,500,000.00 | - | N/A | \$3,500,000.00 | | 18.3438 | -66.4716 | 100-year flooding | Se proveerán datos adicionales según sean solicitados. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|---|--|---|---|
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - Proyecto de control de derrumbes de terreno inestable poniendo en riesgo la vida y propiedad de 15 familias, en las Parcelas Cordilleras en el Barrio Cordillera de Ciales. El problema se acrecienta en tiempos de lluvia, tormentas o movimientos telúricos. El problema no sólo afecta la vida de los residentes, sino también la vida de los conductores que transitan por el sector. Este proyecto eliminará el riesgo que representa los derrumbes con periodo de recurrencia. | Las coordenadas del proyecto son: 18.32227, -66.50096 | \$6,000,000.00 | \$1,500,000.00 | CDBG-R3 | \$4,500,000.00 | El proyecto está en su fase de conceptualización. Tan pronto tengamos la longitud total del proyecto o el área total del proyecto lo proveeremos. | 18.32227 | -66.50096 | Multi-Hazard Mitigation | Se proveerán datos adicionales según sean solicitados. |
| Ciales | Municipality | 08/19/20 | PROYECTO EN SU FASE CONCEPTUAL - Relocalización del Centro de Manejo de Emergencias a las facilidades de la antigua escuela Francisco Coira. Las facilidades existentes de dichas dependencias municipales están ubicadas en un lugar inundable. Se abrirá un acceso a través de la Carretera 149 que facilita la movilización de los recursos de rescate, manejo de emergencia y emergencias médicas a diferentes barrios del Municipio. Con esta medida aseguramos que la ayuda que la ciudadanía necesita, pueda ser provista con prontitud. Este proyecto disminuye considerablemente el impacto de futuros desastres. | Las coordenadas del proyecto son: 18.33438, -66.467283 | \$1,865,215.00 | - | N/A | \$1,865,215.00 | El proyecto está en su fase de conceptualización. Tan pronto tengamos la longitud total del proyecto o el área total del proyecto lo proveeremos. | 18.33438 | -66.467283 | Multi-Hazard Mitigation | Se proveerán datos adicionales según sean solicitados. |
| Cidra | Municipality | 07/18/20 | The benefits of the underground and the improvements to the electrical system in the traditional center of the Municipality of Cidra will prevent the interruption of the electric services for the normal of the residential population of the area. In this way we will have an increasing economic development where emergency service areas reliable and accesible to the citizens. | The proposed Project consists of the underground and other improvements to the electrical system of the Traditional Center of the Municipality of Cidra, road # 172, interior Vicente Muñoz Street, Cidra, Puerto Rico. During the events of Hurricane Maria, winds and rain caused the fall of poles and power lines on residences and shops in the downtown area. This caused that all commercial activity was stopped completely, the access to the residences was hindered and the creation of an emergency services center in the most central place of the city was impossible. All Municipal daily services were deeply affected for over a month. | \$16,100,000.00 | \$1,100,000.00 | FEDERAL | \$15,000,000.00 | 11.5 Acres | 18.1757 | -66.1609 | Multi-Hazard Mitigation | In order to make the proposed improvements, it will be necessary to begin with the relevant studies of the existing electrical infrastructure, the preparation and design of plans and identification of the stages in which the work will be carried out, demolition and removal of asphalt and sidewalks, excavations, installation of pipes and wiring, filling and compaction with select material, reconstruction of sidewalks and curbs, asphalt and terminations. The benefits of the underground and the improvements to the electrical system in the traditional center of the Municipality of Cidra will prevent the interruption of the service and / or facilitate its reinstatement in case of an emergency. This will expedite the commercial recovery and return to normal of the residential population of the area. In this way we will have a safe trade center with an increasing economic development where emergency service areas can be created that are reliable and accesible to citizens. |
| Cidra | Municipality | 07/18/20 | The improvements to the potable water, sanitary and rainwater systems in the traditional center of the Municipality of Cidra will avoid constant flooding in this area, freeing both the residential and commercial population and the visiting population. Creating in this way a safe trade center with a growing economic development. In addition, reliable and accesible emergency service areas and oases can be created for citizens. It will also improve the flow and catchment of the lake that serves as water supply to several cities such as Bayamon, Guaynabo, and Aguas Buenas, that is, more than 200,000 citizens. | The proposed project consists of the reconstruction and improvements to the sanitary sewer system, rainwater and drinking water system of the Traditional Center of the Municipality of Cidra, Road PR-172, interior Calle Vicente Muñoz, Cidra, Puerto Rico. During the events of Hurricane Maria, an unprecedented flood occurred in the Traditional Center of the Municipality of Cidra, the large amount of rain and sediments, in addition to the possible collapse of the pluvial pipe, have caused this area to flood every time a rain event in addition to this, multiple sidewalks, curbs and | \$6,000,000.00 | \$2,000,000.00 | FEDERAL | \$4,000,000.00 | 11.5 Acres | 18.1757 | -66.1609 | Multi-Hazard Mitigation | To make the proposed improvements, it will be necessary to begin with the relevant studies of the existing infrastructure, the preparation and design of plans and identification of the stages in which the work will be carried out, demolition and removal of asphalt, and sidewalks, excavations, pipe installation, and records, filling and compaction with select material, construction of sidewalks and curbs, asphalt, sowing and finishing. The project will be done in phases. |
| Cidra | Municipality | 07/13/20 | The proposed Project consists of the underground and other improvements to the electrical system of the Traditional Center of the Municipality of Cidra, road # 172, interior Vicente Muñoz Street, Cidra, Puerto Rico. During the events of Hurricane Maria, winds and rain caused the fall of poles and power lines on residences and shops in the downtown area. This caused that all commercial activity was stopped completely, the access to the residences was hindered and the creation of an emergency services center in the most central place of the city was impossible. All Municipal daily services were deeply affected for over a month. | | \$1,100,000.00 | | | \$1,100,000.00 | | 18.1757 | -66.1609 | | In order to make the proposed improvements, it will be necessary to begin with the relevant studies of the existing electrical infrastructure, the preparation and design of plans and identification of the stages in which the work will be carried out, demolition and removal of asphalt and sidewalks, excavations, installation of pipes and wiring, filling and compaction with select material, reconstruction of sidewalks and curbs, asphalt and terminations. The benefits of the underground and the improvements to the electrical system in the traditional center of the Municipality of Cidra will prevent the interruption of the service and / or facilitate its reinstatement in case of an emergency. This will expedite the commercial recovery and return to normal of the residential population of the area. In this way we will have a safe trade center with an increasing economic development where emergency service areas can be created that are reliable and accesible to citizens. |
| Coamo | Municipality | 07/10/20 | Channeling urban runoff to mitigate the effects of flooding in seven streets along the southern part of the city. The project proposes to correct water travel levels, build new sidewalks with accepted levels in compliance with the ADA ACT and other construction codes. | Urban Streets as follows: Puerto Arturo through Pueblito Streets Bobby Capó North to Willie Rosario Streets Final Julián Callazo Norte to Betances Streets Carrión Maduro Norte through JP Rodríguez Ramón Power to Baldorioty St. South- Florencio Santiago from Carrión Maduro through Ruiz Belvis St. | \$6,080,000.00 | No other sources identified | No other sources identified | \$6,080,000.00 | 30,400 LF | See below: 18.03397 18.092199 18.083214 18.022494 18.079143 18.007995 | See below: -66.357388 -66.35604 -66.357997 -66.35798 -66.360302 -66.358349 -66.362367 | 100-year flooding | |
| Coamo | Municipality | 07/10/20 | Construction of gabion system to prevent the erosion and exit of runaway from Coamo river to several sectors of residences in the flood zone. Also, to protect the resources of the Coamo Hot Springs as a destination of wellness and health tourism, and economic development for this city. | Sectors as follows: Vega Puente Sector, PR Rd. 14 Interior, Héroe Avenue. Baños de Coamo Sector PR RD. 546 KM 1.7 Interior San Idefonso Ward | \$4,000,000.00 | No other sources identified | No other sources identified | \$4,000,000.00 | 2,000 LF | 18.080679 18.037988 | -66.354192 | 100-year flooding | |
| Coamo | Municipality | 07/10/20 | Structural and Wind Retrofitting of Existing Buildings - Three renovated historic properties housing critical and essential public facilities: City Hall Building | 3 Mario Braschi and Baldorioty St. | \$1,500,000.00 | | | | 664.3807 Sq. mt. | 18.08061873 | -66.35704189 | Multi-Hazard Mitigation | |
| Coamo | Municipality | 07/10/20 | Structural and Wind Retrofitting of Existing Buildings - Three renovated historic properties housing critical and essential public facilities: Emergency Management Center Building. | 127 José Quintón St. | \$1,000,000.00 | | | | 3908.743 Sq. mt. | 18.07719444 | -66.36245403 | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional | |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|---|---|---|--|
| Coamo | Municipality | 07/10/20 | Structural and Wind Retrofitting of Existing Buildings - Three renovated historic properties housing critical and essential public facilities: Historic Museum - Ramón Rivera Bermúdez Building | 32 José Quintón St. | \$750,000.00 | | | | 1046.8002 Sq. mt. | 18.08026396 | -66.35708492 | Multi-Hazard Mitigation | | |
| Comerio | Municipality | 07/17/20 | Affected area such as Ariel and Pasarell Sector at East Site of Downtown severely flooded due to heavy rains and the combined runoff from the tributaries of "Jacana, La Plata, Convento creeks and "Rio La Plata" river with the passage of Hurricane Maria. An apparent hydraulic of the direction of the flow and manmade obstructions caused an overflow that extended over 200 meters on main road municipal road at Ariel Community. Affecting critical facilities, such as the only one high school at the City; Juana Colón High School and more than 100 housing units leaving families vulnerable and deprived of any essential services in the event of an emergency in their residences. The project will address the security problem of have an the only High School Emergency Center out of service and hundred houses. | Ariel and Pasarell | \$2,270,753.50 | \$700,000.00 | FEMA 404 Mitigation Program | \$2,270,253.50 | 200 meters | 18.218445 | -66.226513 | | The community will effectively manage the flooding hazard from the impacted area considering the geomorphology of the floodplain at the project site. A Hydrologic & Hydraulic Study will determine the right capacity and direction for the flow of the Ecological flow and remove and the material by the man through the history. The project propose is align with new tendency to go back to the natural environment, trying to avoid as possible all the use of concrete or manmade construction. This project is target to be a model a how should be the New Generation of management of flow in harmony with nature and the best practice to integrated the pluvial system in a correct manner to the Ecological Flow and have the Ecological Funds will be a filter of the water that go to our rivers. The project will restore the confluence between "Jacana creek" and "La Plata River", using natural mitigation techniques at the Jacana Creek. | |
| Comerio | Municipality | 07/17/20 | Affected area such as Georgetti Avenue at the Downtown severely flooded due to heavy rains and the combined runoff from the tributaries of "La Plata (Piñis), Convento, La Jacana creek and "Rio La Plata" river with the passage of Hurricane Maria. An apparent lack of capacity, design and alignment of the culvert caused an overflow that extended over 300 linear meters on Georgetti Street at Downtown, Street 1, 2 and 3 of the La Hacienda Urbanization, Ariel Sector Housing. Affecting critical facilities, such as two School, State Police Station, Court House, an Emergency Center, also, other commercial facilities at Downtown and private houses. Furthermore, the surrounding flooded communities lost road access, leaving families vulnerable and deprived of any essential services in the event of an emergency in their residences. This area serves as the convergence point to the community and the municipality town due the strategic entrance. The economic losses to the communities and the municipality were substantial. The limited access to supplies and groceries worsened to the emergency because the main local private market for supplies and food was flooded. The project will address the security problem that represents that the State Police Headquarters completely floods the first floor. Second to address the environmental problem that represents the flooding of the Reception facilities. | Georgetti Street, La Hacienda Urbanization, Ariel, State Police Station, Court House and Emergency Center | \$3,307,459.74 | \$2,000,000.00 | FEMA LOI 404 Mitigation Program | \$1,307,459.74 | 300 linear meters | 18.218445 | -66.226513 | | This project is very important to protect life and property of over 150 housing units, maintain the economic development of the area, have the tools that the State Police can perform their jobs safely, avoid environmental problems due to the materials of recycling that will finish of water resources. Government provided could have proper facilities to help people in the seek of jobs, to have food security at the City during atmospheric disasters. | |
| Comerio | Municipality | 07/17/20 | Affected area such as Georgetti Avenue North Site severely flooded due to heavy rains and the combined runoff from the tributaries of "El Convento, La Plata, La Jacana creeks and "Rio La Plata" river with the passage of Hurricane Maria. An apparent hydraulic of the direction of the flow and manmade obstructions caused an overflow that extended over 150 linear meters on Georgetti Street at North Site, Vuelta del Dos Community. Affecting critical facilities, such as two Court House, an Emergency Center, also, other commercial facilities and private houses. Furthermore, the surrounding flooded communities leaving families vulnerable and deprived of any essential services in the event of an emergency in their residences. This area serves as the convergence point to the community and the municipality town due the strategic entrance. The economic losses to the communities and the municipality were substantial. The limited access to supplies and groceries worsened to the emergency because the main local private market for supplies and food was flooded. | Georgetti Street | \$3,125,085.00 | \$0.00 | FEMA LOI 404 Mitigation Program | \$3,125,085.00 | 150 lineal meter | 18.218445 | -66.226513 | | The community will effectively manage the flooding hazard from the impacted area considering the geomorphology of the floodplain at the project site. A Hydrologic & Hydraulic Study will determine the right capacity and direction for the flow of the Ecological flow and new emergency over flow for high precipitation events at "Convento" creek. The project will restore the confluence between "El Convento creek" and "La Plata River", using natural mitigation techniques at the Convento Creek. This project is very important to protect life and property of over 85 housing units, maintain the economic development of the area, have Emergency Center working, the Court House available to have food security at the City during atmospheric disasters. | |
| Comerio | Municipality | 07/17/20 | The causes of the floods in all parts of the island of Puerto Rico, occur due to poorly targeted Public Policies, of not allowing the removal of sediment materials that reach the rivers and lakes and which occupies the space that such an appreciated liquid should occupy. The permits to extract material from our Central Mountain Range are a shot to the heart of nature, to our water reserves. It affects economically our people due to the floods and others problems. Not removing sediment material in our bodies of water is the cause with more weight of the flood in the island. Also combined with poor planning and control practices to avoid unscheduled construction. | 167 Street, El Salto Dam | \$34,345,639.34 | Pending | PW FEMA | \$14,345,639.34 | 2 miles | 18.261522 | -66.206455 | | Through this project we will not only achieve an energy "Microgrid" that will give stability to the Mountain's energy system, in addition it will serve as a system to control and modulate the floods of around 165 thousand habitants who will benefit from this project, protecting the communities of Levittown, Mameyal, Ingenio, Campanillas and San José, as well as other sectors in the municipalities of Dorado, Toa Baja and Toa Alta that experienced great flooding challenges during the passage of Hurricanes Irma and Maria | |
| Comerio | Municipality | 07/17/20 | The Owner is interested in developing a new facility, which, based on our experience and a preliminary evaluation, has a preliminary area of approximately 9,000 square feet of new construction. Intends to build a new freestanding structure to house State and Municipal Police and Emergency Operations personnel, including support spaces such as: storage for supplies, emergency response equipment, and materials. We have defined the following preliminary program that should serve as point of departure to discuss with the Owner, 1. Municipal and State Police: 1. Reception 2. Police post ("Retén") 3. Waiting Cell 4. Directors Office - Commissioner 5. Sub-Director Office 6. Interview / Alcohol test room 7. Armory 8. Administration area - 2 to 3 workstations 9. Meeting room 10. Public Order Code office | Municipality-owned vacant lot located at PR-778, of approximately 1,500 square meters, on the east perimeter of the town center, Barrio Pueblo ward | \$28,486,900.00 | | FEMA LOI 404 Mitigation Program | \$28,486,900.00 | 9,000 square feet | 18.222144 | -66.223404 | | | |
| Corozal | Municipality | 07/17/20 | Acquisition of several disused schools in different neighborhoods of Corozal. This project aims to acquire and rehabilitate the following schools which are: Rafael Martínez Nadal (Bo. Pueblo) José Fernández Rubial (Bo. Negros), Hipólito Caldero (Bo. Palos Blancos), Antonio Rivera in (Bo. Palmarito Sector Radio Oro) and Pan del Cielo, in (Bo. Mana). This project aims to rehabilitate the schools to serve as a refuge, create safe spaces to protect the citizens in the hurricane and earthquake season. They will be inspected and improved to code and in a resistant way and with all the necessary resources to protect the life of the inhabitant of Corozal. They will serve as a warehouse to store supplies, such as dining rooms to serve food in emergency. An in the same way, it will be useful for different purposes such as cyber centers, to develop and create agricultural programs and other social impact programs for our inhabitant when we are not in an emergency state. | 1. Rafael Martínez Nadal - Road 891 Bou Street, Bo. Pueblo 2. José Fernández Rubial - Road 805 K.M.3 H-5 Bo. Negros 3. Hipólito Caldero - Road 806 KM 6 Bo. Palos Blanco 4. Antonio Rivera - Road 800 near to Radio Oro Sector in Palmarito 5. Pan del Cielo School - Road 568 R77 KM 2 H-4, Bo Mana | | No other sources identified | No other sources identified | We estimated \$6,000,000. 00 to the adquisition and repair of facilities. | | | [School - RMN]: 18.34078 [School - JFR] : 18.286512 [School - HC] 18.284636 [School - AR] 18.251015 [School -PDC] - 18.262177 | [RFN] -66.317884 [JFR] -66.332570 [HC] -66.298782 [AR] -66.3318839 [PDC] -66.307531 | Multi-Hazard Mitigation | |



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| Corozal | Municipality | 07/17/20 | After Hurricane Maria, our municipality was seriously affected due to the lack of energy. Basic services cannot be offered due to lack of energy. We propose to install a Solar Panel system in the main and critical facilities or properties to maintain the continuity of operations. To be a resistant and sustainable system. The investment or development of this project of Installation of the solar panels, would recover quickly; since the municipality would have many economies and income. As we all know, the maintenance of electric generators is extremely expensive; which entails high public spending. And it minimizes the disbursement of federal funds for those purposes. Project development activity included analyze of energy, consumption electrical systems assessment, control high panel site desing, other activities related and the adquisition and installation of the solar panels in all the facilities. | 1. Casa Alcaldia - #9 Sixto Febus St. in Corozal. 2. Obras Públicas - Road 159 3. Cine Teatro San Rafael - San Manuel St. 4. Terminal de Guaguas Públicas José Taboa - Francisca (Paca) Martinez St. 5. Howar T.Jason- Basketball Court -Francisca (Paca) Martinez St. 6. Coliseo Carmen Zoraida Figueroa - Road 891 7. Centro de Salud de Corozal (CDI) - Road 891 8. Salón de Fama - (Police Station) - San Ramón St. 9. Centro de Convenciones - Road 818 Km 2.5 | \$2,800,000.00 | No other sources identified | No other sources identified | \$2,800,000.00 | | (Casa Alcaldia, 18.341073 (Obras Públicas, 18.334890) (Cine Teatro San Rafael, 18.339953) (Terminal de Guaguas Públicas, 18.339917) (Howard T. Jason, 18.340918) (Coliseo Carmen oraida Figueroa, 18.341012) (Centro de Salud de Corozal, 18.342711) (Salón de la Fama, 18.343472) (Centro de Convenciones, 18.340009) | (Casa Alcaldia, -66.317366) (Obras Públicas, -66.326960) (Cine Teatro San Rafael, -66.317395) (Terminal de Guaguas Públicas, -66.317953) (Howard T. Jason, -66.318879) (Coliseo Carmen Zoraida Figueroa, -66.321349) (Centro de Salud de Corozal, -66.320727) (Salón de la Fama, -66.317959) (Centro de Convenciones, -66.337351) | Multi-Hazard Mitigation | |
| Corozal | Municipality | 07/17/20 | Construction of a retaining wall to divert the overflow of the Rio Negro channel where it is intended to control the gravity of the waters specifically in the area where the two channels of the Cibuco and Rio Negro rivers connect. This construction aims to mitigate the floods that may arise with events similar to Hurricane Maria, which almost took the | Francisca (Paca) Martinez St. #1 in the town center of Corozal; near to the OMME and Municipal Federal Programs Offices, State Police Station, Center of Diagnostic and Medical Treatment (CDT) of Corozal, schools, government offices, housing, private business and other spaces in the area. | \$3,000,000.00 | No other sources identified | No other sources identified | We estimated \$3,000,000.00 to HH study, desing and build the | | 18.22989 | -66.319539 | 100-year flooding | |
| Corozal | Municipality | 07/17/20 | Relocation of some part of residents of the Urban Center, such as: residents to the San Ramon Street and the Aldea Vazquez community this is a site on a high flood risk area, that are an arabalms, an areas with high delinquene incidents, and extremely deteriorated houses. We propose to demolish them and relocated the families in a safety home. We are going to use and buy the inventory of disused and abandoned properties in Corozal. Acquire them by means of a declaration of public nuisance and repair or rehabilitate them in order to relocate these families. Approximately 100 properties must be acquired and repaired to relocate those families. With this initiative, Arabalism is eliminated, the living conditions of these families are improved, many of which live in precarious situations and in extreme poverty. | | \$7,500,000.00 | No other sources identified | No other sources identified | | | Aldea Vazquez, 18.3389185 San Ramón St. 18.34636 | Aldea Vazquez, -66.3159963 San Ramón St. -66.316837 | Multi-Hazard Mitigation | |
| Corozal | Municipality | 07/17/20 | Relocation of the Urb. Los Guardias in Bo. Palmarejo. This is a site on a high flood risk area, that have 28 housing property. We propose to demolish them and relocated the families in a safety home. Develop a new complex of properties. We need funds to make the demolitions, for permits, to planning and make a desing of the project, to acquire the land to be constructed and them construct the home. | Bo. Palmarejo Road 164 Int. Urb. Los Guardias | \$4,000,000.00 | No other sources identified | No other sources identified | \$3,820,000.00 | | 18.3166556 | -66.2898383 | Multi-Hazard Mitigation | |
| Corozal | Municipality | 07/17/20 | Several place in different communities of the Municipality of Corozal such as: Sector Chilis Pizzo in Bo. Palmario, Sector La Riviera in Bo. Palos Blanco, and Sector Pancho Febus in Bo. Palmarejo was severely affected due to soils or land inestability, causing several landslides and situations of imminents dangers. We need to evaluate the situation some creeks and analyze the land. If we dont find an strategies to resolve the problem; wich could affect the life and propety of the people who reside in these communities. We propose a Geotechnical Study and HH Study for the evaluation and study of the soils and the runoff of the creeks. Also we want to develop and construct project to reduces those hazard. | The location of the areas are in the rural parts of Corozal. Those are the communities: Palmario, Palmarejo and Palos Blancos. | \$3,500,000.00 | No other sources identified | No other sources identified | \$3,500,000.00 | | Chill Pizzo Bo. Palmario, 18.2603566 La Riviera, 18.300160 Pancho Febus, 18.310473 | Chill Pizzo Bo. Palmario, -66.3288517 La Riviera -66.295294 Pancho Febus, -66.290495 | Multi-Hazard Mitigation | |
| Corozal | Municipality | 07/17/20 | The Adquisition of a Ice Plant. The Ice Plant is located in Bo. Padilla Road, 588 near to the Parcelas Medina. We propose to acquire the ice plant that be in deused to establish an Municipal an Enterprises to generated income, employees, and the most important thing to serve our constituents of that articule (Ice) during any emergency situation and for others purpose. We want to acquire the plant to repared, install and put all the equipment to move the operation of the Ice Plant. | Ice Plant are located in Bo. Padilla Road 588 near to the Parcelas Medina. | \$1,500,000.00 | No other sources identified | No other sources identified | \$1,500,000.00 | | 18.320075 | -66.344 | Human cause and imminent necessity | |
| Corozal | Municipality | 07/17/20 | The Municipality of Corozal has severe water distribution problems in some communities such as: Bo. Negros, Palos Blancas, Abras, Mana, Palmarejo, Padilla, Bo. Pueblo and Cibuco. We propose the corresponding study for the develop of the desing and the build a water system Non Prasa where we can supply the affected communities. The system is golg to be located in Centro Historico El Cibuco. We want to be more resilient municipality and respond for all the request of our inhabitants. | The location of the project is going to be in a municipal property. El Centro Historico El Cibuco is place with many acres of land and rish of water. | \$2,000,000.00 | No other sources identified | No other sources identified | \$2,000,000.00 | | 18.348498 | -66.340637 | Human cause and imminent necessity | |
| Dorado | Municipality | 07/08/20 | Construction of Hurricane Shelter - It is proposed in the Edgar Martinez Sports Complex, Higuillar Ward, the construction of a 5,000 #2 fully prepared, 200 people capacity shelter. Located in a central area, this shelter will be equipped with kitchen, beds, full bathrooms, dining room, and all first aid kit and necessary components to give a safe and secure refuge center. | The Edgar Martinez Sports Complex is located in the middle of Higuillar Ward, with high accessibility to most residents. The shelter would be located on a green area adjacent to the track and field track. | \$325,000.00 | No other sources identified | No other sources identified | \$325,000.00 | 30 meters | 18.45195 | -66.29264 | Multi-Hazard Mitigation | |
| Dorado | Municipality | 07/08/20 | Cuatro Calles Acquisition Relocation - This project will relocate two residential structures on Cuatro Calles, Maguayo Ward, to a non flood prone area. The acquired land will be returned to its natural function within the floodplain and be maintained in that manner by the municipality of Dorado. Both residences will no longer suffer from chronic flooding during high rain/high-water flooding events. The properties will be returned to their natural function within the floodplain and be maintained by the Municipality. | The 2 residences are located on the edge of PR-693, at the intersection with PR-694. These are the only residences in the surrounding area, which consists of agricultural lands in the Rio La Plata floodplain. | \$500,000.00 | No other sources identified | No other sources identified | \$500,000.00 | 60 meters | 18.42974 | -66.26521 | 100-year flooding | This project could be replicated in other flood prone areas in the Municipality. |
| Dorado | Municipality | 07/08/20 | Dorado Reef / Mata Redonda Erosion Control - The proposed project is to control the erosion occurring on the coastal edge of the Dorado Reef and Mata Redonda residential developments. These communities have seen their coastal fences fall as a result of wave erosion. A mitigation project needs to be designed and constructed in order to protect the developments from further encroachment of the erosion impact. | Dorado Reef and Mata Redonda are coastal residential complexes on the Northwestern edge of Higuillar Ward. | \$2,000,000.00 | No other sources identified | No other sources identified | \$2,000,000.00 | 350 meters | 18.47469 | -66.31292 | Multi-Hazard Mitigation | |



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| Dorado | Municipality | 07/08/20 | Drain Cauce Cienega Prieta - Arenales - The proposed project will restore the stream to its natural flow and confluence. Restoring the stream to include deepening and widening in specific areas as well as implementing erosion control methods will help to ensure that drainage tributaries can handle peak flows during heavy storm events. The municipality will work closely with USACE and other Federal agencies to ensure concurrence is achieved and no DOB will result. The proposed project will be phased with Phase 1 consisting of: H&H study/analysis, permitting, feasibility study/testing, engineering and design, and environmental. Phase 2 funding will consist of the construction and completion of the mitigation activity. | The stream is located on an agricultural land adjacent to Arenales Community, in Higullar Ward. The benefit of this drainage improvement project is to lessen the flooding impact, as well as other bodies of water that overwhelm the capacity to handle additional flow. The communities impacted by the flood waters once the stream is incapable of handling the additional flow will benefit from the project because they will potentially avoid property damage, loss of life, and community-wide flooding. | \$789,000.00 | | | \$789,000.00 | 1,000 meters | 18.45156 | -66.30697 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Drainage Improvements in Los Montes Development - The proposed project is to increase the drainage capacity of the Los Montes residential development. The lower portion of the Los Montes storm sewer system, which includes a retention pond, suffers from frequent flooding, due to its limited capacity. Several interventions, including the construction of injection wells, are proposed to increase the system's drainage capacity. | Los Montes is a residential development South of PR-2, located in Espinosa Ward. | \$5,000,000.00 | | | \$5,000,000.00 | 150 meters | 18.40419 | -66.29138 | Human Caused | |
| Dorado | Municipality | 07/08/20 | Drainage Improvements in Villa Santa - The proposed project is to improve the drainage structure on Bethel Street near the end of 4th Street in Villa Santa sector east of the San Antonio community of the Higullar neighborhood. The drainage structure at this location floods during regular rain events causing the residential structures in the area to flood, street flooding, and erosion of the sides of the road. The pipe that drains the area is insufficient to channel the waters that accumulate in the low-lying parts of the adjoining plains east of the street. The solution is to increase the drainage structure to adequately handle the flow of water during major storm events, as well as regular rain events. In addition, a subsurface gravity drainage system is proposed for the area to ensure water does not pond in the streets and within the community. This project will be phased with Phase 1 consisting of: H&H study/analysis, feasibility study, engineering and design, and environmental. Phase 2 will provide funding to complete the construction of the project. | Villa Santa is an urban community in Higullar Ward. The benefit of this drainage improvement project is to lessen the flooding impact to the residential structures in Higullar neighborhood, as well as other affected properties and communities. The communities impacted by the flood waters once the drainage structure is in place will benefit from the project because they will potentially avoid property damage, loss of life, and community-wide flooding. | \$420,000.00 | | | \$420,000.00 | 170 meters | 18.44948 | -66.28929 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Embassy Suites Hotel, Urb. Costa Dorada and Ocean Villas Breakwater - The proposed project consists in an improvement of the existing breakwater and the control of severe erosion problem of the shore. The improvement to the breakwater will be possible by the construction of a submerged breakwater system. Also, the proposed Project consists of avoiding the erosion problems by feeding of sand on the beach and coating of the coastal area. | In the sector known as Dorado del Mar are located the Costa Dorada Community, Ocean Villas and the Embassy Suites Hotel, where the developers of the hotel had built a breakwater in two cell bays bounded by a natural headland with beach. The breakwater was not designed correctly and the US Corps of Engineers requested the correct construction of the breakwater. The incomplete breakwater does not offer the necessary protection and continues producing repetitive erosion damage. | \$1,500,000.00 | | | \$1,500,000.00 | 205 meters | 18.47935 | -66.27238 | Multi-Hazard Mitigation | |
| Dorado | Municipality | 07/08/20 | Emergency Electrical Generators - The proposed project is to improve electrical power generating capabilities prior to and immediately following a disaster and equip facilities with emergency power capability to power HVAC, critical components, and other high priority facilities currently unavailable with existing generator capabilities. The project will be phased to allow the municipality the ability to complete the vulnerability assessment and complete design and specs for these critical facilities. Phase 2 will be the purchase and installation of the generators and switches. | The municipality will choose locations of critical facilities through a vulnerability assessment prior to implementing the project. Having backup generator capabilities will allow the municipality the ability to recover quickly and maintain emergency operations during and after a disaster. Critical infrastructure will be able to maintain existing operations during and after the disaster. | \$2,000,000.00 | | | \$2,000,000.00 | N/A | N/A | N/A | Multi-Hazard Mitigation | |
| Dorado | Municipality | 07/08/20 | Erosion Control in Ojo del Buey - In the sector known as Ojo del Buey, on the coast of Mameyal Community, repetitive erosion damage occurs. The offroad access road has been invaded constantly by the ocean, putting into risk lives of the visitors. An extension construction of the existing submerged breakwater system is proposed, keeping the flow of the ocean, but reducing the energy of the waves in high intensity moments. | Ojo del Buey is an iconic and historic coastal site, where thousands of people visit year-round, where the erosion is causing a threat to the economic motor of the municipality and more important, the safety of visitors. | \$200,000.00 | | | \$200,000.00 | 230 meters | 18.47554 | -66.25739 | Multi-Hazard Mitigation | |
| Dorado | Municipality | 07/08/20 | Flood Risk and Contamination Reduction in Costa de Oro Community - Costa de Oro currently has flooding problems, because it is located at a low point right on the coast, and it receives runoff waters from the adjacent neighborhoods. The storm water system currently discharges on a public beach, and this runoff is often contaminated and causes contamination warnings for beachgoers from the Environmental Quality Board. For both of these reasons (flooding and water pollution), improvements to the system are recommended, extending the 36" diam. polyethylene pipeline to a point of discharge farther from the coast. | Costa de Oro Community is a residential and touristic neighborhood right on the coast of Higullar Ward. This community is where the Nolo Morales Public Beach is located. The community is located in a flat land area, where water flow is limited because of very low elevation gradients. | \$300,000.00 | | | \$300,000.00 | 500 meters | 18.47397 | -66.27862 | Multi-Hazard Mitigation | |



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| Dorado | Municipality | 07/08/20 | Flood Risk Reduction in Doraville Community - Doraville Community doesn't have a proper storm sewer system. Their natural system (sinkholes), which receives and discharges waters, is currently saturated due to the constant rains received during the past years. Therefore, it is proposed an upgrade to the storm sewer system by designing a pump station combined with 6' diam. polyethylene pipes, discharging to an adjacent body of water East of the community. | Doraville is an urban community in Higullar Ward, located on the edge of karstic hills. Sinkholes along the edge of these hills are the main drainage feature for the Northern portion of the community. More than 100 residences in this area are affected by the sinkholes' poor drainage capacity. | \$361,750.00 | | | \$361,750.00 | 900 meters | 18.44175 | -66.28031 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Flood Risk Reduction in Laguna I Community - For Laguna I Community, the construction of a retention pond is proposed, in an open space located at the end of main street. The storm sewer system will be redesigned by installing 30" diameter polyethylene pipes to increase the system capacity. The flow of the pond will allow the sinkhole to work more easily and the storm sewer system will be a complement for the reduction of the floods that affect the nearby residences. | Laguna I is a rural community in Espinosa Ward, located on the edge of karstic hills and South of PR-2. Sinkholes are the main drainage feature for this community, both South and North of PR-2. Many residences in this area are affected by the sinkholes' poor drainage capacity and the pipes' small capacity. | \$450,000.00 | | | \$450,000.00 | 250 meters | 18.40473 | -66.28722 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Flood Risk Reduction in Laguna II Community - Laguna II Community does not have a proper storm sewer system. Their existing system (sinkholes) is truly saturated due to constant rain received, which causes floods, affecting residents, nearby residences and municipal and state roads. The flood is aggravated by the back flow received by the nearby pipes. An upgrade to the storm sewer system and retention pond construction is proposed. Re designing system by installing 30" diam. polyethylene pipes to increase the system capacity. The combination of this mitigation will allow a more effective and safe system. | Laguna II is a rural community in Espinosa Ward, located on the edge of karstic hills and South of PR-2. Sinkholes are the main drainage feature for this community, both South and North of PR-2. Many residences in this area are affected by the sinkholes' poor drainage capacity and the pipes' small capacity. | \$460,500.00 | | | \$460,500.00 | 290 meters | 18.40481 | -66.2863 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Flood Risk Reduction in PR-2 Along Jacanas and Mavito Communities - Jacana and Mavito communities have flooding issues due to drainage problems on PR-2 km. 24.9 and saturation of the existing natural drainage system (sinkholes). The system is not draining the amount of water received and is constantly covered, causing mayor flooding problems to residents and main roads. Drainage is extremely important, since PR-2 is a state highway with a large traffic flow. Due to the lack of a proper storm sewer system, the construction of retention pond for a combined and more efficient system is proposed. | Jacanas and Mavito communities are located South and North of PR-2 around km. 24.9. These are rural communities along a main state road, in the Southern portion of Dorado, in Espinosa Ward. | \$243,688.00 | | | \$243,688.00 | 250 meters | 18.40499 | -66.27325 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Flood Risk Reduction in Puertos Community - Puertos Community does not have a proper storm sewer system. Their existing system (sinkholes) is truly saturated due to constant rain received, which causes floods, affecting residents, nearby residences and municipal and state roads. An upgrade to the storm sewer system and retention pond construction is proposed. The system will be redesigned by installing 30" diam. polyethylene pipes to increase the system capacity. The combination of the ponds with the existing sinkholes will allow for a more effective and safe system. | Puertos I is a rural community in Higullar Ward. Sinkholes are the main drainage feature for this community. Many residences in this area are affected by the sinkholes' poor drainage capacity and the pipes' small capacity. | \$883,088.00 | | | \$883,088.00 | 300 meters | 18.43739 | -66.29905 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Flood Risk Reduction in Santa Rosa Community - As part of the mitigation in Santa Rosa Community, the extension of the existing 36" diam pipeline is proposed, taking it to the adjoining creek, which continues until the PR-22 highway. With this proposal, the floods will be reduced, by impacting the system at the lowest point. Runoff waters will run more efficiently, maximizing recent interventions to the system. | Santa Rosa Community is a rural community located in Maguayo Ward. Despite being in a Karst area, runoff flows through a channel and eventually reaches the La Plata River. | \$73,920.00 | | | \$73,920.00 | 300 meters | 18.42025 | -66.27421 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Improvements to South Street Storm Sewer System - South Street (Calle Sur) of the town core does not have a proper storm sewer system. The existing system is not capable of managing the runoff waters received, which causes floods, affecting residents, nearby residences and municipal roads. Therefore, the construction of an effective rainwater sewer system is proposed, designing and installing 24" diam. polyethylene pipes to increase the system capacity and discharging in the La Plata River. The system will allow a more effective and safer street. | South Street is in the Pueblo Ward, and is a street parallel to the central urban area's main street. It is lined with tightly clustered residences on both sides. | \$725,000.00 | | | \$725,000.00 | 450 meters | 18.45825 | -66.26102 | Multi-Hazard Mitigation | |
| Dorado | Municipality | 07/08/20 | Kulan Community Drainage System Upgrade - The proposed project was originally a Special Communities project, and consists in four phases, of which only the first phase, a retention pond, was constructed. The project included the intervention on a channel that runs through the community, and the increase in capacity of the storm sewer system downstream from said channel, including the pipes that pass under PR-2. | Kulan Community is a rural community South of PR-2, which has suffered from flooding problems for a long time because of a channel that runs right through the community. | \$7,800,000.00 | | | \$7,800,000.00 | 875 meters | 18.40303 | -66.30135 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |
| Dorado | Municipality | 07/08/20 | Maguayo Community Drainage System Upgrade - The proposed project consists in a four-phase project, from the results of H-H Study from 2015. The First Phase consists in the construction of a retention pond upstream of the community at the entrance of the main basin of the system. This pond has the purpose of retaining and mitigating flows from the basin upstream of the system and allowing a lesser disengagement to the downstream channel system. Phase II consists in a distribution channel to address the water flow at the communities and be connected with the existing channel that discharges the storm waters at the La Plata River. Phase III and IV consists in the improvement to the existing channel, increasing the size, redistributing levels, adjusting slopes and installing erosion controls. | The Project site is located at Maguayo Ward at Maguayo Community, which consists of El Coño, El Polvorín, La Abra, Los Remigios, Los Davila and Los Torres sectors, Municipality of Dorado. The Maguayo Community drainage system reaches from the upstream to its outfall that crosses PR 494 into the La Plata River. The total watershed area at the Maguayo community is estimated at 13.61 km2 (3,363 acres). | \$9,500,000.00 | | | \$9,500,000.00 | 3,363 acres | 18.4285 | -66.28211 | 100-year flooding | Flooding problems are not associated with a river, but rather with localized flooding. The frequency of floods is higher than for 100 year floods. |



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| Dorado | Municipality | 07/08/20 | Microgrid Calle Industria - This phased project will design and construct a micro grid in the Dorado Town Center. Micro grids will provide power to critical infrastructure and to the people of Puerto Rico while existing systems are down. The importance of the micro grids is to safely and quickly allow the island to restore power to the people. The micro grid will allow Puerto Rico the ability to keep operations up and running when the entire electrical network goes down. Micro grids allow PR to become more resilient, optimize energy costs, and increase sustainability. Microgrids represent a dual-use mitigation activity in that when widespread power outages occur due to emergencies, it is available to provide continuous power to support life safety and increase resiliency. But with Puerto Rico continuing to struggle with power grid issues, these microgrids represent a potential solution to consistent power outages outside of times of disaster. | The micro grid would be located on a lot in the Dorado Town Center, Pueblo Ward. | \$15,000,000.00 | | | \$15,000,000.00 | 10 meters | 18.45756 | -66.2594 | Multi-Hazard Mitigation | |
| Dorado | Municipality | 07/08/20 | PR-854 Bridge Improvements - The proposed project is to upgrade the existing bridge design at PR-854 above the Rio Cocal to ensure that the waterway can handle peak flows during hurricanes and heavy rain events. Additionally, widening the channel at the bridge will ensure debris impact is minimal. The municipality will work in close coordination with USACE to ensure there are no duplication of benefits as they work on Highway 165 and nearby inlets. This project will be phased, with Phase 1 consisting of: H&H study, permitting, feasibility testing, engineering and design, and environmental. Phase 2 will provide funding to complete the construction of the bridge upgrade. The benefit of this drainage improvement project is to lessen the flooding impact, as well as other bodies of water that overwhelm the capacity to handle additional flow. The communities impacted by the flood waters in the event of bridge failure (like Hurricane Maria) will benefit from the project because the communities will potentially avoid property damage, loss of life, and community-wide flooding. | Rio Cocal is located in Mameyal Ward, in a rural area to the East of the Dorado Town Center. This bridge is located on the edge of an urban area East of the La Plata River. | \$982,000.00 | | | \$982,000.00 | 15 meters | 18.45444 | -66.25506 | 100-year flooding | |
| Dorado | Municipality | 07/08/20 | Residential Wind Retrofit - Mameyal & Higullar Communities - This project will retrofit the existing residential roofs, walls, doors and windows to minimize damage to homes from wind and wind driven rain caused by high wind events such as hurricanes in the Mameyal & Higullar areas of Dorado Municipality. All work will be done based on FEMA P-804 Guidance using either Basic, Intermediate or Advanced packages. By enhancing residential structures resilience in wind and wind-driven rain events, the project will reduce the threat of these events to Dorado Residents and increase resilience. | Mameyal and Higullar communities are urban areas in Higullar Ward, which contain a mix of low income families and medium income families. | \$4,000,000.00 | | | \$4,000,000.00 | N/A | N/A | N/A | Hurricane Force Winds | This project could be replicated in other communities in the Municipality. |
| Dorado | Municipality | 07/08/20 | Rio Cocal Widening and Deepening - This phased project will involve the widening and deepening of the Rio Cocal to handle additional runoff and flood waters. Additionally, bank stabilization will prevent erosion in areas that undermine Hwy 165. This project will be phased, with Phase 1 deliverables to include: H&H analysis, permitting, studies, engineering and design, and environmental aspects. Phase 2 will consist of the completed construction of the project. The benefit of this drainage improvement project is to lessen the flooding impact of the Rio Cocal, as well as other bodies of water that overwhelm the capacity for the Rio Cocal to handle additional flow. The communities impacted by the flood waters once Rio Cocal is incapable of handling the additional flow will benefit from the project because they will potentially avoid property damage, loss of life, and community-wide flooding. | Rio Cocal is located in Mameyal Ward, in a rural area to the East of the Dorado Town Center. | \$1,278,990.00 | | | \$1,278,990.00 | 7,000 meters | 18.45381 | -66.23131 | 100-year flooding | |
| Dorado | Municipality | 07/08/20 | Storm Shutters Installation for Municipal Critical Facilities (City Hall, Government Center, Emergency Management Office/Municipal Police, and Municipal Public Works) - The proposed project consists in the installation of roll-up storm shutters for the before mentioned critical facilities that are Municipality owned. With the potential implementation of the CHP Generators to create a micro-grid in the down town of the municipality for the critical facilities, the mentioned shutters system for the facilities would be receiving alternate power from the micro-grid system for proper operation during an emergency event. The primary goal of the Municipality is to be protected against future severe weather conditions and provide an adequate safe work environment to the first responders that need to bring an essential service to the communities to ensure the continuity of services. | The facilities are located downtown at the Pueblo Ward, Municipality of Dorado, mainly along PR-693. The Municipal Critical Facilities have been targeted in the past by flying objects in emergency events like hurricanes, storms and severe weather conditions. The current critical facilities, City Hall, Local Government Center, Emergency Management Office/Municipal Police and Municipal Public Works are in urgent need to be mitigated for wind damage. During Hurricane Maria, the water infiltration through the windows and doors was unavoidable for the mentioned critical facilities, causing damage to the | \$500,000.00 | | | \$500,000.00 | 600 meters | 18.45962 | -66.26265 | Hurricane Force Winds | |
| Fajardo | Municipality | 07/10/20 | Construcción de refugios o rehabilitación de estructuras disponibles para la seguridad y protección de la población expuesta en un evento de Tsunami. Este proyecto tiene como objetivo proteger la vida y la propiedad de las personas desplazadas ante un evento de Tsunami. La acción va dirigida a la construcción o rehabilitación de estructuras que ofrezcan protección y seguridad a la población desplazada y refugiada en o que pueden regresar a sus residencias o permanecer en estos refugios en el caso de que un tsunami impacte a las comunidades, causando un escenario de destrucción total o parcial de las viviendas e infraestructura crítica. | Los lugares actuales de Asamblea son: el cuartel de la Policía Estatal localizado en la Urbanización La Roca en el Barrio Las Cabezas, el Parque de Pelota de las Parcelas Beltrán y el Parque de Pelota de Quebrada Vueltas. | \$2,000,000.00 | N/A | N/A | \$2,000,000.00 | No tenemos esa información disponible al momento. | 18.364907 18.336156 18.301443 | 65.633099 - 65.636454 - 65.643894 | Tsunami | El Municipio de Fajardo cuenta con el Plan de Tsunami y está certificado como Tsunami Ready. Este Plan designa varios lugares de encuentro para que las personas, que podrían sufrir las consecuencias de un tsunami, se agrupen como parte del proceso de desalojo de las comunidades. Sin embargo, los lugares designados son estrictamente de carácter temporero. Son espacios abiertos, sin paredes ni techos que no ofrecen protección a las inclemencias del tiempo. Por tal razón, este proyecto contempla un estudio de viabilidad para determinar la existencia de estructuras que puedan ser rehabilitadas con el propósito de establecer facilidades básicas y adecuadas donde refugiarse. |
| Fajardo | Municipality | 07/10/20 | Construcción de rompeolas en varios segmentos del litoral costero del Municipio de Fajardo. Esta acción se propone como medida de mitigación específicamente frente a las comunidades: Las Croabas y Maternillo. El objetivo de este proyecto es proteger la vida y la propiedad en las comunidades expuestas a los riesgos de marejadas ciclónicas. La acción propuesta contempla un estudio para determinar qué tipo de rompeolas es más conveniente en estas áreas. Además, contempla la reparación de las calles aledañas al rompeolas y proyectos para el control de erosión que eviten el deterioro de la vía pública en eventos de marejadas. | Litoral Costero Las Croabas y Maternillo | \$2,000,000.00 | 1000000 | Fondos Programa de Zona Costanera - DRNA. | \$1,000,000.00 | Aproximadamente 1,000 metros lineales entre los dos rompeolas. | 18.33088 18.362169 | 65.62564 - 65.622938 | Hurricane Storm Surge | |



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|---|---------------|--------------------------------------|--|---|--|---|--|---|--|--|--|--|--|
| Fajardo | Municipality | 07/10/20 | Construcción Segunda Fosa Diques del Río Fajardo. Este proyecto conlleva la construcción de dos diques. Uno a ser localizado en el Pueblo y otro en la Urbanización San Pedro. También conlleva tres estructuras de drenaje, una rampa carretera en dique del Pueblo. Adicional, se contemplan varias medidas de mitigación para compensar los posibles impactos ambientales del proyecto. | Los diques será localizado en el área sur y oeste del Centro Urbano. Uno de ellos será cercano a la Avenida Marcelito Gotay y otro en la parte posterior de la Urbanización San Pedro | \$25,000,000.00 | 10000000 | Fondos DRNA, Fondos Cuerpo de Ingenieros | \$15,000,000.00 | Estos diques impactará aproximadamente un área de 465, 378 metros cuadrados. | 18.318835 | -65.655164 | 100-year flooding | Este Proyecto lleva diseñado por más de 20 años. Sin embargo, el mismo no se ha podido construir debido a la falta de fondos. |
| Fajardo | Municipality | 07/10/20 | Desarrollar un estudio HH para determinar medidas de mitigación efectivas que eliminen o reduzcan la inundación en la entrada del casco inundación en la entrada del casco urbano del pueblo producto de una quebrada. Este proyecto tiene como objetivo principal evitar las inundaciones y bloqueo de las carreteras. Además, proteger la vida y la propiedad. | Quebrada que pertenece a la cuenca del río Fajardo. Atraviesa el Centro Urbano de noroeste a sureste hasta llegar a la desembocadura del río Fajardo. | \$150,000.00 | N/A | N/A | \$150,000.00 | Aproximadamente 1232 metros lineales desde el punto de la quebrada en el centro urbano, que está parcialmente canalizada, hasta conectar con el río. | 18.322729 | -65.649957 | 100-year flooding | El estudio HH se desarrollará para determinar las medidas de mitigación estructurales o no estructurales a realizar con el propósito de corregir las inundaciones que produce la quebrada en la entrada sureste del Pueblo, específicamente en la intersección de la Ave. Marcelito Gotay las calles Progreso y Unión. |
| Fajardo | Municipality | 07/10/20 | El Municipio ha identificado aproximadamente sobre 200 casas abandonadas que se encuentran en el proceso de ser declaradas como estorbos públicos. Luego estableceremos un plan e inventario de cada propiedad desocupada y amueblada y desarrollar estrategias para acelerar los procesos. Las propiedades declaradas impedimentos públicos serán adquiridas por el Municipio y se creará un programa de vivienda para reventa o alquiler. | A través de todo el Municipio | \$2,000,000.00 | N/A | N/A | \$2,000,000.00 | No tenemos esa información disponible al momento. | | | 100-year flooding | La prioridad para este programa serían las personas que perdieron sus hogares con el huracán María y las personas que viven en lugares inundados y en riesgo de deslizamiento |
| Fajardo | Municipality | 07/10/20 | El municipio ha solicitado al Departamento de Recursos Naturales que transfiera las instalaciones de Seven Seas Beach al Municipio. Esta área tiene riesgo de tsunami. El proyecto propuesto consiste en la construcción de estructuras verticales diseñadas para servir como refugio de evacuación vertical en la playa de las siete mares para un evento de tsunami. También sirve como un espacio de estacionamiento diario de varios pisos para las instalaciones de Seven Seas Beach. | Localizado en el Bo. Las Croabas cerca del Balneario Seven Seas | \$6,000,000.00 | N/A | N/A | \$6,000,000.00 | No tenemos esa información disponible al momento. | 18.366387 | -65.637922 | Tsunami | El objetivo principal de este proyecto es salvar la vida de las personas que visitan las instalaciones de la playa. La construcción de este estacionamiento aumentaría la capacidad de estacionamiento y serviría como un activo económico adicional |
| Fajardo | Municipality | 07/10/20 | El municipio tiene varias instalaciones críticas que fueron muy importantes después del huracán María. Tres de ellos son: el estacionamiento municipal multinivel, el estadio municipal Pérez Alberto y el colegio municipal Tomás Donés. Estas instalaciones no cumplen con los códigos de construcción actuales. Por lo tanto, el Municipio llevará a cabo una reconstrucción de estas instalaciones para llevarlos a código para la protección de vientos, inundaciones y riesgo sísmico. El municipio modernizaría estos tres edificios críticos con el endurecimiento estructural apropiado. | Parque Concepción Pérez Alberto, Colegio Tomás Donés, Estacionamiento Multipisos | \$50,000,000.00 | N/A | N/A | \$50,000,000.00 | No tenemos esa información disponible al momento. | 18.331234, 18.3010783, 18.3252993 | -196.9849208 | Earthquakes | Estas tres facilidades han sido claves para los trabajos realizados en diferentes eventos atmosféricos. El Estacionamiento Multipisos ha servido para almacenar vehículos oficiales para protegerlos de los fuertes vientos e inundaciones. El Colegio Tomás Donés ha sido utilizado como centro de acopio de alimentos a nivel regional utilizado por los municipios de Ceiba y Luquillo y el Parque Concepción Pérez Alberto fue utilizado por FEMA, SBA como centros de asistencia individual a los ciudadanos. |
| Fajardo | Municipality | 07/10/20 | Este proyecto proporcionará protección contra las inundaciones molestas, ya que propone mejorar las alcantarillas pluviales y abordar la intrusión de aguas residuales en las alcantarillas pluviales que causan daños a las viviendas y empobrecen la calidad de vida durante los eventos de lluvia extrema. El proyecto propone tener un sistema de alcantarillado pluvial de buen tamaño e instalar una nueva alcantarilla sanitaria para abordar la intrusión de aguas residuales en las alcantarillas pluviales. Este proyecto brindará protección a los hogares y propiedades de las personas y enriquece la calidad de vida de las personas, ya que reduce la exposición a las aguas residuales. Además, brinda protección a las aguas superficiales que las alcantarillas se descargan en un arroyo que es tributario del río Fajardo, que a su vez desemboca en el Océano Atlántico, un agua utilizada para actividades recreativas. Además, la instalación de la nueva alcantarilla sanitaria proporcionará acceso para conectar 269 casas adicionales que protegerán más comunidades de las inundaciones molestas y la exposición a las aguas residuales. | Localizada en la Urbanización Santa Rita, colindando con la carretera #3, Parcelas Luis M. Cintrón | \$12,000,000.00 | N/A | N/A | \$12,000,000.00 | No tenemos esa información disponible al momento. | 18.309846 | -65.648092 | 100-year flooding | Este proyecto apoya las actividades enumeradas en el plan municipal de mitigación de riesgos para reducir los riesgos de inundaciones. |
| Fajardo | Municipality | 07/10/20 | La construcción del Puente como una expansión de la Autopista Marcelito Gotay, una carretera municipal que resultaría en una infraestructura de transporte de acceso público para ser utilizada como un medio alternativo de evacuación para miles de residentes en caso de inundaciones resultantes de huracanes, tsunamis u otros desastres | Calle Matadero localizada en Bo. Quebrada Vueltas | \$14,178,400.00 | N/A | N/A | \$14,178,400.00 | No tenemos esa información disponible al momento. | 18.32863 | -65.646104 | Hurricane Force Winds | |
| Fajardo | Municipality | 07/10/20 | Mantenimiento de diques existentes. El sistema de diques consta de dos segmentos (Santa Isidra y Punta Fajardo Sur) que fueron constituidos para reducir la ocurrencia de inundaciones en las comunidades del Río Fajardo. Los diques tienen 15 pies de alto y un poco más de media milla de longitud combinada. El Cuerpo de Ingenieros del Ejército de EE. UU. (USACE) completó la construcción del sistema en 2008 y lo entregó al Departamento de Recursos Naturales y Ambientales (DRNA) de Puerto Rico, que es responsable de operar y mantener los diques, canales asociados y componentes estructurales. El sistema brinda beneficios a aproximadamente 1,600 personas que trabajan o viven detrás del dique, con un valor de propiedad de \$ 103 millones. Actualmente, el Municipio de Fajardo se encuentra negociando un Convenio con el DRNA para transferirle al Municipio, el mantenimiento de los diques. Esto debido a que desde el 2013, el DRNA no le provee mantenimiento a los diques. La falta de mantenimiento puede afectar la capacidad de los mismos en la protección contra eventos de inundaciones. | El dique Punta Fajardo está localizado en la desembocadura del Río Fajardo en el lado sur de las comunidades Manáñón del Sapo y Maternillo. El dique Santa Isidra está localizado en el lado norte del Río Fajardo al sur de la urbanización Villas de Puerto Real. | \$2,000,000.00 | N/A | N/A | \$2,000,000.00 | El dique Punta Fajardo tiene una longitud de .47 millas. El dique Santa Isidra tiene una longitud de .22 millas | 18.327678 | -65.63107 | 100-year flooding | Se espera formalizar el Convenio para mantenimiento de los diques de Fajardo entre el Municipio y el DRNA a finales del mes de julio de 2020. |
| Fajardo | Municipality | 07/10/20 | Mejorar y rehabilitar muelles y edificios asociados en los puertos para aumentar su resistencia a desastres, marejadas, vientos dañinos y aumento del nivel del mar en el antiguo Ferry de la Terminal Fajardo en Playa Puerto Real | Fajardo Ferry Terminal Bo. Playa Puerto Real | \$50,000,000.00 | N/A | N/A | \$50,000,000.00 | No tenemos esa información disponible al momento. | 18.3345308 | -65.6333558 | Hurricane Force Winds | La reconstrucción de esta Terminal de Ferry representa un problema de seguridad ya que esta Terminal puede usarse como una ruta de evacuación alternativo para miles de residentes de Vieques, Culebra y las Islas Virgenes en caso de huracanes, tsunamis u otros desastres naturales. |
| Guayama | Municipality | 07/17/20 | The project area comprises 1,202 linear meters of seacoast (coastal zone) of the municipality of Guayama that was severe affected by Hurricane Maria. The critical erosion has put at risk the community's safety, also public and private buildings along the coast. The project will be designed to address the immediate coastal protection needs through the implementation of economically viable protection works using environmentally and socially appropriate solutions. The completed project shall comply with all Federal, State and local rules and regulations. (High Priority) The proposed project will decrease flood risk, sea level rise, coast erosion and increases water sector resilience to future disasters by preventing flooding, soil erosion, damages, and service/transportation interruption. All investment projects would be implemented based on participative planning, professional engineering designs and environmental experts using state of the art techniques and solutions for environmental progress. The project success will protect the lives (community) and properties of Guayama Municipality. | Bo. Barrancas Guayama, PR 00784 #CATASTRO 441-000-010-01 | \$7,000,000.00 | \$- | \$- | \$7,000,000.00 | | 17.944418 | -66.132573 | | \$7,000,000.00 This cost 1,202 linear meters and the specialize studies required to prevent coastal erosion. It's impact is address to protect life (citizens and marine life) and property and the ecosystem |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|---|
| Guayama | Municipality | 07/17/20 | The project area comprises 3,298 linear meters of seacoast (coastal zone) of the municipality of Guayama that was severe affected by Hurricane Maria. The critical erosion has put at risk the community's safety, also public and private buildings along the coast. The project will be designed to address the immediate coastal protection needs through the implementation of economically viable protection works using environmentally and socially appropriate solutions. The completed project shall comply with all Federal, State and local rules and regulations. [High Priority]the proposed project will decrease flood risk, sea level rise, coast erosion and increases water sector resilience to future disasters by preventing flooding, soil erosion, damages, and service/transportation interruption. All investment projects would be implemented based on participative planning, professional engineering designs and environmental experts using state of the art techniques and solutions for environmental progress. The project success will protect the lives (community) and properties of Guayama Municipality. | Bo. Pozuelo Guayama, PR. 00784 #CATASTRO 441-000-007-04 | \$30,000,000.00 | \$- | \$- | \$30,000,000.00 | | 17.936262 | -66.172659 | | \$30,000,000.00 This cost includes 3,298 linear meters and the specialize studies required to prevent coastal erosion. It's impact is address to protect life (citizens and marine life) and property and the ecosystem |
| Guayama | Municipality | 07/17/20 | The project area comprises 560 linear meters of seacoast (coastal zone) of the municipality of Guayama that was severe affected by Hurricane Maria. The critical erosion has put at risk the community's safety, also public and private buildings along the coast. The project will be designed to address the immediate coastal protection needs through the implementation of economically viable protection works using environmentally and socially appropriate solutions. The completed project shall comply with all Federal, State and local rules and regulations. [High Priority] The proposed project will decrease flood risk, sea level rise, coast erosion and increases water sector resilience to future disasters by preventing flooding, soil erosion, damages, and service/transportation interruption. All investment projects would be implemented based on participative planning, professional engineering designs and environmental experts using state of the art techniques and solutions for environmental progress. The project success will protect the lives (community) and properties of Guayama Municipality. | Bo. Machete Guayama, PR. 00784 #CATASTRO 442-000-002-19 | \$4,000,000.00 | \$- | \$- | \$4,000,000.00 | | 17.949456 | -66.115082 | | \$4,000,000.00 This cost include 560 linear meters and the specialize studies required to prevent coastal erosion. It's impact is address to protect life (citizens and marine life) and property and the ecosystems. |
| Guayama | Municipality | 07/17/20 | The project area comprises 1,873 linear meters of sea coast (coastal zone) of the municipality of Guayama that was severe affected by Hurricane Maria. The critical erosion has put at risk the community's safety and public and private buildings along the coast. The project will be design to address the immediate coastal protection needs through the implementation of economically viable protection works using environmental and social appropriate solutions. The complete project shall comply with all Federal State and local rules and regulations. [High Risk] The proposed project will decrease flood risk, sea level rise, coast erosion and increases water sector resilience to future disasters by preventing flooding, soil erosion damages and service /transportation interruption. All investments projects will be implemented base on participative planning, and engineer and environmental experts. The expected result will protect lifes and properties of Guayama Municipality. | Bo. Las Mareas Guayama, PR. 00784 #CATASTRO 441-000-009-03 | \$10,000,000.00 | \$- | \$- | \$10,000,000.00 | | 17.929801 | -66.15759 | | \$10,000,000.00 This cost includes 1,873 linear meters and the specialize studies required to prevent coastal erosion. It's impact is address to protect life (citizens and marine life) and the ecosystems |
| Guayama | Municipality | 07/17/20 | The project includes supply and installation of a 25kW Diesel generator along with automatic transfer switch (ATS), switchboard and a back-up fuel tank (100 gallons) at the "Escuela Bo. Barrancas", a facility that does not currently have a generator. This facility provides essential services to the municipality and community. Preliminary load requirements are based on building owner/facility manager. The generator is sized to operate the critical functions of the facility in the case of a power outage. The proposed project will ensure the facility is able to provide uninterrupted critical functions in the event of future power outages for up to 200 hours. During Hurricane Maria the facility was closed for 90 days before the emergency generators could be provided, or power was restored. | Bo. Barrancas calle 3 Guayama, PR. 00784 #CATASTRO 441-070-207-48 | \$100,000.00 | \$- | \$- | \$100,000.00 | | 17.947581 | -66.128595 | | |
| Guayama | Municipality | 07/17/20 | The project includes supply and installation of a Solar Roof Type Photovoltaic Module System (10kW) (Renewable Energy), automatic transfer switch (ATS), switchboard, inverter and batteries at the "Escuela Bo. Barrancas". This facility provides emergency shelter and storage. The Solar Energy System is sized to operate the critical functions of the facility in the case of a power outage as well of energy cost reduction and a chance to be off-grid. (Medium Priority) During Hurricane Maria the community of Barrancas, does not had a first response center, the town is too far from the community. For that reason, the proposed project will ensure to provide uninterrupted critical functions in the event of future power outages and the availability to provide medical support, emergency shelter and technology to more than 100 families. | Bo. Barrancas calle 3 Guayama, PR. 00784 #CATASTRO 441-070-207-48 | \$60,000.00 | \$- | \$- | \$60,000.00 | | 17.947581 | -66.128595 | | |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to install a Tsunami warning system. To send a sound alarms to the community. The main purpose of this project is mitigate prevent damage and loss of lives. In the community of high risk to tsunami. The warning system alerts provide time to the people to evacuate in the impact area, to move on high ground. As for each community has is evacuate plan. | Centro Comunal Mosquito Carr. PR. #3 Parada #1 Guayama PR. 00784 #CATASTRO 440-009-528-03 | \$40,000.00 | \$- | \$- | \$40,000.00 | | 17.9661 | -66.1998 | | \$40,000.00 This cost include constructions, desing and installation, sound text. This equipment require special machine, to installer. |
| Guayama | Municipality | 07/17/20 | The proposed potential project consists in the demolition of the bridge, debris removal, hauling and final disposal. At present this bridge provoke the river overflow which drags debris and other vegetative material toward the residences of Monte Rio Community of Guamaní Sector. The main purpose is to reduce flood risk, prevent harm, save life and minimize property damages. It's important to point out that this community has experienced material loss in the past due to the river overflow. | Urb. Villa Monte Rio Carr. 079 k.m. 1.5 Guayama, PR. 00784 #CATASTRO 397-052-410-08 | \$500,000.00 | \$- | \$- | \$500,000.00 | | 18.0111 | -66.4464 | | \$500,000.00 This cost includes demolition of the bridge, debris removal, hauling and final disposal. |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to adquire a water tank with the capacity necessary to have a resilient building that has all the security components: the Management Emergency Office, the Municipal Police, Medical Emergency Services and the EOC staff to attend local recovery and execution. The main purpose is to have a potable water reservoir during the interruptions of this service in emergency situations and natural disasters to the benefit of the personnel (security components) to guarantee the continuity of operations. | Expreso 53 Int. Carr. 7711. Conector Dulce Sueño Guayama, PR 00784 #CATASTRO 419-060-464-02 | \$150,000.00 | \$- | \$- | \$150,000.00 | | 17.981 | -66.126 | | \$150,000.00 This cost includes the adquisition and installment of a water tank with a thrifty thousands (30,000) gallons, a water pump system and the cost of the evaluation needed to determine its specific location at the referred building. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|---|
| Guayama | Municipality | 07/17/20 | The proposed potential project is to acquire a water tank with the capacity necessary to have a resilient building to the administrative personnel and the security components addressing community essential services in the execution of the recovery plan. The main purpose is to have a potable water reservoir during the interruptions of this service in emergency situations and natural disasters to the benefit of the administrative personnel and the security components to guarantee the continuity of operations and essential community services. | Calle Vicente Palés #2 Este Guayama P.R. 00784 #CASTASTRO- 420-032-087-02 | \$7,000.00 | \$- | \$- | \$7,000.00 | | 17.9859 | -66.1136 | | \$7,000.00 This cost includes the acquisition and instalment of a water tank with a two thousands (2,000) gallons, a water pump system and the cost of the evaluation needed to determine its specific location at the referred building. |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to acquire a water tank with the capacity necessary to have a resilient building to the Alternative EOC location to coordinate the emergency response. The main purpose is to have a potable water reservoir during the interruptions of this service in emergency situations and natural disasters to the benefit of the personnel (security components) to guarantee the continuity of operations. | Urb. La Hacienda Calle Principal Int. Ave. Jose A. Torres Guayama, P.R. 00784 #CASTASTRO 420-082-477-52 | \$20,000.00 | \$- | \$- | \$20,000.00 | | 17.9703 | -66.1168 | | \$20,000.00 This cost includes the acquisition and instalment of a water tank with a ten thousands (10,000) gallons, a water pump system and the cost of the evaluation needed to determine its specific location at the referred building. |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to install a more capacity to the tsunami warning system. To improve the capacity of the actual equipment. The main purpose of this project is mitigate prevent damage and lost of lives. In the community of high risk to Tsunami. The warning system alerts provide time to the people to evacuate in the impact area, to move on high ground. As for each community has its evacuate plan. | Bo. Pazuelo Carr. PR # 7710 Guayama, PR 00784 #CASTASTRO 440-000-009-01 | \$60,000.00 | \$- | \$- | \$60,000.00 | | 17.9418 | -66.2019 | | \$60,000.00 This cost include constructions, desing and installation, sound text to amplify and up grade the equipment. This equipment require special machine, to installer. |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to install a tsunami warning system. To send a sound alarms to the community. The main purpose of this project is mitigate prevent damage and lost of lives. In the community of high risk to Tsunami. The warning system alerts provide time to the people to evacuate in the impact area, to move on high ground. As for each community has its evacuate plan. | Bo. Barrancas calle 3 Guayama, PR 00784 #CASTASTRO 441-070-207-48 | \$40,000.00 | \$- | \$- | \$40,000.00 | | 17.9473 | -66.128 | | \$40,000.00 This cost include constructions, desing and installation, sound text. This equipment require special machine to installer. |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to install a tsunami warning system. To send a sound alarms to the community. The main purpose of this project is mitigate prevent damage and lost of lives. In the community of high risk to Tsunami. The warning system alerts provide time to the people to evacuate in the impact area, to move on high ground. As for each community has its evacuate plan. | Bo. Branderi Carr. PR #748 Guayama, PR 00784 #CASTASTRO 420-096-639-25 | \$40,000.00 | \$- | \$- | \$40,000.00 | | 17.9679 | -66.0884 | | \$40,000.00 This cost include constructions, design and installation, sound text. This equipment require special machine, to installer |
| Guayama | Municipality | 07/17/20 | The proposed potential project is to install shutters to avoid damage to the facility, from rain water, wind, flying object, flood and Debris. The main purpose of this project is mitigate damage to the windows, doors, equipment, and facility. This facility is a cultural and museum they have many art collection and antiques pieces. This facility is visited for many people and artist. | Casa del Rey Calle Genaro Cautiño esq. Ashford Guayama, PR 00784 #CASTASTRO 420-032-062-03 | \$50,000.00 | \$- | \$- | \$50,000.00 | | 17.9868 | -66.1127 | | \$50,000.00 This cost include constructions, desing and installation. To reduce repetitive damages and protection for natural disaster |
| Guayama | Municipality | 07/17/20 | The proposed potential project to avoid the flooding in the region on this community. Include a Hydrology and Hydraulic study (H&H) to determine the proper design of the pluvial system and its construction. The main purpose is mitigate the flooding problem and the prevention of possible flood in the future. The actual creek rain collector, provoke damages to the residential structures.. | Bo. Corazon Carr. PR 748 Guayama, PR 00784 #CASTASTRO 420-000-004-06 | \$500,000.00 | \$- | \$- | \$500,000.00 | | 17.9835 | -66.0869 | | \$500,000.00 This cost include study (H&H) construction and desing project. To reduce repetitive damages. |
| Guayama | Municipality | 07/17/20 | The proposed potential project to avoid the flooding in the region on this community. Include a Hydrology and Hydraulic study (H&H) to determine the proper design of the pluvial system and its construction. The main purpose is mitigate the flooding problem and the prevention of possible flood in the future. The actual creek rain collector, provoke damages to the residential structures. | Bo. Branderi Carr. PR #748 Guayama, PR 00784 #CASTASTRO 420-000-003-01 | \$500,000.00 | \$- | \$- | \$500,000.00 | | 17.9641 | -66.098 | | \$500,000.00 This cost include study (H&H) constructions and desing project. To reduce repetitive damages. |
| Guayama | Municipality | 07/17/20 | The proposed potential project to avoid the flooding in the region on this community. Include a hydrology and hydraulic study (H&H) to determine the proper design of the pluvial system and its construction. The main purpose is mitigate the flooding problem and the prevention of possible flood in the future. The actual creek rain collector, provoke damages to the residential structures. | Quebrada Green Hills Calle Girasol Guayama, PR 00784 #CASTASTRO 420-076-287-46 | \$3,000,000.00 | \$- | \$- | \$3,000,000.00 | | 17.9756 | -66.0929 | | |
| Guayama | Municipality | 07/17/20 | The proposed potential project to avoid the flooding in the region on this community. Include a Hydrology and Hydraulic study (H&H) to determine the proper design of the pluvial system and its construction. The main purpose is mitigate the flooding problem and the prevention of possible flood in the future. The actual channel rain collector, provoke damages to the residential structures. | Bo. Mosquito Calle Pescao Carr. PR#3 Guayama, PR 00784 #CASTASTRO 440-000-004-03 | \$500,000.00 | \$- | \$- | \$500,000.00 | | 17.9629 | -66.2073 | | \$500,000.0 This cost include study (H&H) constructions and desing project. To reduce repetitive damages. |
| Guayama | Municipality | 07/17/20 | The proposed potential project to avoid the flooding in the region as this community, include a Hydrologic Study (H&H) to determine the proper desing of the pluvial system and its construction. The main purpose is mitigate the flooding problem and the prevention of a possible collapse of the actual pluvial system that can provoke damages to the residential structures. | Urb. Villa Real Guayama, PR 00784 #CASTASTRO 420-069-339-82-000 | \$2,000,000.00 | \$- | \$- | \$2,000,000.00 | | 17.9662 | -66.067468 | | \$2,000,000.00 This cost includes the analysis and implementation of a pluvial control system in Urbanization Villa Real a Guayama, Puerto Rico |
| Guayama | Municipality | 07/17/20 | The proposed potential project to buy a new building includes the relocation of the security components. The main purpose is to incorporate all security components in one building to reduce response time and maximize resources in emergency situations or natural disasters. | Expreso 53 Int. Carr. 7711, Conector Dulce Sueño Guayama, PR 00784 #CASTASTRO 419-060-464-02 | \$6,000,000.00 | \$- | \$- | \$6,000,000.00 | | 17.981 | -66.126 | | \$6,000,000.00 Adquisition, repair and conditioning of the structure in order to relocate the security components that includes the Emergency Management Office, the EOC, the Municipal Police and the Medical Emergency Services |
| Guayama | Municipality | 07/17/20 | The proposed project will transform the facility school Bo. Barrancas, as a community safe room (resilient building). The facility will provide technology services such as computers and call station, health assistance and food supplies. The facility be constructed in accordance with FEMA P-361 and ICC criteria. (High Priority). During Hurricane María the community of Barrancas, doesn't had a first response center, the town is too far from the community. For that reason, the proposed project will ensure to provide uninterrupted critical functions in the event of future power outages and the availability to provide medical support, emergency shelter and technology to more than 100 families. | Bo. Barrancas calle 3 Guayama, PR 00784 #CASTASTRO 441-070-207-48 | \$150,000.00 | \$- | \$- | \$150,000.00 | | 17.947581 | -66.128595 | | |
| Guayama | Municipality | 07/17/20 | The "Escuela Bo. Barrancas" is a public facility that consist of two-story concrete building use as a shelter and storage space for the rural community. It is necessary to keep the facility in optimal conditions and safe from the future natural events such as hurricanes. Therefore, the installation of steel storm shutters system is proposed to prevent damages from hurricane force winds, wind driven rain or windborne debris and provide essential emergency response compliance as a future safe room. The completed work shall comply with all Federal and local rules and regulations. (High Priority) This proposal guarantees the safety of people who use this facility as part of their social and work function. Therefore, the creation of an environment isolated from catastrophic situations minimizes the negative impact on the user's quality of life. It also avoids generating damage to life or property that may be caused by extreme conditions due to heavy rains driven by hurricane winds and in turn by debris that can become projectiles. | Bo. Barrancas calle 3 Guayama, PR 00784 #CASTASTRO 441-070-207-48 | \$50,000.00 | \$- | \$- | \$50,000.00 | | 17.947581 | -66.128595 | | |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|--|--|
| Guayanilla | Municipality | 08/20/20 | Adquisición y reubicación de estructuras que tienen pérdidas repetitivas en el sector San Pedro de Macorís en el Barrio Playa. La comunidad entera está ubicada en un área de riesgos, carece de la infraestructura de drenaje de aguas pluviales y padece de pérdidas consecutivas durante eventos de tormentas. | | \$500,000.00 | 500,000.00 | CDBG MIT | 500,000.00 | 500,000.00 | | | | | |
| Guayanilla | Municipality | 08/20/20 | Análisis estructurales para refugios municipales e identificar reforzamiento estructural para sismos (temblores) y riesgos de tormenta de viento. Este análisis se hará en las siguientes estructuras. Escuela Hipólito García. Escuela Consuelo Feliciano. Esc. Superior Asunción Rodríguez de Salas. Y otras facilidades comunales. | | \$1,000,000.00 | 1,000,000.00 | CDBG MIT | 1,000,000.00 | 500,000.00 | 18.035745 18.0325 18.017155 | -66.80197 -66.800571 -66.77212 | | | |
| Guayanilla | Municipality | 08/20/20 | Implementación de un programa de estabilización de pendientes, muros, laterales y mejoras a caminos rurales en los sectores de la montaña. Ba. Quebrada PR-398 Km 1.4. Se propone utilizar métodos de siembras de árboles nativos que ayuden a mantener niveles saludables de agua en la cuenca para los periodos de sequía y a su vez mantener la estabilidad de los taludes al evitar la erosión de los terrenos. | | \$2,000,000.00 | 2,000,000.00 | CDBG MIT | 2,000,000.00 | Guayanilla | | | | | |
| Guayanilla | Municipality | 08/20/20 | Limpieza canales, sistema bombeo y charca retención. Medidas de control de inundaciones en la comunidad del Faro de Guayanilla. A raíz de los recientes Terremotos en nivel de los terrenos en el Faro de Guayanilla bajo. Esto está afectando el nivel freático y la capacidad de descargas pluviales en toda el área. Mediante este proyecto se promueve: Primero: la limpieza canales para aumentar su capacidad de recadido y disposición de las aguas pluviales en la zona. Segunda: L adquisición de un sistema de bombas para disponer de las aguas pluviales a charcas d tención o al mar. Tercero: Compra terrenos y cnstrucción sistema de charcas de retención para facilitar el manejo y disposición de las aguas pluviales. El proyecto incluire un estudio socioeconómico para determinar la viabilidad de relocalizar aquellas familias afectadas, que voluntariamente interesen ser relocalizados. La justa compensación por sus terrenos y/o estructuras. Junto alternativas de vivienda, mediante un proyecto coordinado con la comunidad. | Faro Guayanilla | \$3,500,000.00 | 3,500,000.00 | CDBG MIT | 3,500,000.00 | 10 CUERDAS | 18.002813 | -66.774754 | | | |
| Guayanilla | Municipality | 08/20/20 | Limpieza canales, sistema bombeo y charca retención. Medidas de control de inundaciones en la Playa de Guayanilla. A raíz de los recientes Terremotos en nivel de los terrenos en la Playa de Guayanilla bajo. Esto está afectando el nivel freático y la capacidad de descargas pluviales en toda el área. Mediante este proyecto se promueve: Primero: la limpieza canales para aumentar su capacidad de recadido y disposición de las aguas pluviales en la zona. Segunda: L adquisición de un sistema de bombas para disponer de las aguas pluviales a charcas d tención o al mar. Tercero: Compra terrenos y cnstrucción sistema de charcas de retención para facilitar el manejo y disposición de las aguas pluviales. | Playa Guayanilla | \$3,000,000.00 | 3,000,000.00 | CDBG MIT | 3,000,000.00 | 15 CUERDAS | 17.9955575 | -66.786726 | | | |
| Guayanilla | Municipality | 08/20/20 | Mediante este proyecto se propone llevar a cabo los estudios de ingeniería necesarios para proponer alternativas para el recogido, manejo y disposición de las aguas pluviales en la zona urbana de Guayanilla. | | | | | | | 18.021048 | -66.792402 | | | |
| Guayanilla | Municipality | 08/20/20 | Medidas control de inundaciones 1. Villa del Rio | Description of Engineering Effort: An additional 2' of freeboard can be added quickly and with little additional real estate by using sheetpile, which is a corrugated heavy-gage metal sheet pounded into the ground and backfilled on the protected side by compacted earth. By using the known flood patterns, the exact location of the sheetpile requirement can be inferred. The use of sheetpile is common in New Orleans and along the Mississippi River. Description of Benefits: There are two immediate benefits to emplacing the sheetpile. First, the Municipality will be able to reduce the flooding damage in the area. The Rio Guayanilla runs through the densely populated area of town. Because of the limited carrying capacity of the river, there are several known areas where the river spills from its banks when there is a substantial rain event in its watershed. These areas are where the river makes a turn. These turns cause water to pile up on the outside curve, making the water height greater. Thus, additional freeboard is needed in these turn areas. One of these known flooding areas is Urbanization Santa Elena. Description of Engineering Effort: An additional 2' of freeboard can be added quickly and with little | | \$650,000.00 | 650,000.00 | CDBG MIT | 650,000.00 | 1 cuerda | 18.017136 | -66.786879 | | |
| Guayanilla | Municipality | 08/20/20 | Medidas control de inundaciones 2. Area Comercial Napo Velez | | \$650,000.00 | 650,000.00 | CDBG MIT | 650,000.00 | 1 cuerda | | | | | |
| Guayanilla | Municipality | 08/20/20 | Sistema pluvial casco urbano. El casco urbano del municipio de Guayanilla históricamente se ha vist afectado por inundaciones que afectan áreas residenciales, comerciales y oficinas del Gobierno Estatal y Municipal. | Centro urbano Guayanilla | \$5,000,000.00 | 5,000,000.00 | CDBG MIT | 5,000,000.00 | Alrededor 5 cuerdas | 18.015107 | -66.7866706 | | | |



Proposed Mitigation Projects Log/
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| Guaynabo | Municipality | 07/01/20 | BOX CULVERT AT FRAILES AND MARGARITA STREAMS: The Box Culvert where the Frailes and Mariquita streams run do not have capacity to manage flow and direction of water during rainy events. Large amounts of debris and sediment brought by waters aggravate the situation. Structure is part of only road access to community. Situation causes constant overflow to Box Culvert, leaving 145 families isolated, as well as flooding in 20+ residences, erosion of Channel slopes, and large amount of debris causing damage to private properties. As mitigation municipality maintains heavy machinery in area to minimize damage to life and property. | El Alamo Drive, Parkville Terrace, Frailes Ward, Guaynabo (See Coordinates) | \$2,000,000.00 | \$1,000,000.00 | HMGF SECTION 404 | \$1,000,000.00 | 100 METERS | 18.366453 | -66.1055 | 100-year flooding | With the successful completion of this project, replacement of the box culvert as a minor flood control activity, 145 residences will not be isolated by flooding in the specified area preventing exposure to hazardous or dangerous conditions. 20+ residences in the problem area will no longer be damaged by flooding. With the substitution of the Box Culvert, the new structure will be able to manage the typical amount of debris. Additionally, erosion to the Channel slopes would be drastically reduced. |
| Guaynabo | Municipality | 07/01/20 | Develop and implement an aggressive education Plan for the entire community about the hazard events evaluated in the multi risk mitigation plan, which includes those that have historically occurred and those that are likely to occur. The Plan will be carried out through various means to disseminate the information developed, such as social networks. Communities will be visited and partnerships will be held with entities to guide them personally and address their direct concerns on the issue of how to prepare to protect life and property in the event of a disaster. | 50 Calle José De Diego | \$100,000.00 | | | \$100,000.00 | Throughout the municipality | 18.3586639 | -66.1125162 | Multi-Hazard Mitigation | A vital strategy in the process of prevention and response to a disaster event is to have an educated and oriented community. With this project we will be able to create resilient communities with the capacity to respond and recover from the different events that represent natural disaster risks, reaching 100% of the population in a preventive way. |
| Guaynabo | Municipality | 07/01/20 | Generators for Medical Emergency Services Critical Facilities: This project includes three Critical Centers for Diagnostic Treatment and Emergency Services (CDE). 1) Facility: Guaynabo City Medical Mall, Main Medical Center - Cadastre: 114-032-022-46-000 - Coordinates: 18.36137, -66.113797 2) Facility: CDT Hato Nuevo - Cadastre: 143-084-005-57-901 - Coordinates: 18.31388, -66.10279 3) Facility: CDT Amelia - Cadastre: 062-012-596-01-000 - Coordinates: 18.43246, -66.11774 The proposed project will ensure the facilities are able to provide uninterrupted power for critical functions in the event of future power outages for a prolonged period of time. The buildings provide emergency medical care services among other medical services to the Guaynabo population and surrounding population, totaling 100,000+ people. | Ave. Las Cumbres 140, Guaynabo | \$500,000.00 | | | \$500,000.00 | Three different lots | 18.36137 | -66.113797 | Multi-Hazard Mitigation | The project includes supply and installation of an 3 diesel generators, 400kw, 200kw and 100kw along with an automatic transfer switches, these critical facilities are in need of redundant power supplies. The facilities have among other medical services, emergency medical rooms for the surrounding community. Preliminary load requirements are based on load capacity. The generators are sized to operate the critical functions of the facilities in the case of a power outage. |
| Guaynabo | Municipality | 07/01/20 | Improvements to critical municipal facilities severely affected by hurricanes Irma and Maria List of Facilities Centro de Gobierno (114-042-001-07) Manejo de Emergencias (086-093-777-15) Centro Operacional y Almacén General (143-000-002-86, 143-034-732-04) Guaynabo Medical Mall (114-032-022-46-000) CDT Amelia (062-012-596-01-000) Centro de Usos Múltiples Hato Nuevo (143-084-005-57-901) Centro de Usos Múltiples Guaraguao (142-049-987-48) Centro de Usos Múltiples Santa Rosa II (142-019-035-15) Centro de Usos Múltiples Santa Rosa III (113-019-935-76) Centro de Usos Múltiples Amelia (062-002-075-09) Analyzing the impact of the hurricanes in Guaynabo, we can establish that public facilities are not prepared to resist the impact of this type of event. Its impact was so severe that a New Building Code (PRBC) was implemented, it regulates for the 1st time roof covering (built up roof) and windows that support 200 miles per hour winds. The project, will attend 10 critical facilities severely affected by the hurricanes, which will lead to compliance with PRBC roof covering (built up roof) and window elements. A total of 375,246 sq ft of roofs and 1,125 windows will be replaced to meet PRBC. | 50 Calle José De Diego | \$3,752,000.00 | | | \$3,752,000.00 | 375,246 sq ft | 18.3586639 | -66.1125162 | Multi-Hazard Mitigation | With the implementation of the project, Repair Critical Municipal Facilities severely affected by hurricanes Irma and Maria, 10 critical facilities in our municipality, will be upgraded to comply with the Puerto Rico Building Code. In the two common elements that were affected in all these facilities (ceilings and windows) and that were the cause of most of the damage inside the facilities. With the project, in the 10 critical facilities, the vulnerability to heavy rains and strong winds will be eliminated and they are going to be more resilient. |
| Guaynabo | Municipality | 07/01/20 | In a small area, near Guaynabo River, are 3 different types of Critical Facilities: Guaynabo Medical Mall, Post Office and 2 sport facilities - part of our emergency response in a disaster event. After Hurricane Maria, FEMA produced and PR adopted new Maps of Recommended Base Flood Levels. In the maps, the facilities were classified as flood areas (ZONE A). This project would address the flood risk at these Critical Facilities, providing flood control infrastructure, improving the storm water system, reestablish area of the River Channel and reducing embankment erosion. | Barrio Pueblo y Barrio Santa Rosa, Guaynabo | \$4,200,000.00 | | | \$4,200,000.00 | 1000 METERS | 18.359 | -66.115 | 100-year flooding | The project will mitigate flooding in the critical facilities identified, letting allowing all Guaynabo citizens access to Medical Assistance, Communication, and to the sport facilities that we use as centers of food distribution, clothing, medicines, etc. in a disaster event. |
| Guaynabo | Municipality | 07/01/20 | REPLACEMENT BRIDGE over Rio Guaynabo at PR-836 KM 4.1: The Guaynabo River overflowed and damaged structural elements of the bridge on PR-836, the embankments and the pedestrian path during heavy rains of Hurricane. Currently it represents a serious risk to heavy traffic and local residents, as well as pedestrian users crossing the river. The road is the main access to municipal critical facilities such as the Ops Center of Guaynabo, the 120,000 sq. ft. Municipal Warehouse where equipment, construction material, tools, food, etc. are stored. The project aims to replace bridge, according to new standard building codes, and traffic volume. | PR-836 KM 4.1, Barrio Mamey, Guaynabo | \$3,500,000.00 | | | \$3,500,000.00 | 150 METERS | 18.332686 | -66.102593 | 100-year flooding | The development of the project REPLACEMENT BRIDGE over Rio Guaynabo at PR-836, will guarantee: • Access to the metropolitan area for the local traffic and the surrounding municipalities that pass through Guaynabo Access for pedestrians that used the bridge to cross the river to the exchange of goods and services in the surrounding communities |
| Guaynabo | Municipality | 07/01/20 | San Patricio commercial area and surrounding communities have a highly frequent urban flood problem that affects private and commercial properties, the high volume of vehicular traffic, and the economic development of the area. The solution proposed with the project FLOOD CONTROL in MARGARITA stream, is to restore the area of the Margarita Creek channel, and increase and redirect the urban area storm sewer system. As agreed with the USACE, all those waters are going to be absorb by the FLOOD CONTROL PROJECT AT PUERTO NUEVO RIVER that is already in the design stage by that agency. | PR-19 Road (San Patricio, Garden Hills Area), Guaynabo | \$3,000,000.00 | | | \$3,000,000.00 | 300 METERS | 18.405 | -66.105 | 100-year flooding | With the development of this project, in complete coordination with the USACE flood control project at the Puerto Nuevo River, the problem of frequent urban flood is going to be solved. The more than 400 private housing units are not going to be affected, the roads no longer need to be closed so the heavy traffic will be released, the commercial area is not going to be under water again, and the storm sewer system is not going to overflow. All those benefits will be reflected in a growing economic development of the area. |
| Guaynabo | Municipality | 07/01/20 | STABILIZATION OF THE GUAYNABO RIVER EMBANKMENTS: In heavy rain, such as the passage of Hurricanes, force and velocity of the water in Guaynabo River causes the slopes of the river to erode substantially creating meanders, especially in the areas where change in flow direction occur, like Colinas community area. Due to the level difference between the houses and the river, there is a danger to properties and their residents. In this community, damage occurred in the courtyards of the residences. The project includes repair or relocation of properties in the affected area, at the height of the Colinas and surrounding communities. | Colinas de Guaynabo, Riberas de Honduras, Terrazas de Guaynabo, Colimar and Villa Providencia Elderly Home Areas, Guaynabo (See Coordinates) | \$2,800,000.00 | | | \$2,800,000.00 | 1500 METERS | 18.357 | -66.115 | 100-year flooding | With the development of the project, STABILIZATION OF THE GUAYNABO RIVER EMBANKMENTS at the height of the Colinas, Riberas de Honduras, Terrazas, Colimar communities and the Villa Providencia Elderly Home, we are going to stabilize the river embankment, protect the private properties along the river edge, repair the damage elements and relocate those families that are no longer secure in the area. |



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| Guaynabo | Municipality | 07/01/20 | The project consists in develop a Comprehensive Plan of Management - Response - Recovery, creating a robust database that geographically correlates demographic elements and infrastructure elements available for purposes of integrally determining how to deal with the population in differentes event of significant disasters, as was the case of Hurricane Maria, and the recents Earthquakes and COVID-19. Technical personnel from the Planning and Land Use Office of the Municipality will be used and it will be reinforced with specialized equipment to be acquired with this project. | 50 Calle José De Diego | \$300,000.00 | | | \$300,000.00 | Throughout the municipality | 18.3586639 | -66.1125162 | Multi-Hazard Mitigation | This project will improve the municipality's ability to respond to a disaster event by implementing a disaster preparedness data analysis and decision support capability. This information will lead to a specific, coordinated local recovery planning process. This project addresses all stages of a disaster event by using the information collected in the prevention, response and recovery. |
| Guaynabo | Municipality | 07/01/20 | The project will make existing housing units more resistant to natural disasters, guarantee life and protect property. The project will address housing units occupied by owners who are vulnerable to Landslides by rain, Floods, Earthquakes and Strong Wind events. Intervention in the selected units will comply with New Building Code, retrofitting concepts of green buildings, energy efficiency, water conservation, and environmentally friendly measures. The project will be attending an average 85 housing units distributed among different communities identified in the municipality Multi Hazard Mitigation Plan. | 50 Calle José De Diego | \$4,400,000.00 | \$1,000,000.00 | HMGF SECTION 404 | \$3,400,000.00 | Throughout the municipality | 18.3586639 | -66.1125162 | Multi-Hazard Mitigation | With the implementation of the project, Rehabilitation of Existing Housing Units, we will ensure that at least 85 existing housing units in different communities, occupied by their owners, which are considered vulnerable to natural disasters, become resilient units. In this way, we are preventing the loss of life and property, in turn addressing the great problem of repetitive losses that is evident with each disaster in housing units in areas of High Risk and High Vulnerability. |
| Gurabo | Municipality | 07/10/20 | Alturas de Hato Nuevo- Instalación de gaviones y mejoras a cuerpo de agua existente. | | \$1,634,160.12 | | Mitigation 404 | \$0.00 | | 18.263048 | - | -65.946931 | |
| Gurabo | Municipality | 07/10/20 | Caño de Navarro- Estabilización de terrenos en áreas aledañas al caño. | | \$1,000,000.00 | | None yet | \$1,000,000.00 | | 18.228088 | -66.00337 | | |
| Gurabo | Municipality | 07/10/20 | Ciudad Jardín- Instalación de gaviones, mejoras a puente existente y cuerpo de agua. | | \$840,505.00 | | Mitigation 404 | \$0.00 | | 18.248472 | -65.966642 | | |
| Gurabo | Municipality | 07/10/20 | Continuar la recaudación de información necesaria con el fin de establecer acciones de mitigación con respecto al manejo de las áreas que sean identificadas con riesgo ante sequías y fuegos forestales. (Adiestramientos, equipo, PPE, orientación a comunidades, limpiezas preventivas en áreas con historial previo, etc.) | | \$100,000.00 | | None yet | \$100,000.00 | | | | | |
| Gurabo | Municipality | 07/10/20 | El Cerro- Estabilización de terreno, mejoras a puente existente y cuerpo de agua. | | \$500,000.00 | | None yet | \$500,000.00 | | 18.25345 | -65.971108 | | |
| Gurabo | Municipality | 07/10/20 | Instalar gaviones en la quebrada adjunta al Cementerio Municipal para mitigar la erosión de la quebrada que viene desde Alturas de Hato Nuevo. | | \$200,000.00 | | None yet | \$200,000.00 | | 18.263764 | -65.966463 | | |
| Gurabo | Municipality | 07/10/20 | Instalar gaviones en las áreas donde la quebrada está derumbando los terrenos adyacentes en las Urb. Alturas de Hato Nuevo y Sector Hiram Caraballo. | | \$200,500.00 | | None yet | \$200,500.00 | | 18.267218 | -65.934898 | | |
| Gurabo | Municipality | 07/10/20 | Instalar muros de contención en la Urbanización Santa Bárbara para mitigar los derumbes asociados a la desestabilización de los terrenos por construcción de nuevas urbanizaciones. | | \$300,000.00 | | None yet | \$300,000.00 | | | | | |
| Gurabo | Municipality | 07/10/20 | Limpieza de quebradas en todo el municipio como prevención de inundaciones por eventos de lluvias o huracanes. | | \$200,500.00 | | None yet | \$200,500.00 | | | | | |
| Gurabo | Municipality | 07/10/20 | Los Peñas- Elevación de puente para calle de acceso a comunidad y mejoras a cuerpo de agua existente. | | \$636,629.71 | | Mitigation 404 | \$0.00 | | 18.247874 | -65.988288 | | |
| Gurabo | Municipality | 07/10/20 | Maria Jimenez- Instalación de gaviones y mejoras a cuerpo de agua existente. | | \$403,690.00 | | None yet | \$403,690.00 | | 18.263562 | -65.94408 | | |
| Gurabo | Municipality | 07/10/20 | Microrred (dependencias municipales) - Instalación de sistema de generadores de respaldo para las principales dependencias municipales importantes para respuesta ante situaciones de emergencia. | | \$780,000.00 | | Mitigation 404- Pending approval | \$780,000.00 | | | | | |
| Gurabo | Municipality | 07/10/20 | Monte Verde- Estabilización de terreno, mejoras a puente existente y cuerpo de agua. | | \$800,000.00 | | None yet | \$800,000.00 | | 18.220832 | -65.993982 | | |
| Gurabo | Municipality | 07/10/20 | Orientación a las comunidades para programas de escorentías, terremotos, fuegos, huracanes, seguros, etc. | | \$50,000.00 | | None yet | \$50,000.00 | | | | | |
| Gurabo | Municipality | 07/10/20 | Querube- Elevación de 2 puente para calles de acceso a comunidad y mejoras a cuerpo de agua existente. | | \$1,250,161.96 | | Mitigation 404 | \$0.00 | | 18.274986 | -65.963075 | | |
| Gurabo | Municipality | 07/10/20 | Reemplazar el puente del Sector Los Aguayo del Barrio Jagual la debido a deficiencias estructurales causadas por golpes de agua en eventos de lluvia. | | \$300,500.00 | | None yet | \$300,500.00 | | 18.238018 | -65.971736 | | |
| Gurabo | Municipality | 07/10/20 | Safe Rooms (diferentes comunidades) - Preparación de varios centros comunales como lugares de refugios seguros accesibles a todas las comunidades en casos de emergencias. | | \$4,950,000.00 | | Mitigation 404- Pending approval | \$4,950,000.00 | | | | | |
| Gurabo | Municipality | 07/10/20 | Sector Aguayo- Instalar encañonado para desviar el flujo de agua que se dirige al área residencial. | | \$150,000.00 | | None yet | \$150,000.00 | | 18.238018 | -65.971736 | | |
| Gurabo | Municipality | 07/10/20 | Sector Rabo del Buey- Expropiación y demolición de propiedades debido a inundaciones por el Lago. | | \$200,000.00 | | None yet | \$200,000.00 | | 18.255997 | -65.970647 | | |
| Gurabo | Municipality | 07/10/20 | Urb. Veredas- Corrección del sistema pluvial existente colapsado por eventos significativos de lluvia. | | \$545,000.00 | | None yet | \$545,000.00 | | 18.223308 | -66.001535 | | |
| Guánica | Municipality | 07/03/20 | 116 Highway Mesh Mesh placement to the Cartera area, Highway 116. This area is prone to landslides. The Guánica Municipality was declared in a state of emergency since January 7, 2020 after the earthquakes that occurred in the area. The town of Guánica is a coastal municipality prone to tsunamis and, with the recent telluric movements, to landslides. The 116 Highway is the main escape route for the citizens of Guánica. The project would impact approximately 15,383 Guaníqueños, as estimated by July 1, 2019, Quick Facts (United States Census). The telluric movements have not stopped since the first event, which was reported on December 28, 2019. | Highway 116 from km 18.5 to km 19.3 | \$1,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$1,000,000.00 | 700 linear meters | 17.972789 | -66.934483 | danger to life, road and personal belongings/lifesaving project | |
| Guánica | Municipality | 07/03/20 | Acquisition of land in the Laguna de Guánica area Restrict their use in such a way as to increase natural protected areas. Part of the flooding problems near the Urban Center, such as the Fuig area, is due to the loss of the Laguna. The acquisition of land will guarantee the reduction of possible loss of life and property. The approximate direct population to be implemented by the project is 2,324 and the indirect population impacted will be 15,383. | Land area between La Laguna sector and Fuig sector. To access the land, use the PR-332 highway, in the Fuig sector along the main street, Calle 1, Calle 2 and Calle 5. In the La Laguna sector through the main street and Calle 12 | \$5,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$5,000,000.00 | 1,000 acres | 18.000049 | -66.924125 | water flow/imminent danger to life and infrastructure/lifesaving project | |
| Guánica | Municipality | 07/03/20 | Activities that are necessary to comply with and begin with the development of the Flood Control Project in Rio Loco, established in the current PICA. (Four-Year Investment Program 2018-2019 TO 2021-2022) The Final Study of the US Army Corps of Engineers (USACE) of 2002, recommended protection for an event of 100-year floods as a result of the overflow of the Rio Loco. This project aims to: 1. Construction of a concrete channel for subcritical flow 2. Channel for slowing down 3. Drainage channels 4. Incorporate Systems of sewers for runoff, 5. Deposit area rubble and two trapezoidal channels on the ground. This project is intended to guarantee the reduction of possible loss of life and property | The project includes the most critical parts of the Rio Loco basin where it puts at risk the populated areas closest to the river. The river is born in the Frailes neighborhood in Yaucó and ends at the Guánica Bay. The river basin in the Guánica area begins from the Susua Baja neighborhood of the Magueyes sector, passing through the La Joya Santa Rita sectors, Caño neighborhood, Fuig sectors and ending of the Guánica Bay. | \$30,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$30,000,000.00 | 12.5 kilometers | 18.024797 | -66.884763 | water flow/imminent danger to life and infrastructure/lifesaving project | |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|--|
| Guánica | Municipality | 07/03/20 | Guánica Malecón Pump System Adapt and increase your pumping capacity in a way floods can be prevented as a result of its current operational failure. The reference maps of the census tracts indicate that approximately 7254 people will benefit from this project, including the Malecón and the Pueblo area. The area to impact is classified as a Tsunami area. Furthermore, according to the Census Information Center (CIC) of the University of Puerto Rico at Cayey (UPR-Cayey), the socioeconomic profile of the residents of the municipality of Guánica, after seismic events is: half of the population is 41.4 years old or more, the unemployment rate is 31.2%, the poverty rate fluctuates at 65.1%, and the child poverty rate is 82.8%. Based on the foregoing, this project would substantially improve the quality of life for Guaniqueños." | Esperanza Idrach Ave. Esperanza Avenue at the beginning of the malecon area. The pumps are located in the parking area. | \$10,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$10,000,000.00 | 475 square meters | 17.964424 | -66.905014 | ater flowimminent danger to life and infrastructureifesaving project | |
| Guánica | Municipality | 07/03/20 | Housing Restoration and/or Retrofit to Seismic Codes (6,052 units) As established before, since December 28, 2019, the Southwest region have been hit by the impact of a daily basis seismic event. Last June 3, 2020, the federal government reopen de Disaster Declaration 4473 to an indefinite status. In fact on June 28, 2020, the territory of Guánica was hit by a 5.3-magnitude quake that severely damaged homes that were partially damaged as a results of the January events. This project have the purpose to retrofit and reinforce around 6,052 homes along the territory of Guánica as a mitigating initiative to prevent severe damaged to occur and considerable more expensive recovery process.The home are located in all the communities along the territory of Guánica. This communities are: Pueblo, Arena, Caño, Carenero, Ciénaga, Ensenada, Montalva, and Susúa Baja. We're enclosing an official NASA map of the impacted area. FEMA, COR3 PPDR Program and Municipal Team have a georeferenced list that we also attach with this submittal. | All Neighborhoods of Guánica Pueblo, Carenero, Caño, Susúa Baja, Arenas, Ciénaga, Ensenada, Montalva | \$21,182,000.00 | Not approved/ Not available | Not approved/ Not available | \$21,182,000.00 | 53.42 square miles | 17.97163 Table Attached | -66.93448 Table Attached | amaged by earthquakeslmmnet danger to lifeNew housing up to code/retrofitting | |
| Guánica | Municipality | 07/03/20 | Improvement to the Drainage System located on Ave. 25 de Julio and on the west side of that road. Protect lives and properties by improving and expanding the existing storm drainage system on Ave. 25 de Julio and all the streets to the west of said road. This project will help manage the download of runoff causing major flooding in this sector. The reference maps of the census sectors indicate that 7,254 people will benefit from this project, including the Malecón and the Pueblo area. The area to impact is cataloged as a Tsunami area. This project complements the project of the pumping system of the Malecón of Guánica, since curently Guánica does not have a drainage system that reduces the flow of runoff received from the sectors in copious events of rain and the water received from the Malecón area, serious episodes of floods affect life, structures and economic development. | The construction area includes all the streets of the urban center of the municipality. These streets are 25 de Julio, Dr. Veve, San Miguel, Pedro Vargas, Yaquer, S5 Rodriguez, Buenaventura Quiñones, 65 Infantería, Carlos Del Rosario, 13 de Marzo, Victor Sallabery, Santa Rosa | \$10,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$10,000,000.00 | 133,970 square meters | 17.97236 | -66.907521 | ater flowimminent danger to life and infrastructureifesaving project | |
| Guánica | Municipality | 07/03/20 | On site Housing Reconstruction for 496 demolished housing units under FEMA red code With the Disaster Declaration # 4473 it is publicly, and officially recognized that the Southwest region have been suffering the impact of seismic activity since December 28, 2019. As a result of the impact of the earthquakes events on January 6 and January 7, 2020, around 1,836 homes were severe and partially damaged. To this day our inspection process establishes that 496 homes were collapsed or extremely damaged and were declared uninhabitable. Our plan is to reconstruct the homes with the adequate building codes to resist an 8.0 seismic impact and a category 4 hurricane winds impact. The homes are located in all the communities along the territory of Guánica. We're enclosing an official NASA map of the impacted area. FEMA, COR3 PPDR Program and Municipal Team have a georeferenced list that we also attach with this submittal. | All Neighborhoods of Guánica Pueblo, Carenero, Caño, Susúa Baja, Arenas, Ciénaga, Ensenada, Montalva | \$29,480,000.00 | Not approved/ Not available | Not approved/ Not available | \$29,480,000.00 | 53.42 square miles | 17.97163 Table Attached | -66.93448 Table Attached | earthquakeslmmnet danger to lifeNew housing up to code/retrofitting | |
| Guánica | Municipality | 07/03/20 | Property Acquisition for Tsunami Endangered Zones in Traditional Downtown (111 properties) As the results of recommendations from: NOAA, USGS, FEMA, and USCOE, the Southeast of the Pueblo Ward (East part of Calle 25 de Julio main street) was declared under the Tsunami Zone and Flood Zone. In addition, because of the poor building code quality of such homes, and the vulnerability of the small business located on this part of the Downtown area, many of them were damaged oa result of the seismic events. As a difficult it is, we're convinced that is for the best of these families and small businesses owners that a Relocation and Real Property Acquisition be performed in order to protect our community. The requested funds are to develop and deliver this project as ruled on HUD Handbook 1378, (July 2017). | Part of the urban area including Calle 25 de Julio, Calle Jose Nazario, Esperanza Idrach Ave. and the streets of the Barriada Esperanza and Vistamar sectors | \$20,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$20,000,000.00 | 80 acres | 17.96874 | -66.905814 | housing up to code/retrofitting Flood control Reduction of water flow imminent danger to life and infrastruc | |
| Guánica | Municipality | 07/03/20 | Seismic Coded Energy Back-up Solar Farm to uphold basics residential and commercial operations during disasters emergencies Because of the recognition of Guánica's territory new reality is imperative to prevent that Guánica's utilities system is vulnerable. There is no way that our city could be resilient to future events if we don't take proactive measures to assure that we are in the proper position to respond accordingly. Energy, water supply and communications are in fact the essential elements to respond to any natural or any other disaster event. In that order, our Administration plans to develop a solar farm to produce at least 8MWh with enough backup system in order to support basics operations along the city. The funds requested are to cover land acquisition and development costs. | Land area next to the Valle Tania urbanization, Highway 116 km 15.3 | \$8,000,000.00 | Not approved/ Not available | Not approved/ Not available | \$8,000,000.00 | 80 acres | 17.984486 | -66.953124 | jects that help solve the Puerto Rico's Power Grid weakened system. The Power Grid in Guánica have pow | |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Humacao | Municipality | 07/11/20 | PROYECTOS LOCALIZADOS DE REDUCCION DEL RIESGO DE INUNDACIONES | EL PROYECTO PROPUESTO A DESARROLLAR CONSISTE EN INSTALAR UN SISTEMA DE COLECCIÓN DE AGUA DE LLUVIA PARA LA PARTE INFERIOR DE LA COMUNIDAD (APROXIMADAMENTE 400 HOGARES) EN SUSTITUCIÓN DE ZANJAS QUE ESTAN EN LAS PROPIEDADES Y DIRIGIENDO EL AGUA DE LLUVIA A LA ZANJA FUERA DE LA COMUNIDAD. ESTA MEDIDA PROVEERÁ SEGURIDAD Y MINIMIZARA LA PERDIDA DE PROPIEDADES PARA LOS RESIDENTES DE LA COMUNIDAD JUNQUITOS. | \$933,200.00 | | | | | | | | |
| Humacao | Municipality | 07/11/20 | PROYECTOS LOCALIZADOS DE REDUCCIÓN DEL RIESGO DE INUNDACIONES | EL PROYECTO PROPUESTO DESARROLLADO CONSISTE EN ELIMINAR LOS CANALES INEFICIENTES QUE CORREN A TRAVÉS DE LAS PROPIEDADES. INSTALANDO UN SISTEMA DE COLECTORES DE AGUA DE LLUVIA, BOMBAS DE AGUA CON BATERÍAS DE RESPALDO Y DESVIAR LAS AGUAS A UN ESTANQUE DE RETENCIÓN UBICADO AL NOROESTE DETRAS DE LA COMUNIDAD. LOS DESBORDAMIENTOS SON LLEVADOS A TRAVÉS DEL CANAL BOCA PRIETA AL OCEANO. LOS MUNICIPIOS TAMBIEN SUGIEREN AUMENTAR LA CAPACIDAD DE DESAGUES PARA TENER UN DRENAJE ADECUADO. ESTAS MEDIDAS EVITARÁN MILLONES DE DOLARES EN | \$7,000,000.00 | | | | | 18.169053 | -65.7414861 | | |
| Humacao | Municipality | 07/11/20 | PROYECTOS LOCALIZADOS DE REDUCCIÓN DEL RIESGO DE INUNDACIONES | EL PROYECTO PROPUESTO DESARROLLADO CONSISTE EN LA INSTALACION DE UN SISTEMA DE COLECTORES DE AGUA DE LLUVIA PARA LA COMUNIDAD EN SUSTITUCION DE ZANJAS DE AGUA DE LLUVIA DIRIGIDAS AL RIO ANTON RUIZ DONDE ACTUALMENTE DESEMBOCAN. ESTA MEDIDA GARANTIZA LA SEGURIDAD Y MINIMIZA LA PERDIDA DE PROPIEDADES PARA LOS RESIDENTES DE LA COMUNIDAD DE ANTON RUIZ. | \$2,330,000.00 | | | | | 18.1873489 | -65.808477 | | |
| Humacao | Municipality | 07/11/20 | REALIZAR CAMPANAS EDUCATIVAS PARA ORIENTAR A LOS CIUDADANOS Y PUBLICO EN GENERAL SOBRE LOS RIESGOS NATURALES | | Unknown | | | | | | | | |
| Humacao | Municipality | 07/11/20 | REFUGIOS VERTICALES DE DESALOJOS EN LAS COMUNIDADES DE PUNTA SANTIAGO Y VERDE MAR | | Unknown | | | | | 18.1623052 | -65.76347 | | |
| Humacao | Municipality | 07/11/20 | SE CONTINUARA EL DESARROLLO DEL PROGRAMA EDUCATIVO, DONDE SE INFORMARA A LOS DUEÑOS DE PROPIEDADES, AGENTES DE BIENES RAICES Y CIUDADANOS EN GENERAL SOBRE EL PROBLEMA DE EROSION COSTERA. | | Unknown | | | | | | | | |
| Humacao | Municipality | 07/11/20 | SE REALIZARAN CAMPANAS EDUCATIVAS PARA ORIENTAR A LA CIUDADANIA A QUE HAGAN INSPECCION DE SUS VIVIENDAS PARA QUE SEAN REFORZADAS. | | Unknown | | | | | | | | |
| Humacao | Municipality | 07/11/20 | SOTERRAR LAS LINEAS ELECTRICAS Y TELEFONICAS Y CONSTRUCCION SISTEMA SANITARIO EN PARCELAS VIEJAS Y PARCELAS NUEVAS EN PUNTA SANTIAGO-INSTALACION Y REEMPLAZO DE TUBERIA EXISTENTE ENTRE REGISTROS Y POCETOS, MEJORAS A LOS CANALES EXISTENTES, CONSTRUIR UNA CHARCA DE RETENCION, VALLAS DE SEGURIDAD, INSTALACION DE GAVIONES, SISTEMAS DE BOMBEO. | | Unknown | | | | | 18.1643928 | -65.7517958 | | |
| Isabela | Municipality | 07/09/20 | Calle Municipal se está hundiendo y deslizando junto al muro de contención. Representa un peligro para la comunidad. | Carr. #466 Interior Bo. Llanadas Sector Poncillo | \$200,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$200,000.00 | 400 mts ² | 18.433304° | -66.969030° | Deslizamiento / Derrumbe | |
| Isabela | Municipality | 07/09/20 | Calle Municipal se está hundiendo y deslizando. Representa un peligro para la comunidad. | Carr 113 Int Calle Municipal Sector Casacajó #388 Bo. Coto Sra. Luz Cruz | \$80,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$80,000.00 | 900 mts ² | 18.483469° | -66.994959° | Deslizamiento / Derrumbe | |
| Isabela | Municipality | 07/09/20 | Calle Municipal se inunda y afecta a viviendas | Calle Florida (Sector Florida) Bo. Bejucos | \$2,899,200.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$2,899,200.00 | 14,000 mts ² | 18.495184° | -67.029929° | Inundacion | |
| Isabela | Municipality | 07/09/20 | Deslizamiento de tierra en Calle Municipal | Urb. Santa Rosa, Calle Europa #460, Bo. Llanadas | \$80,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$80,000.00 | 1,500 mts ² | 18.449557° | -66.977140° | Deslizamiento / Derrumbe | |
| Isabela | Municipality | 07/09/20 | Deslizamiento de tierra en Calle Municipal | Carr # 4445 Sector Cerro Sombrero Bo. Arenales Altos | \$125,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$125,000.00 | 3,000 mts ² | 18.393949° | -67.004043° | Deslizamiento / Derrumbe | |
| Isabela | Municipality | 07/09/20 | Deslizamiento de tierra en Calle Municipal | Cuesta del Píllre, Bo. Planas | \$320,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$320,000.00 | 6,500 mts ² | 18.394980° | -66.949112° | Deslizamiento / Derrumbe | |
| Isabela | Municipality | 07/09/20 | Deslizamiento y problemas de escorrentías. | Carr # 4445 Sector Cerro Sombrero Bo. Arenales Altos (Troncos Diguera) | \$123,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$123,000.00 | 13,000 mts ² | 18.398330° | -67.018912° | Deslizamiento / Derrumbe/Inundaciones | |
| Isabela | Municipality | 07/09/20 | Deslizamiento severo de tierra entre viviendas. Representa un peligro para la comunidad. | Calle Garduña y Calle Violeta Urb. Corchado, Bo. Pueblo | \$997,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$249,250.00 | 1,200 mts ² | 18.502344° | -67.013076° | Deslizamiento / Derrumbe | |
| Isabela | Municipality | 07/09/20 | Elevor puente Existente ya que se obstruye con escombros causando inundaciones. | Carr. # 466 Puente sobre Quebrada los Cedros | \$2,000,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$ 2,000,000.00 | 900 mts ² | 18.510731° | -67.095830° | Inundaciones | |
| Isabela | Municipality | 07/22/20 | General Improvements of the ISABELA MUNICIPAL LANDFILL such as lateral expansions, slopes remediation, removal of debris, drainages controls, leachate collection systems, installation of monitoring wells for groundwater and gases, peripheral security fences, preparation of diversion area, accesses and eventual closure of landfill. | off PR-2, Km. 113.4, El Ramal St., Guerrero Ward, Isabela, PR | \$14,000,000.00 | \$0.00 | N/A | \$14,000,000.00 | 42.54 acres | 18.4785117 | -67.04147852 | Multi-Hazard Mitigation | Preserve public health and safety, and comply with applicable regulations by providing safe containment for waste. |
| Isabela | Municipality | 07/09/20 | Inundaciones por escorrentías pluviales | Carr. # 113 Calle Dr. Pedro Hernández, Bo. Mora (Cerca de Aurora Beniquez) | \$489,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$122,250.00 | 12,000 mts ² | 18.491814° | -67.009352° | Inundaciones | |



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|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|--|
| Isabela | Municipality | 07/09/20 | Problema de inundación Sumidero tapado y canalización de escorrentías | Carr. # 466 Int Calle Puerto y Calle Cofre Urb. Alturas del Mar, Bo. Jobos | \$200,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$200,000.00 | 31 Acres | 18.506476° | -67.073514° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problema de inundación Sumidero tapado y canalización de escorrentías | Parcelas Mora Guerrero, Bo. Arenales Bajos | \$250,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$250,000.00 | 8,000 mts^2 | 18.463586° | -67.027458° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problema marejada ciclónica el Huracán María cambio la configuración de la costa y la rampa de pescadores hay que extenderla | Carr 466 Int Camino Municipal Sector Villa Pesquera Bo. Guayabos | \$150,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$150,000.00 | 400 mts^2 | 18.509778° | -67.020870° | Inundacion | |
| Isabela | Municipality | 07/09/20 | Problemas de inundaciones | Calle Malasia y Calle Javiño, Bo. Mora (Expreso Carmelo Pérez) | \$100,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$100,000.00 | 15,000 mts^2 | 18.478543° | -67.015262° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de inundaciones Sumidero tapado | Carr. # 459 Int. Entrada Com. La Sierra, Bo. Jobos | \$100,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$100,000.00 | 4,000 mts^2 | 18.500462° | -67.061045° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones y Escorrentías | Calle # 1, Parcelas Mora Guerrero, Bo. Arenales Bajos | \$420,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$105,000.00 | 26,000 mts^2 | 18.464758° | -67.032751° | Inundacion | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones y Escorrentías | Carr. # 459 Km 12.3 Int. Calle La Sierra Bo. Jobos | \$400,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$400,000.00 | 25,000 mts^2 | 18.494257° | -67.060599° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones y Escorrentías | Sector Zamot, Calle Honduras (Papo Rodríguez) Bo. Guerrero | \$3,000,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | 3,000,000.00 | 20 Acres | 18.475696° | -67.032535° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones y Escorrentías, Sumideros Tapados | Calle Galandrina (Sector Capiro, Galateo Alto) | \$100,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$100,000.00 | 1200 mts^2 | 18.442894° | -67.001984° | Inundacion | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones y Escorrentías, Sumideros Tapados | Calle Gavilán (Galateo Alto) | \$100,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$100,000.00 | 600 mts^2 | 18.440362° | -67.004129° | Inundacion | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones y Escorrentías, Sumideros Tapados | Calle Rubi, Comunidad Cristal del Bo. Planas | \$250,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$250,000.00 | 24,000 mts^2 | 18.387475° | -66.937282° | Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones, Escorrentías y Deslizamiento de tierra | Carr#446 Km 8.3 Bo. Galateo Alto (Yadira Natal) | \$125,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$125,000.00 | 1,000 mts^2 | 18.396925° | -66.970323° | Deslizamiento / Derumbe/Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones, Escorrentías y Deslizamiento de tierra | Sector Correa Bo. Galateo Alto (Familia de Emma Ruiz) | \$110,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$110,000.00 | 20,000 mts^2 | 18.393001° | -66.983301° | Deslizamiento / Derumbe/Inundaciones | |
| Isabela | Municipality | 07/09/20 | Problemas de Inundaciones, Escorrentías y Deslizamiento de tierra | Calle Narso Sectro El Canal Bo. Planas | \$201,000.00 | \$0.00 | FEMA 404 / Fondos Municipal | \$201,000.00 | 1,200 mts^2 | 18.395922° | -66.927506° | Deslizamiento / Derumbe/Inundaciones | |
| Jayuya | Municipality | 08/11/20 | Accessible drinking water system for the Municipality of Jayuya includes: pumping, filtration system, storage for the distribution of drinking water. With this system the total population of the Municipality will be able to obtain drinking water from its neighborhoods by means of bulk grabbing as in its urban area if our drinking water system (AAA) problems arises. | Centro de Operaciones de Seguridad Municipal en la Escuela Agustín Ortiz Carr. 144 km 4.7 | \$600,000.00 | \$100,000.00 | FEMA | \$500,000.00 | | 18.219 | -66.595 | | |
| Jayuya | Municipality | 08/11/20 | Partial closure of the Municipal Landfill, specific in the existing main trench for disposal garbage. Creation of new cell for the disposal of domestic garbage (non-hazardous). New Areas are created for the disposition of non-hazardous tempered to existing environmental laws. They will have liners, leachate collection, gas monitoring and runoff control, slope stabilization. With this project, it is expected to avoid contamination in the main river that affects our entire population (115,546 people) in addition to over 1,000,000 people who benefit from water through the super tube, place where our river arrives. | Sector Canalito del Barrio Collores de Jayuya Carr. 140 km. 9.3 | \$10,000,000.00 | \$5,000,000.00 | FEMA | \$5,000,000.00 | | 18.207 | -66.632 | | |
| Jayuya | Municipality | 08/11/20 | Slope restoration in the causes of the Rio Grande dem Jayuya, includes reinforcement and Mayangeotextiles to prevent erosion. Slope restoration in our community of the Rio Grande de Jayuya, includes from the Rio Grande neighborhood to Jayuya Abajo, restoring its sides, reinforcing it and adding meshes, slopes, where necessary. Thus we will avoid sedimentation and erosion in our rivers and streams. | Punto Iniciar lado oeste Estacion de Recolecion de agua potable Sector el Nudo hasta el punto final en la planta de aguas negras en Collores de Jayuya | \$45,000,000.00 | \$22,000,000.00 | FEMA | \$23,000,000.00 | | 18.208 | -66.619 | | |
| Jayuya | Municipality | 08/11/20 | The potential Project consists of purchasing 1 CHP Reciprocating Generator, with their necessary components to create a microgrid, where all the Critical Facilities Located in the downtowns can be connected to an efficient system through underground electric power lines. The Microgrid can be used continuously for more than 336 days. This project provides continuity of operation and mitigates the lack of power to facilities that critically supply service to the municipality. | Carr. 144 Km. 4.7 Centro de Operaciones del Municipio de Jayuya | \$5,000,000.00 | \$1,200,000.00 | FEMA | \$3,800,000.00 | | 18.217801 | -66.595072 | | |
| Jayuya | Municipality | 08/11/20 | The project consist in the properly adquisition and demollition for the construction of the concrete open channel to address the water flow at the community and be connected with the existing storm drain system that discharges at the Rio Grande Jayuya. Improvement to the existing channel, increasing the size, redistributing levels, improve the catch basins and installing erosion control for the creek. The project guarantees to the residents of Vega Linda Community and near business of the Municipality of Jayuya resolves the repetitive flood problems that they are confronting by years. | Urbanizacion Vega Linda 45 Calle 2 Jayuya Puerto Rico | \$5,000,000.00 | \$3,000,000.00 | FEMA | \$2,000,000.00 | | 18.217274 | -66.592839 | | |
| Jayuya | Municipality | 08/11/20 | The Project proposes the install of a water pump station system with underground concrete pipes, a H&H study will be required to define the water collection and divert to the near river, also to know the volume of stormwater and the right capacity, and design for the flood control. The Mitigation solution will include a concrete safe pump station. The Project will reduce the risk of lives, properties and save millions of dollars due to the repetitive losses. | Calle Libertad Centro Urbana en el Municipio de Jayuya | \$3,250,000.00 | \$750,000.00 | FEMA | \$1,500,000.00 | | 18.219857 | -66.589783 | | |
| Juana Diaz | Municipality | 07/16/20 | Comprehensive Relocation Program for the Manzanilla community. The Municipality of Juana Diaz have been attempting to relocate the Manzanilla community for years. This community consists of approximately 250 families living in residences with mostly no code compliance and deficient construction. The area is known for its deficient stormwater management, sewer system. Social problems such as high delinquency, high unemployment rate, school dropout, drugs, among others, are frequent in the area also. During strong wind events, the community is subjected to storm surge from the Caribbean sea, and simultaneously, flooding from the Jacaguas River, as the community resides in the estuary area. There have been multiple efforts in the past to relocate these families, but with no success up to this date due to a combination of factors including missing title deeds, as residences locate in mostly private lots. The project proposes a comprehensive program including land expropriation, property title assistance, relocation to new residences not located in flood zones, and demolition of existing structures to prevent repopulation. The area will be proposed as an ecological barrier to decrease storm surge and potential tsunami damages in private and public property to the North of this community. | The Manzanilla community can be accessed through state road PR-508. The community is located in the most Southern part of this road. | \$19,800,000.00 | \$- | N/A | \$19,800,000.00 | The total residential area to be relocated, covers approximately 18 acres. | 17.97549184 | -66.53813851 | Multi-Hazard Mitigation | |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Juana Diaz | Municipality | 07/16/20 | Recent earthquake activity in the Southwestern part of the island of Puerto Rico has highlighted the need to provide seismic rehabilitation to public buildings used to provide essential services to our communities, much of which are structurally obsolete and not code-compliant. This project proposes seismic retrofit for major public Municipal buildings. The project considers seismic retrofit for at least 10 priority Municipal buildings based on a Seismic Retrofit Plan. All retrofit improvements are to be made based on current applicable codes, regulations, and standards, including: FEMA 306, FEMA 307, FEMA 308, FEMA 774, FEMA 547, FEMA 273, FEMA 274, FEMA P-807, FEMA E-74, FEMA 352, ACI 546R, ASCE 41-17. | This project will impact 10 priority municipal properties within the Municipality of Juana Diaz. | \$5,000,000.00 | \$- | N/A | \$5,000,000.00 | This project will impact at least 10 priority Municipal properties | 18.053514 | -66.505706 | Earthquakes | Project does not have a specific location, rather several locations corresponding to Municipally owned buildings. Coordinates shown are of the Juana Diaz City Hall, which is one of the most important structures in the city for its historical value, its occupancy use, and its vulnerability to earthquake damage. |
| Juana Diaz | Municipality | 07/16/20 | Recent earthquake activity in the Southwestern part of the island of Puerto Rico has highlighted the need to provide seismic rehabilitation to public buildings used to provide services to our communities, much of which are structurally obsolete and not code-compliant. This project proposes the development of a Seismic Retrofit Plan for Municipal Buildings. The scope considers two phases, beginning with an inventory of city-wide municipally owned structures that were constructed pre-code enforcement and implementation. This inventory will include building type, occupancy, estimate dollar value of earthquake injury treatment and death, facility earthquake damage estimate, and collateral damages estimate, mitigation project useful life, mitigation project cost, building replacement value, historical and environmental considerations, among others, and will use federal guidelines such as FEMA 227, FEMA 228, FEMA P-58-1, FEMA P-420, FEMA 154, FEMA 155, FEMA 156, FEMA 157. With the information obtained, further benefit-cost analysis will be performed and funding alternatives assessed. With the information obtained from this assessment phase, a comprehensive plan will be prepared taking input from multisectorial organizations and stakeholders and setting future timeframes for retrofit projects. | This project will impact at least 60 municipal properties within the Municipality of Juana Diaz. | \$350,000.00 | \$- | N/A | \$350,000.00 | This project will impact at least 50 Municipal Properties. | 18.053514 | -66.505706 | Earthquakes | Project does not have a specific location, rather several locations corresponding to Municipally owned buildings. Coordinates shown are of the Juana Diaz City Hall, which is one of the most important structures in the city for its historical value, its occupancy use, and its vulnerability to earthquake damage. |
| Juana Diaz | Municipality | 07/16/20 | Structural reinforcement for residential structures located on inclined terrain. Several studies have shown that residences with gravity columns located in inclined terrain are prone to collapse in case of strong soil movements and lateral forces produced by earthquakes. The project proposes an assessment to determine susceptible and eligible residences, structural evaluation and retrofit to eligible residences with an initial estimate of 1000 residences. Structural improvements may include column retrofit, shear walls construction and foundation improvement. | The location of the project will be on the mountainous region of the city, primarily along the river banks. | \$40,000,000.00 | \$- | N/A | \$40,000,000.00 | The project cannot be measured in length or area, but it considers 1,000 residences. | 18.10246659 | -66.53976376 | Earthquakes | Project does not have a specific location, rather several locations corresponding to eligible residences. Coordinates shown are of a typical residence to be considered. |
| Juana Diaz | Municipality | 07/16/20 | The project consists in managing part of the excess flow from Rio Jacaguas flood, to be used for the Southern Aquifer revitalization. Declared as a Critical Area by DNER, the Southern Aquifer covers a vast portion of the Municipality of Juana Diaz to the South. With frequent flooding problems in this area, mostly due to Rio Jacaguas overflow, the project proposes the construction of retention ponds to capture the excess water in flooding events in order to be used for aquifer refill. The project includes studies to determine best locations for such ponds and the means of aquifer restoration. The project will directly benefit natural resources conservation and restoration lowering dissolved solids and nitrates contamination on the aquifer. It will also benefit the current 110,000 aquifer users on the short and long run providing sustainable water supply, and for future agricultural development, which is currently limited by the prohibition of new well drilling. This area is known for hosting a large agricultural industry which will benefit the overall population if developed properly. Commercial, cultural, and economic development will be enhanced by this innovative initiative. Multi hazard mitigation will be achieved by mitigating both flooding and drought impact in the zone. | The project will take place in the southern part of the Municipality of Juana Diaz, specifically in the area comprised by the Jacaguas River floodplain, discharging onto the Caribbean Sea. | \$6,000,000.00 | \$- | N/A | \$6,000,000.00 | The project could potentially impact over 2,300 acres currently used for agricultural purposes. | 17.98883417 | -66.52674019 | Multi-Hazard Mitigation | This project will require an MOU with DNER, which will be promoted and procured by the Municipality with urgency. There are ongoing initiatives in other Municipalities, such as Salinas, that prove feasibility and possibility of this type of inter-agency collaboration. |
| Juana Diaz | Municipality | 07/16/20 | The project includes the installation of multipurpose communication and alarm system in several strategic locations within the Municipality. The Southern part of the city has a tsunami warning alarm system operating. Recent disasters such as earthquakes and a pandemic has shown the need to have a citywide communication system that provides the opportunity to distribute essential information efficiently and potentiate rapid response through resilient bilateral communications between the Municipal administration and the communities it serves, as well as with the central government. The project proposes 5 resilient communication hubs distributed strategically in the city area. The project will benefit the whole Juana Diaz population of nearly 50,000 inhabitants. It will include communication systems, sustainable and redundant energy, and constant remote monitoring. | The project will include 5 resilient communication hubs to be distributed strategically within the Juana Diaz area. | \$3,250,000.00 | \$- | N/A | \$3,250,000.00 | The project will impact the totality of the Juana Diaz area, covering over 38,000 acres. | | | Multi-Hazard Mitigation | No coordinates are shown, as the project has several locations not yet specifically determined. However, communication hubs will be distributed strategically in the four cardinal points of the city and the EOC. |
| Juana Diaz | Municipality | 07/16/20 | The project proposes coastal management features such as a seawall to be implemented along approximately 0.35 miles of the Southern coast of Juana Diaz for the area of Manzanilla. The project proposes two phases: the first one will include all necessary environmental and coastal studies/assessments, and the design. The second stage will include implementation of findings and recommendations through a construction project. The project will include developing an MOU with PRDNER which will define each entity's role. Project will mitigate storm surge-induced flooding, exposure to wave action and erosion of residential, commercial and public buildings. It will directly benefit a population of approximately 250 residents at the moment. It will reduce economic losses for a residential area, and impact to municipal and state infrastructure such as state road PR-508, power, telecomms, water, among others. The project will also reduce environmental impact due to flood-induced sanitary backups, and will also enhance environmental habitat functions supporting marine ecosystems. Since the relocation of the Manzanilla community is one of the priorities of the Municipal Administration, if a relocation is possible, this project will protect a vast amount of land that could be destined for ecological purposes as well as for protecting public and private property North of the Manzanilla community in case of tsunamis, storm surges, and erosion. | The Manzanilla community can be accessed through state road PR-508. The community is located in the most Southern part of this road. | \$6,500,000.00 | \$- | N/A | \$6,500,000.00 | Seawall proposed extends for over 565 lineal meters in the southern coast of the Capitanajo Ward, on the Caribbean Sea. | 17.97549184 | -66.53813851 | Multi-Hazard Mitigation | |



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| Juana Diaz | Municipality | 07/16/20 | The project proposes coastal management features such as a seawall to be implemented along approximately 1.15 miles of the Southern coast of Juana Diaz for the highly populated and developed area of Capitanajo, comprising the Serrano, Pastillo, and Camboya Sectors. The project proposes two phases; the first one will include all necessary environmental and coastal studies/assessments, and the project design/permits. The second stage will include implementation of findings and recommendations through construction operations. The project will include developing an MOU with PRDNER which will define each entity's role. Project will mitigate storm surge-induced flooding, exposure to wave action and erosion of residential, commercial and public buildings. It will directly benefit a population of approximately 4500 residents. It will reduce economic losses for a major commercial area, and impact to critical infrastructure such as state road PR-1 which connects several Municipalities, power, telecomms, water, among others. The project will also reduce environmental impact due to flood-induced sanitary backups, and will also enhance environmental habitat functions supporting marine ecosystems. | This project will impact most of the Capitanajo Ward located in the Southern side of the city. The impacted communities are accessed through the PR-1 state road. | \$21,350,000.00 | \$- | N/A | \$21,350,000.00 | Seawall proposed extends for over 1,850 lineal meters in the southern coast of the Capitanajo Ward, on the Caribbean Sea. | 17.99244058 | -66.49045376 | Hurricane Storm Surge | |
| Juana Diaz | Municipality | 07/16/20 | The project proposes improvements to the Guayabal Dam in Juana Diaz, including sedimentation removal to increase storage capacity, and spillway control and automation. Guayabal Dam's conditions represents one, if not the most, life-threatening imminent risk for the Municipality. Due to the Dam's limited storage and its deficient spillway control system, communities downstream such as Arús and Manzanilla, have a very limited time span to evacuate their residences when spillways are opened. During intense rain events, flooding in these communities can be expected 30 minutes from spillway overflow. The project will benefit more than 5,500 residents of the Capitanajo and Cintrona Wards, South of the Municipality. It also represents risk and disaster recovery funds reduction due to flooding damages to critical transportation infrastructure, such as the PR-1, PR-508, and PR-510, as well as telecomms, power and water infrastructure in the area. Economic losses due to business and commercial interruption, major agricultural losses, and damages to Municipal buildings are also reduced by this project. Most importantly, the project mitigates a life-threatening risk for hundreds of families. | This project will impact directly the Guayabal Dam, located in the Northern part of the city, in the Guayabal Ward, specifically in the Villalba and Juana Diaz jurisdiction line. However, communities in the Capitanajo and Cintrona Wards located in the Southern side of the city, which form part of the Jacaguas Floodplain that discharges onto the Caribbean Sea, will benefit directly from the proposed mitigation improvements. The impacted communities are accessed through the PR-1 state road. | \$60,000,000.00 | \$- | N/A | \$60,000,000.00 | The Guayabal Dam, on which mitigation activities are proposed covers over 200 acres. However, the area in which mitigation will impact the most covers the Manzanilla and Arús communities located in the Capitanajo and Cintrona Wards, respectively, comprising over 3,000 acres in the Jacaguas Floodplain. | 18.0942735 | -66.49646728 | 100-year flooding | |
| Juana Diaz | Municipality | 07/16/20 | The project proposes replacing the existing overhead power distribution and telecomms systems with an underground system for the downtown/urban area. With most of the 4.16kV primary power service and telecomms being distributed by aerial cable and pole infrastructure, critical public services, intense commerce activity, and vulnerable population in this area, is at imminent risk of having an interruption in their power and comms service. Hurricane Maria proved the current system to be weak and susceptible to collapse. It is proposed to install approximately 6 miles of underground infrastructure. The project will directly benefit more than 3,000 inhabitants of the Barrio Pueblo Ward. This area is known for having the highest percent of elderly population, which is particularly vulnerable to power outages. The project will greatly reduce economic losses of commerce and business including banks, stores, medical and professional offices. It is also the place for the Municipal Government, which is responsible for providing first response of public services to all 50,000+ inhabitants. The project will reduce risks and recovery fund investment associated with aerial power line collapse. | The underground electrical and telecomms infrastructure will be installed in major urban roads in the downtown area. | \$8,000,000.00 | \$- | N/A | \$8,000,000.00 | The project proposes underground electrical and telecomms infrastructure for approximately 9,660 meters located primarily on Dr Veve, Mario Braschi and PR-570 Road. | 18.05302919 | -66.505832 | Hurricane Force Winds | |
| Juana Diaz | Municipality | 07/16/20 | The project proposes retrofitting an existing school located in the Rio Cañas Abajo Ward to provide a public structure with permanent and immediate life-safety protection from severe wind events. The project will assess and develop a community safe room in a much needed area, since Juana Diaz has over 8,540 residents in flood-prone areas, 2,715 residences in risk of flood damages, approximately 2,470 residences made out of wood, and approximately 570 residences in areas in risk of storm-surge. However, the city currently has only one operating community safe room in case of an emergency. The project will directly benefit at least 150 residents in case of evacuation orders. It will provide life-safety conditions for residents of vulnerable communities. It will also provide emergency communications' resilience and broaden the State/Municipality's capacity to safeguard residents from natural hazards and/or provide temporary shelter in case of substantial damage to residences. The school structure has already been requested by the Municipality to PRDOH for the purposes described above. | The project will be located in the Rio Cañas Abajo Ward and can be accessed through the PR-535, approx. km. 6.0. | \$2,500,000.00 | \$- | N/A | \$2,500,000.00 | The area covered by the existing school to be improved comprises approximately 1.00 acre. | 18.03602647 | -66.46841476 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | The project proposes the construction the development of nearly 11,000 sqft. to provide a community, stand-alone, multi-use safe room and an EOC. The safe room will provide permanent and immediate near-absolute protection from severe wind events. This multi-use space will work as an available structure for emergency management operations, including DRC, community outreach and orientation, meeting room, and training. The EOC will provide space for essential emergency management operations and personnel, such as Municipal police, and emergency management. The project will develop a safe room in a much needed area, since Juana Diaz has over 8,540 residents in flood-prone areas, 2,715 residences in risk of flood damages, approximately 2,470 residences made out of wood, and approximately 570 residences in areas in risk of storm-surge. However, the city currently has only one operating community temporary shelter in case of an emergency, which is a school. It will provide life-safety conditions for residents of vulnerable communities. Furthermore, operations during recent Disaster Declarations have highlighted the Municipality's need of a new EOC, mainly due to the risk of disruption in operations that current EOC facility presents. Therefore, the project will also provide emergency communications' resilience and broaden the State/Municipality's capacity to safeguard residents from natural hazards, and effectively bring first response during emergencies. | The project will be located in the jurisdiction of both the Amueles and the Tijeras Wards, in the intersection of state roads PR-384 and PR-510. This lot is owned by the Municipality. | \$6,000,000.00 | \$1,590,000.00 | FEMA PA \$1,500,000.00, Municipality of Juana Diaz \$90,000.00 | \$4,410,000.00 | The lot to develop this project comprises over 2.30 acres. The total development will be approximately 0.25 acres. | 18.03890931 | -66.49556121 | Multi-Hazard Mitigation | Project will be assigned funds from an Alternate Project combining funding for several 428 FEMA PA projects of the Municipality of Juana Diaz. |



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| Juana Diaz | Municipality | 07/16/20 | The project provides anchorage installation to existing wooden residential structures within the Municipality of Juana Diaz. Recent surveys have estimated the total quantity of families residing in wooden structures comprises at least 3,500. This project will reduce strong winds damage on these type of structures, which are particularly vulnerable to damage as a result of hurricanes and tropical storms. | The project will impact wooden residential structures all over the Municipality of Juana Diaz. | \$7,000,000.00 | \$- | N/A | \$7,000,000.00 | The project will impact the totality of the Juana Diaz area, covering over 38,000 acres. | | | Hurricane Force Winds | No coordinates are shown, as the project is not located in a particular place, rather it will impact at least 3,500 lots in the city. |
| Juana Diaz | Municipality | 07/16/20 | The Rio Jacaguas Floodplain is located in Juana Diaz, and covers part of the Municipality of Ponce. A combination of heavy rainfall and steep slopes upstream produce the high discharges and flash floods that regularly affect over 7 communities on both Municipalities. The project proposes a 459ft bottom width conveyance structure with drop structure, complemented with a ring levee and a dry channel to mitigate effects on water surface elevation. The project also proposes a 813ft long bridge over the auxiliary channel for the PR-1 crossing and roadway improvements to PR-1, PR-508 and PR-510. The project benefits over 11,150 inhabitants in the area, secures major communications, water, power, and transportation infrastructure such as the PR-1, and prevents losses for the agriculture industry in the area. The available preliminary design allows bankfull flow to continue along the existing river channel as at present while permitting the excess capacity flow to be conveyed to the Caribbean Sea. Part of this excess flow could also be managed and used for the Southern Aquifer revitalization in an area of much need. An NED guideline BCA was completed, which resulted in a BCR of 3.44. | This project will impact communities in the Capitanejo and Caritona Wards located in the Southern side of the city, which form part of the Jacaguas Floodplain that discharges into the Caribbean Sea. The impacted communities are accessed through the PR-1 state road. | \$65,000,000.00 | \$- | N/A | \$65,000,000.00 | The project proposes over 4,550 meters of channel and over 15,000 meters of levee walls surrounding communities affected inside the Jacaguas Floodplain. The total impacted area in the Jacaguas floodplain comprises over 4,500 acres. | 17.98883417 | -66.52674019 | 100-year flooding | A study sponsored by DNER was completed in 2009 in order to obtain funds for a flood control project for this area. However, due to unavailability of funds over the last 11 years, the Municipality of Juana Diaz proposes a MOU between DNER and the Juana Diaz and Ponce Municipalities to conduct a flood risk reduction consisting of updating of the existing study and two phases: first, a large-scale conveyance structure, and second, a ring levee extending over 1.5 miles upstream in order to control runoff and direct waters to the channel. The estimate presented is based on the study and the preliminary design completed. |
| Juana Diaz | Municipality | 07/16/20 | This project considers a parking lot solar panel canopy construction in the old athletic track area, contiguous to the Municipal Coliseum Dolores Toyfa Martínez and the Raúl Torres, in order to provide sustainable energy to both facilities. In the case of the Coliseum, the facility is currently listed as the Municipality's Operational Center in case of a major disaster. On the other hand, the Raúl Torres Park was listed in the State's plan for massive evacuation in case of a tsunami or a high magnitude earthquake in the Southern part of the island. The project proposes the development of a parking with PV solar panel canopies or carports with an energy output of at least 570 kW. The project will benefit the city's Emergency Operational Response, and the environment, as electrical energy consumption from both major facilities will be reduced or eliminated. | The location of the project will be the Luis Muñoz Marín Sporting Complex, located in the PR-510 Int. PR-14. | \$1,500,000.00 | \$- | N/A | \$1,500,000.00 | This project will be developed in approximately 0.75 acres of existing developed land. | 18.045973 | -66.49192 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | This project considers a parking lot solar panel canopy construction that will serve the new Municipal EOC, in order to provide sustainable and resilient energy to the facility. The Municipality is proposing the development of a new EOC that will integrate the Municipal Police, the Municipal Emergency Office, and a multipurpose safe room. The project proposes the development of a parking with PV solar panel canopies or carports with an energy output of at least 200 MW. The project will benefit the city's Emergency Operational Response, and the environment, as there will be no electrical energy consumption from this new facility. | The project will be located in the jurisdiction of both the Amueles and the Tjeras Wards, in the intersection of state roads PR-384 and PR-510. This lot is owned by the Municipality. | \$500,000.00 | \$- | N/A | \$500,000.00 | The lot to develop this project comprises over 2.30 acres. The total development will be approximately .25 acres. | 18.03890931 | -66.49556121 | Multi-Hazard Mitigation | This project complements Project No.in this list. |
| Juana Diaz | Municipality | 07/16/20 | This project consists in the installation of PV solar panels in the City Hall's roof, in order to provide sustainable and resilient energy to this essential facility. The City Hall is the primary Municipal service centre, receiving hundreds of citizens per day. The proposed project will ensure the facility is able to provide uninterrupted critical functions. This facilities provide among other critical functions: coordination of federal assistance for at least 50000 residents with a variety of programs and services. During Hurricane María this facility was closed for 100 days before power was restored. | The project will be located in the Juana Diaz City Hall, situated in the Barrio Pueblo Ward. | \$325,000.00 | \$- | N/A | \$325,000.00 | The project will impact the Pueblo Ward in Juana Diaz, totalling approximately 315 acres. | 18.053492 | -66.505727 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | This project consists in the supply and installation of water storage tank system to families in residential areas prone to water service outage within the Municipality of Juana Diaz. Current drought and water storage crisis in the island indicated that such problems are far from over. It is estimated that at least 10,000 residential units have recurring water outages in the Municipality. This project mitigates adverse effects of interruption in water service for those families, which results essential in cases of pandemics and droughts. | The project will impact residential structures all over the Municipality of Juana Diaz. | \$5,000,000.00 | \$- | N/A | \$5,000,000.00 | The project will impact the totality of the Juana Diaz area, covering over 38,000 acres. | | | Multi-Hazard Mitigation | No coordinates are shown, as the project is not located in a particular place, rather it will impact at least 10,000 lots in the city. |
| Juana Diaz | Municipality | 07/16/20 | This project includes a breakwater construction for the Cambaya sector in the Capitanejo Ward. This sector has a great economic and tourism potential. The Municipality have already obtained approval for two LOIs totalling \$2M to improve the stormwater management in the area, which is the location of the Cambaya Boardwalk, for which FEMA PA funds are estimated in \$3M. The proposed breakwater will protect the Cambaya Sector and contiguous communities from tsunami and storm surges. The project considers two phases, the first one includes all concerning environmental, engineering studies, design, and permits. The second phase will include the breakwater construction, which will extend for approximately 350 meters. The project will protect life and private property for over 1000 families. It will also protect federal, state and municipal investment in the boardwalk, municipal roads, state road PR-1, among others. | The project will be located in the Caribbean Sea, Southern coast of the Municipality of Juana Diaz, in front of the Cambaya Sector, in the Capitanejo Ward. | \$20,000,000.00 | \$- | N/A | \$20,000,000.00 | This project will mitigate damages for approximately 70 acres of land containing critical infrastructure, residential structures, public facilities and tourist attractions. | 17.9899 | -66.482224 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | This project includes a city-wide educational campaign about forest fires and their environmental, economic, social, and health impact to the Municipality. The campaign can be implemented through social networks, and community meetings. The project will improve the conservation of green areas and prevent loss of natural resources. The direct result of the project will be a reduction in economic resources and equipment, as well as direct hazards related to fire extinguishing operations, particularly in Juana Diaz, which currently lacks in equipment from the Firefighting Department as equipment available is mostly outdated and/or not in good state. Approximately 50,000 Juana Diaz inhabitants will benefit from the project. | The project will focus in city-wide orientation to general public. | \$10,000.00 | \$- | N/A | \$10,000.00 | The project will impact the totality of the Juana Diaz area, covering over 38,000 acres. | | | Multi-Hazard Mitigation | No coordinates are shown, as the project is not located in a particular place, rather it will impact the Juana Diaz population. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Juana Diaz | Municipality | 07/16/20 | This project proposes an educational campaign for coastal zone conservation and protection and disaster awareness in the communities of the Capitanajo Ward. It considers joining with the Academy, and PNP Organizations to implement an existing plan that will capacitate communities for preservation and conservation activities, involve community leadership in the development of concrete initiatives to protect communities in case of tsunamis, storm surges, and flooding, and restoring tsunami evacuation signaling destroyed by Hurricane Maria. The project will benefit over 4,550 inhabitants in the area. | The project will be focused in the Capitanajo Ward in the Southern region of the Municipality of Juana Diaz. | \$220,000.00 | \$- | N/A | \$220,000.00 | The Capitanajo populated area cover approximately 230 acres of land. | 17.992548 | -66.493019 | Multi-Hazard Mitigation | A proposal for this project was already submitted to the Coastal Zone Management Program of the Department of Natural and Environmental Resources, and it was developed by Dr. Manuel Valdés Pizarri. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes assessment, design, and channelization of a natural channel located in the Camboya Sector in the Capitanajo Ward, in Juana Diaz. With an extension of over 600 m, the waterway manages a considerable amount of flow during intense rain events. The project considers a first phase of environmental studies, design, permits and another phase to develop construction of the channel structure in order to make it capable of managing a 100-year design storm. The project reduces risk of flood damages to residential buildings and public infrastructure, including Municipal roads. It also reduces disaster recovery funds. Approximately 300 residents of the Capitanajo Ward will be directly benefited from this project. By increasing streambed capacity, this works will mitigate erosion of stream banks contiguous to residences. | The project will be located in the Camboya Community of the Capitanajo Sector in Juana Diaz. | \$6,250,000.00 | \$- | N/A | \$6,250,000.00 | The project will improve over 600 meters of a waterway located in a highly populated residential area. The total Descalarado floodplain area discharging into this stream is approximately 2000 acres. | 17.991832 | -66.481375 | Multi-Hazard Mitigation | This project will complement FEMA approved LOIs for this area, totalling \$2M for stormwater management in a highly populated area with history of frequent flooding. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes assessment, design, and channelization of a water stream located in the Serrano Sector in the Capitanajo Ward, in Juana Diaz. With an extension of over 715 m, the waterway manages a considerable amount of flow during intense rain events. The project considers a first phase of environmental studies, design, permits and another phase to develop construction of the channel structure in order to make it capable of managing a 100-year design storm. The project reduces risk of flood damages to residential buildings and public infrastructure, including Municipal roads. It also reduces disaster recovery funds. Approximately 900 residents of the Capitanajo Ward will be directly benefited from this project. By increasing streambed capacity, this works will mitigate erosion of stream banks contiguous to residences. | The project will be located in the Serrano Community of the Capitanajo Sector in Juana Diaz. | \$7,500,000.00 | \$- | N/A | \$7,500,000.00 | The project will improve over 715 meters of a waterway located in a highly populated residential area. The total Jacaguas floodplain area discharging into this stream is approximately 35 acres. | 17.990316 | -66.49825 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes assessment, design, and improvements for the restoration of a natural channel located in the Serrano Sector in the Capitanajo Ward, in Juana Diaz. With an extension of over 715 m, the waterway manages a considerable amount of flow during intense rain events. The project considers the cleaning, debris and sedimentation removal, and restoration of channel banks in order to make it capable of managing a 100-year design storm. The project reduces risk of flood damages to residential buildings and public infrastructure, including Municipal roads. It also reduces disaster recovery funds. Approximately 900 residents of the Capitanajo Ward will be directly benefited from this project. By increasing streambed capacity, this works will mitigate erosion of stream banks contiguous to residences. | The project will be located in the Serrano Community of the Capitanajo Sector in Juana Diaz. | \$700,000.00 | \$- | N/A | \$700,000.00 | The project will improve over 715 meters of a waterway located in a highly populated residential area. The total Jacaguas floodplain area discharging into this stream is approximately 35 acres. | 17.990316 | -66.49825 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes assessment, design, and improvements to a brook located in the Jacaguas Ward, in Juana Diaz. With an extension of over 800m, the waterway manages a considerable amount of flow during intense rain events. The project consists in enhancing the waterway banks and reducing sedimentation in order to broaden the brook's capacity. Improvement works include sedimentation removal and disposition, and stabilizing sod planting on banks. The project reduces risk of flood damages to residential buildings and public infrastructure, including Municipal and State roads. It also reduces disaster recovery funds. Approximately 4,225 residents of the Jacaguas Ward will be directly benefited from this project. By increasing streambed capacity, this works will mitigate erosion of stream banks contiguous to residences. Since the stream directly affects state road PR-14, mitigation works will reduce flood damages to major transportation infrastructure, and economic losses due to business interruption in a highly commercialized area. | The Jacaguas community is located on PR-14 at the Jacaguas Ward, in the West area of the Municipality. It belongs to the Jacaguas Floodplain, to which the stream to be improved is tributary | \$800,000.00 | \$525,000.00 | FEMA 404 HMGP | \$275,000.00 | The project will improve over 800 meters of a water stream located in highly populated area. | 18.05430617 | -66.52887705 | 100-year flooding | FEMA HGMP approved LOI 1214. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes development of existing schools not in use by the Department of Education, in order to transform them into elderly housing centers. The project will include all interior and exterior improvements to provide care, recreation, and professional attention for elderly people, a demographic group in rise in the Municipality of Juana Diaz, as per Census records. The project will provide affordable, and safe housing for at least 100 golden-agers. | This project will impact the Santiago Collazo Pérez school in the Aguilita community, Sábana Llana Ward, and the Salvador Busquets school in the Parcelas Guayabal sector of the Guayabal Ward. | \$7,500,000.00 | \$- | N/A | \$7,500,000.00 | This project will impact the Santiago Collazo Pérez school in the Aguilita community, Sábana Llana Ward (1.6 acres), and the Salvador Busquets school in the Parcelas Guayabal sector of the Guayabal Ward (2.8 acres). | 18.022909 | -66.534063 | Multi-Hazard Mitigation | The coordinates for the other school are: 18.076384, -66.500287. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes economic impulse for business in the urban area of Juana Diaz. It considers the acquisition of 15 buildings within the downtown area for rehabilitation purposes. Once rehabilitated, these facilities will be rented to business at affordable prices, so as to potentiate economic inversion and attract new businesses to the area. Rehabilitation works will include PV solar panel installation, electrical generator installation and water storage tank system installation in order to provide resiliency for these businesses in case of natural disasters. It will also include seismic evaluation and reinforcement if needed. All works will be performed in compliance with applicable codes and regulations concerning historic preservation, environmental considerations, structural, and accessibility. | The project will be located in urban/downtown area of the city, Pueblo Ward. | \$6,000,000.00 | \$- | N/A | \$6,000,000.00 | The project will impact the Pueblo Ward in Juana Diaz, totalling approximately 315 acres. | 18.05253383 | -66.50609413 | | *Coordinates shown are at the center point |



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|---|---------------|--------------------------------------|--|--|--|---|--|---|--|--|--|---|--|
| Juana Diaz | Municipality | 07/16/20 | This project proposes improvements and/or replacement of a stormwater system in Piedra Aguzá Sector of the Amueles Ward, Juana Diaz, currently discharging into a ditch surrounding the community. Also, the project includes relocation of public stormwater infrastructure for a portion of the system that runs through private property with exposed piping infrastructure, in order to prevent damages to private residences. The project consists in redesigning and improving the current system so as to efficiently manage 100-year rain events. Improvements to the receiving ditch are also proposed. The project minimizes or eliminates damages to residential buildings and municipal road infrastructure in the area due to flooding. Approximately 400 inhabitants will be directly benefited from this project. Also, commercial and public buildings located in the Amueles Ward could be protected from communication loss due to the project's impact on the PR-510. The project will reduce immediate flood risk for residents with public infrastructure running through their property and will mitigate flooding and structural damages to residences and public property because of excess in runoff water. | The Piedra Aguzá Sector is located in the Amueles Ward, and can be accessed through PR-510. | \$650,000.00 | \$- | N/A | \$650,000.00 | The project will improve over 150 meters of a stormwater system located in a highly populated residential area. | 18.037617 | -66.494954 | 100-year flooding | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes improvements and/or replacement to the stormwater system in Galicia Sector of the Capitanejo Ward, Juana Diaz. The existing system manages stormwater flow that discharge into the Caribbean Sea. The project consists in two phases comprising first, the current system's assessment and redesign in order to efficiently manage 100-year rain events, and secondly, improvements to the stormwater management system including pipe replacement where needed, retention pond, and/or pump station and installation of a "T" fitting on the end of the pipe. The project minimizes or eliminates damages to residential buildings and telephone, power, water and municipal road infrastructure in the area due to flooding. Approximately 600 inhabitants will be directly benefited from this project. The project will directly reduce flood risk for residences in the AE SFHA. The project will also reduce flood-induced sanitary backups and will ensure proper discharge onto the sea. | The Galicia community is located on PR-572 at the Southwestern area of the Municipality. It resides contiguous to the Caribbean Sea coast. | \$615,000.00 | \$345,000.00 | FEMA 404 HMGP | \$270,000.00 | The project will improve over 1700 meters of a stormwater system located in a highly populated residential area. The total Jacaguas floodplain area discharging into this stream is approximately 30 acres. | 17.986297 | -66.509787 | 100-year flooding | FEMA HGMP approved LOI 1041. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes improvements to a brook located in the Guayabal Ward, in Juana Diaz. With an extension of over one mile, the waterway manages a considerable amount of flow during intense rain events. The project consists in enhancing the waterway banks and reducing sedimentation in order to broaden the brook's capacity. Improvement works include sedimentation removal and disposition, and stream slope's permanent stabilization and protection. The project minimizes or eliminates damages to residential, commercial and public buildings and infrastructure, and minimizes economic losses due to the reestablishment of community operations and daily activities. Approximately 1,440 residents will be directly benefited from this project. Indirectly, the project could prevent damages to residences and commerce serving more than 6,100 inhabitants in the Guayabal borough of Juana Diaz. Also, the PR-149, and several other community small bridges and low water crossings, could be protected from future damages. | The Guayabal Ward is accessed through PR-149, and its located to the North of the city. The water stream to be restored is tributary to the Jacaguas Floodplain. | \$2,125,000.00 | \$- | N/A | \$2,125,000.00 | The project will improve over 715 meters of a waterway located in a highly populated residential area. The total Jacaguas floodplain area discharging into this stream is approximately 160 acres of steep slope. | 18.080035 | -66.50214 | Rain Induced Landslides | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes redesign/retrofitting of a damaged low crossing structure in the community of Los Leones of the Guaraguao Sector in the Collores Ward. The low crossing provides passage over Rio Guayo, which manages considerable amounts of flow during intense rain events. The project consists in redesigning the low crossing and culvert based on updated H&H data in order to enhance its resiliency for future flood events. Structural, environmental, and hydrologic studies must be performed in order to assess the bridge's current condition and the possible capacity increase along with the reconstruction of its deck, superstructure, substructure elements, and water management features. | This project is to be located on the Los Leones community in the Guaraguao Sector of the Collores Ward. The low crossing provides passage over Rio Guayo, tributary to the Inabón Floodplain. | \$1,100,000.00 | \$- | N/A | \$1,100,000.00 | The project will improve approximately 25 meters of a low crossing/culvert. | 18.120963 | -66.554846 | 100-year flooding | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes sediment build-up removal on Rio Descalabrado located in the Rio Cañas Abajo Ward, in Juana Diaz. This waterway manages a considerable amount of flow during intense rain events. The project consists in enhancing the waterway banks and reducing sedimentation in order to broaden its capacity. Improvement works include sedimentation removal and disposition in a section of approximately 1.5 miles. The project reduces risk of flood damages to residential buildings and public infrastructure, including a bridge, and minimizes economic losses due to the reestablishment of community operations and daily activities. It also reduces disaster recovery funds. Approximately 50 residents will be directly benefited from this project. | The Rio Descalabrado Floodplain discharges onto the Caribbean Sea and is located in the Eastern part of Juana Diaz, in the jurisdiction with Santa Isabel Municipality. | \$2,000,000.00 | \$- | N/A | \$2,000,000.00 | The project will improve over 2,400 meters of river conditions. | 18.008922 | -66.432577 | Multi-Hazard Mitigation | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes seismic retrofit for schools currently not in use in the jurisdiction of Juana Diaz, so they can be developed for elderly housing. The project considers seismic retrofit for the currently closed for further residential development. All retrofit improvements are to be made based on current applicable codes, regulations, and standards, including: FEMA 306, FEMA 307, FEMA 308, FEMA 774, FEMA 547, FEMA 273, FEMA 274, FEMA P-807, FEMA E-74, FEMA 352, ACI 546R, ASCE 41-17. | This project will impact the Santiago Collazo Pérez school in the Aguilita community, Sábana Liana Ward, and the Salvador Busquets school in the Parcelas Guayabal sector of the Guayabal Ward. | \$1,500,000.00 | \$- | N/A | \$1,500,000.00 | This project will impact the Santiago Collazo Pérez school in the Aguilita community, Sábana Liana Ward (1.6 acres), and the Salvador Busquets school in the Parcelas Guayabal sector of the Guayabal Ward (2.8 acres). | 18.076384 | -66.500287 | Multi-Hazard Mitigation | The coordinates for the other school are: 18.022909, -66.534063. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes soil stabilization methods and streambed capacity for an area highly eroded by Rio Inabón located in the Aguilita and Santa Rita Sectors, Sábana Liana Ward. The community is located contiguous to the river for an extension of over 8000ft. Several residences report progressive soil destabilization on their properties as a result of river bank and slope erosion, and Municipal roads have collapsed due to aggressive destabilization of subbase. This project proposes over 8,000 SY of rip-rap for soil stabilization. The project reduces risk of flood damages to residential buildings and public infrastructure, including Municipal roads. It also reduces future disaster recovery funds. Approximately 1200 residents of the Sábana Liana Ward will be directly benefited from this project. This works will mitigate erosion of river banks contiguous to residences. Several lots have already been lost due to landslides as a result of river flow eroding foundations. | The project will be located in the Sábana Liana Ward, the Aguilita and Santa Rita communities. This community is contiguous to the Inabón River, in the jurisdiction with the Municipality of Ponce. | \$3,000,000.00 | \$- | N/A | \$3,000,000.00 | The linear distance covered by the proposed mitigation activity will be approximately 2,350 meters, located on the Eastern bank of the Inabón River, contiguous to the Santa Rita and Aguilita communities in Sábana Liana Ward. | 18.03162685 | -66.54017493 | Rain Induced Landslides | As executed in the past, permits for this type of work could be processed directly through DNER or with DNER sponsorship through a JPA for COE GP-85, Nationwide-13, among others. |



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|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|---|
| Juana Diaz | Municipality | 07/16/20 | This project proposes soil stabilization methods for an area comprising a confluence of streams located in the Cuevitas Sector, Guayabal Ward. With an extension of over 860 m, the waterway manages a considerable amount of flow during intense rain events. Several residences report progressive soil destabilization on their properties as a result of river bank expansion and slope erosion. The project proposes a rip-rap bank stabilization project covering approximately 6,600 SY including critical stream features such as meanders and confluence points. Sedimentation removal is also considered. The project minimizes or eliminates damages to residential buildings due to landslides and stream bank erosion. Approximately 300 inhabitants will be directly benefited from this project. The project will directly reduce flood and erosion risk, loss of life, and damages to residences and public infrastructure such as state road PR-5552. | The project will be located in the Guayabal Ward, Cuevitas Sector, and can be accessed through the state road PR-5552. | \$650,000.00 | \$- | N/A | \$650,000.00 | The project proposes over 500 lineal meters of improvements to stream banks with soil stabilization techniques. | 18.07581883 | -66.49103999 | Rain Induced Landslides | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes soil stabilization methods for an area highly eroded by Rio Jacaguas located in the Municipal Landfill on the Sabana Llana Ward. The landfill area is located contiguous to the river for an extension of over 4000ft. Progressive soil destabilization have been reported as a result of river bank and slope erosion. This project proposes two phases consisting in first, the design and assessment of current river conditions affecting the facility, and second, soil stabilization improvements to prevent erosion and possible high scale environmental impact. The project minimizes or eliminates damages to a sensitive facility and public infrastructure due to landslide and stream bank erosion. The project will directly reduce flood and erosion risk, disaster emergency and recovery funds, and environmental impact due to leachate and other hazardous substances contaminating water resources. The project will also safeguard the remaining useful life of the landfill serving the 55,000 residents of Juana Diaz and several adjacent Municipalities that deposit sorts of waste in this facility for a daily waste flow of 200 daily Tons. | The project will take place in the Municipal Landfill located in the Sabana Llana Ward and accessed through the PR-510 km. 4.7. | \$4,500,000.00 | \$- | N/A | \$4,500,000.00 | The proposed soil stabilization techniques will comprise over 1,500 lineal meters located on the Western bank of the Jacaguas River, contiguous to the Municipal Landfill. | 18.03262891 | -66.51286077 | Rain Induced Landslides | |
| Juana Diaz | Municipality | 07/16/20 | This project proposes the construction of approximately 800ft of floodwall or levee to protect several communities in Barrio Pueblo Ward, major commercial buildings, and state road PR-149 from flooding and potential scouring. It proposes a man-made barrier to control Rio Jacaguas during rain events from impacting directly this location because of a meander. High velocity flow and a sudden change in direction have contributed to the river rising up to properties over 50' above the streambed level. The project includes an H&H study, design, and permitting from agencies such as USACE and DNER. The project benefits over 1,000 inhabitants in the area, secures major communications, water, power, and transportation infrastructure such as the PR-149 which is one of the most transited roads in Juana Diaz, and its used by adjacent Municipalities to access highway PR-52. It also prevents commercial losses due to its closeness to the Juana Diaz Mall, being the most important commercial centre in the Municipality. The barrier will reduce risk of flooding and erosion in this critical location, preventing loss of residences and most important, life. | The location of the proposed floodwall is North of Santo Domingo community, which is located on PR-149, in the urban/downtown one of the Municipality. It belongs to the Jacaguas Floodplain, from which this improvements are intended to mitigate. | \$1,150,000.00 | \$650,000.00 | FEMA 404 HMGP | \$500,000.00 | The project will provide more than 800 meters of floodwall. | 18.04926074 | -66.511455 | 100-year flooding | FEMA HGMP approved LOI 1203. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes the design and construction of Vertical Evacuation structures as protection from tsunamis. Recent seismic activity has shown that even after comprehensive orientation of the emergency plan and safe meeting spots, during a tsunami warning, residents in the Southern part of the Municipality evacuate using vehicles, jamming primary transportation routes that are essential for rapid response. This project proposes the use of existing applicable guidelines FEMA P-646 to construct between 30,000 to 50,000 square feet of vertical evacuation multi purpose structures based on a Municipal Vertical Evacuation Plan findings and recommendations. The project will consist of at least four phases. The first one will be location selection and land acquisition, in case its needed. The second one will be the design as per latest code and ASCE 7 tsunami loads. The third phase will be the construction of these structures. The last stage of the project will be an educational campaign and incorporation of the structures in the tsunami evacuation maps in conjunction with the Puerto Rico Seismic Network. | The project will focus in developing Vertical Evacuation Structures in the Southern part of the Municipality, subject to tsunami hazards from the Caribbean Sea. | \$7,500,000.00 | \$- | N/A | \$7,500,000.00 | The Southern part of Juana Diaz has over 430 acres of populated area, which will be benefited from this project. | 17.995659 | -66.492902 | Tsunami | Coordinates shown are at the center point of the Southern region of the Municipality. |
| Juana Diaz | Municipality | 07/16/20 | This project proposes the development of a Municipal Vertical Evacuation Plan in case of tsunamis, to be incorporated into the Emergency Response Plan. Recent seismic activity has shown that even after comprehensive orientation of the emergency plan and safe meeting spots, during a tsunami warning, residents in the Southern part of the Municipality evacuate using vehicles, jamming primary transportation routes that are essential for rapid response. This project proposes assessment of current evacuation routes and tsunami hazards, to present options regarding vertical evacuation within the Southern sectors of the Municipality, closest to the Caribbean Sea. The Plan will use existing guidelines such as FEMA P-646 y el FEMA P-646A to propose type of structures and location. | The project will focus in developing a Plan that will impact the Southern part of the Municipality, subject to tsunami hazards from the Caribbean Sea. | \$35,000.00 | \$- | N/A | \$35,000.00 | The Southern part of Juana Diaz has over 430 acres of populated area, which will be benefited from this project. | 17.995659 | -66.492902 | Tsunami | Coordinates shown are at the center point of the Southern region of the Municipality. |
| Juana Diaz | Municipality | 07/16/20 | This project will increase the capacity of the stormwater infrastructure in the Arús Sector in Juana Diaz. It will consist in two phases: Phase I will assess the capacity of the existing storm drainage system, identify possible connections with sanitary system, define system improvement needs, and design a cost-effective combination of stormwater systems such as retention/detention ponds, open channels, or underground pipe replacement, capable of managing a 100-year design storm. Phase II will implement the design and recommendations. Project will mitigate flooding of residential, commercial and public buildings. It will benefit a population of approximately 500 residents. It will also reduce economic losses and impact to major transportation infrastructure such as state road PR-1 which connects several Municipalities along the South coast of Puerto Rico. The project will also reduce environmental impact due to flood-induced sanitary backups. The project will enhance the resilience of stormsewer assets for a 100-year storm. | The Arús community is located on PR-1 at the Southwestern area of the Municipality. It resides contiguous to the Jacaguas River in the jurisdiction between Capitanajo and Cirtrona wards. | \$600,000.00 | \$425,000.00 | FEMA 404 HMGP | \$175,000.00 | The project will improve over 1150 meters of a stormwater system located in a highly populated residential area. The total Jacaguas floodplain area discharging into this stream is approximately 30 acres. | 17.99928066 | -66.52790672 | 100-year flooding | FEMA HGMP approved LOI 1830. |



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| Juana Diaz | Municipality | 07/16/20 | This project will increase the capacity of the stormwater infrastructure in the Serrano, Pastillo, and Cambaya Sectors in Juana Diaz. It will consist in two phases; Phase I will assess the capacity of the existing storm drainage system, identify possible connections with sanitary system, define system improvement needs, and design a cost-effective combination of stormwater systems such as retention/detention ponds, open channels, or underground pipe and culvert replacement, capable of managing a 100-year design storm. Phase II will implement the design and recommendations through construction activities. Project will mitigate flooding of residential, commercial and public buildings. It will benefit a population of approximately 4500 residents. It will also reduce economic losses and impact to major transportation infrastructure such as state road PR-1 which connects several Municipalities along the South coast of Puerto Rico. The project will also reduce environmental impact due to flood-induced sanitary backups. The project will enhance the resilience of stormwater assets for a 100-year storm. | This project will impact most of the Capitanejo Ward located in the Southern side of the city. The impacted communities are accessed through the PR-1 state road. | \$13,000,000.00 | \$730,000.00 | FEMA 404 | \$12,270,000.00 | The project will improve approximately 17,850 meters of stormwater systems currently installed in the community roads. The total area cover by this floodplain amounts to 200 acres. | 17.99244058 | -66.49045376 | 100-year flooding | FEMA HGMP approved LOI 1040 that improves storm sewer system in the Cambaya Sector. |
| Juana Diaz | Municipality | 07/16/20 | This project will remove existing stormwater infrastructure located in private residences in street 1 of the Pastillo Ward in Juana Diaz. During intense rain events, the stormwater system does not operate correctly, as it runs through private properties, and have limited flow capacities and deficient outlet points discharging onto the Caribbean Sea. The project will consist in two phases; Phase I will assess the capacity of the existing storm drainage system, identify possible connections with sanitary system, define system improvement needs, and design a cost-effective combination of stormwater systems such as retention/detention ponds, open channels, or underground pipe and culvert replacement, capable of managing a 100-year design storm. Phase II will implement the design and recommendations through construction operations. Project will mitigate flooding of residential, commercial and public buildings. It will benefit a population of approximately 500 residents. It will also reduce economic losses and impact to major transportation infrastructure such as state road PR-1 which interconnects several southern Municipalities. The project will also reduce environmental impact due to flood-induced sanitary backups and non-compliant discharge onto the seawater. The project will enhance the resilience of stormwater assets for a 100-year storm, and provide protection to other critical infrastructure such as power, water, and telecomms. | This project will impact several streets in the Pastillo Sector of the Capitanejo Ward located in the Southern side of the city. The impacted communities are accessed through the PR-1 state road. | \$750,000.00 | \$- | N/A | \$750,000.00 | The project will improve approximately 500 meters of stormwater systems located in Street No 1 and contiguous residences and streets. The total area discharging into this stormwater segment is approximately 4 acres. | 17.990991 | -66.484679 | 100-year flooding | |
| Juncos | Municipality | 07/01/20 | In Juncos, flooding has been one of the most common risks. Over the years the community of Juncos has suffered damage associated with the floods. This project would address the floods, loss of property and danger of loss of life in the Quebrada La Ceiba in the Ceiba Norte neighborhood of our municipality. Improvement of Drainage and Storm Sewer System Level of Protection: 100-yr. event. During declared disaster incident period of September 20, 2017, heavy rainfall from Hurricane Maria caused flooding on the Municipality of Juncos (Municipality). Runoff water and the high velocity of flow caused damages on roads and electrical facilities. The proposed project will include Demolition and Excavation of Site, Concrete Culvert, Storm Sewer Pipe Installation and Street Finishes at Site. Construction would require the use of heavy machinery to excavate approximately 600 cubic yards of undisturbed soil. Removal of | Municipality of Juncos, Ceiba Norte Ward Latitude: 18.2220000000 N Longitude: -65.9070000000 E | \$3,800,000.00 | 2000000 | FEMA Hazard Mitigation Grant Program | \$1,800,000.00 | 950 meters | 18.222 | N -65.9070000000 E | 100-year flooding | ct is included in the Natural Hazard Mitigation Plan of the Municipality |
| Juncos | Municipality | 07/01/20 | To prevent floods caused by the overflow of storm sewage systems that discharge into the canalized creek due to the effect of hindsight the Municipality is propose the design of a sewer system. The purpose of the project is to improve and expand the drainage capacity in the Pueblo neighborhood considering the mitigation measures submitted in the EPA MS4 permit. Based on the Hazard Mitigation Plan submitted to FEMA the development of this project would benefit 78 Residential Structures, and 91 Commercial Facilities. | Municipality of Juncos, Pueblo Ward Latitude: 18.2280000000 N Longitude: -65.9230000000 E | \$450,000.00 | Not Applicable | Not Applicable | \$450,000.00 | 1000 meters | 18.2280000000 N | -65.9230000000 E | 100-year flooding | ct is included in the Natural Hazard Mitigation Plan of the Municipality |
| Lajas | Municipality | 08/05/20 | Adquisición de camión y de equipo de seguridad para combatir incendios forestales. Para uso del personal de manejo de emergencias municipal. | Oficina Municipal de Manejo de Emergencias | \$250,000.00 | | No se identifican otras fuentes | \$250,000.00 | N/A | 18.044465 | -67.060069 | Wildfire | Históricamente, Lajas es uno de los municipios con mayor incidencia de sequía y fuegos forestales. |
| Lajas | Municipality | 08/05/20 | Adquisición de equipo y materiales para manejo de derrames de sustancias peligrosas. Incluyendo adiestramientos al personal. | Oficina Municipal de Manejo de Emergencias | \$20,000.00 | | No se identifican otras fuentes | \$20,000.00 | N/A | 18.044465 | -67.060069 | Human Caused | Ante la posibilidad de accidentes que envuelvan vehículos de transporte de materiales peligrosos y ocurran derrames (de combustible, aceite u otros) que requieran intervención inmediata del Municipio para contenerlos. |
| Lajas | Municipality | 08/05/20 | Habilitación como refugios temporeros de las antiguas escuelas Antonio Pagán y Mario Pagán. Se propone la rehabilitación de cada escuela, al diseño y la construcción de mejoras para hacer las estructuras resistentes a terremotos y huracanes. Incluye rehabilitación de planta física, baños, instalación de duchas, sistema, remodelación de cocina para incrementar su capacidad y mejoras al área de almacén. | Antigua Escuela Antonio Pagán, Carr. #316 km. 1.3 Bo. Candelaria, Lajas Antigua Escuela Mario Pagán, carr. # 117 km. 2.1 int. Bo. Santa Rosa, Lajas | \$750,000.00 | | No se identifican otras fuentes | \$750,000.00 | Esc. Ant. Pagán: 1,112 m2 Esc. Mario Pagán: 2,120 m2 | 18.05499895 18.04923691 | -67.07316015 -67.04154003 | Multi-Hazard Mitigation | Antigua Escuela Antonio Pagán Antigua Escuela Mario Pagán Titularidad de ambas escuelas: arrendamiento al estado (en actual proceso de renovación). |
| Lajas | Municipality | 08/05/20 | Iniciar el Programa Educativo de Concientización y Preparación ante Desastres Naturales y Accidentes. Se propone la adquisición de materiales de oficina, computadoras y equipo audiovisual necesario para orientar y preparar a la ciudadanía y a los niños de edad escolar. | Oficina Municipal de Manejo de Emergencias | \$20,000.00 | | No se identifican otras fuentes | \$20,000.00 | N/A | 18.044465 | -67.060069 | Multi-Hazard Mitigation | Para promover la preparación y resiliencia en las comunidades de Lajas a través de la educación temprana en las escuelas. |
| Lajas | Municipality | 08/05/20 | Programa de eliminación y reuso de estorbos públicos. Se propone la identificación, inspección, adquisición y demolición de estructuras cuyo estado de marcado deterioro representan un peligro inminente a la salud y seguridad de sus vecinos; y además contribuyen a la depresión económica de la comunidad donde se ubican. Si se determina que la propiedad donde se ubica la estructura es de utilidad pública será adquirida mediante expropiación por su valor justo de mercado. | Todos los barrios y comunidades de Lajas incluyendo el centro urbano. | \$1,250,000.00 | | No se identifican otras fuentes | \$1,250,000.00 | A determinarse. | | | Multi-Hazard Mitigation | Se estima que 50 propiedades serán trabajadas en este programa a un costo unitario de \$25,000 c/u. Cada propiedad será identificada, valorada, demolida y adquirida de determinarse utilidad pública. La utilidad pública se determinará en base a la infraestructura y la zonificación existentes en base a los cuales se asignará uso residencial, uso público o conservación para áreas verdes o mitigación de peligros. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|--|--|--|---|--|
| Lajas | Municipality | 08/05/20 | Reconstrucción de muros de contención en varios caminos municipales. Se propone la inspección, evaluación, reconstrucción y construcción donde amerite, de varios muros de contención colindantes a taludes de caminos municipales que representan peligro a la seguridad y propiedad de transeúntes. De colapsar, cerrarían el paso de los residentes a sus hogares. Esto incluye instalación de valos de seguridad y cunelones para proteger las obras. | Varios lugares en Lajas: Camino La 50 Bo. Candelaria; Camino La Cuchilla, Bo. París; Camino Los Lugo, Sector La Haya; Camino Los Jobillos, Bo. Candelaria | \$500,000.00 | No se identifican otras fuentes | No se identifican otras fuentes | \$250,000.00 | Aprox. 100' lineales c/u | 18.054787 18.045328 18.059840 18.056512 | -67.062579 -67.105905 67.063939 67.074696 | Rain Induced Landslides | Camino La 50, Bo. Candelaria Camino La Cuchilla, Bo. París Camino Los Lugo, Bo. Candelaria Camino Los Jobillos, Bo. Candelaria Además se identificarán otros lugares donde exista peligro de deslizamiento y se mitigará mediante la construcción de muros de contención u otro sistema. |
| Lajas | Municipality | 08/05/20 | Rehabilitación de los Centros Comunitarios/Refugios temporeros de varias comunidades rurales. Se propone la inspección de cada centro, el diseño y construcción de mejoras para hacerlos resistentes a terremotos y huracanes de categoría alta. Incluye rehabilitación de los centros para servir como refugios temporeros y almacenes temporeros de artículos de primera necesidad. Incluye rehabilitación de planta física, baños, instalación de duchas, sistema, remodelación de cocina para incrementar su capacidad, ampliación de área de piso para ubicación de catres y cumplir con distanciamiento y mejoras a área de almacén. Incluye adquisición e instalación de generador eléctrico. | Se rehabilitarán los Centros Comunitarios de 11 Comunidades Rurales: Cuesta Blanca, Salinas, Parguera, Olivares, Maguayo, Palmarejo I, Palmarejo II, París, Santa Rosa, Lajas Arriba y La Plata. | \$1,650,000.00 | No se identifican otras fuentes | No se identifican otras fuentes | \$1,650,000.00 | Cuesta Blanca 226.10 m2 Salinas 170.08 m2 315.01 m2 m2 Parguera, Olivares 205.24 m2 Maguayo 306.14 m2 Palmarejo I 267.77 m2 Palmarejo II 237.00 m2 París 184.30 m2 240.93 m2 Santa Rosa Lajas Arriba 284.13 m2 La Plata 158.44 m2 | 17.996351 17.975644 18.002515 18.041076 18.037706 18.047518 18.037773 17.975665 18.009990 -67.076533 67.083558 67.041831 67.107592 67.011139 -66.972781 -66.992411 67.046195 -67.0853 -67.072857 -67.0853 -67.083558 67.107592 67.041831 67.011139 66.983498 | Multi-Hazard Mitigation | Cuesta Blanca (302 hogares, 3 comercios, 3 facilidades gubernamentales, 2 iglesias; 1,057 residentes) Salinas (124 hogares, 2 comercios, 4 facilidades gubernamentales, 2 iglesias; 465 residentes) Parguera (364 hogares, 20+ comercios, 5 facilidades gubernamentales, 2 iglesias; 1,274 residentes) Olivares (247 hogares, 2 comercios, 3 facilidades municipales, 1 iglesia; 864 residentes) Maguayo (339 hogares, 3 comercios, 4 facilidades gubernamentales, 3 iglesias; 1,186 residentes) Palmarejo I (299 hogares, 6 comercios, 4 facilidades gubernamentales, 3 iglesias; 1,046 residentes) Palmarejo II (128 hogares, 2 comercios, 1 facilidad gubernamental, 1 iglesia; 448 residentes) París (130 hogares, 2 comercios, 2 facilidades gubernamentales, 2 iglesias; 455 residentes) Santa Rosa (228 hogares, 3 comercios, 3 facilidades gubernamentales, 3 iglesias; 798 residentes) Lajas Arriba (310 hogares, 7 comercios, 3 facilidades gubernamentales, 2 iglesias; 1,085 residentes) La Plata (178 hogares, 2 comercios, 2 facilidades gubernamentales, 2 iglesias; 623 residentes) | |
| Lajas | Municipality | 08/05/20 | Reparaciones al Sistema de Alcantarillado Pluvial del Area Turística de La Parguera. Se propone la inspección, evaluación de mejoras, diseños, y reconstrucción, donde amerite, del sistema. Incluye reemplazo de parrillas, arreglo de cunelones y rotulación para prevención de contaminación y sedimentación. | Bo. Parguera, Lajas | \$1,250,000.00 | No se identifican otras fuentes | No se identifican otras fuentes | \$1,250,000.00 | Aprox. 3.200 mts (2 millas) | 17.976142 17.973156 | -67.061014 67.034333 | 100-year flooding | Coordenadas del comienzo. La Parguera es una reserva natural que requiere conservación. El proyecto viabiliza la protección de los arrecifes de coral del área de la contaminación y la sedimentación y mitiga el efecto de las inundaciones en los humedales existentes. Además colabora con el sistema de manejo de escorrentías de la Comunidad para aligerar la disposición de las aguas, mejorar su eficiencia y proteger la vida y la propiedad de los residentes aledaños. |
| Lajas | Municipality | 08/05/20 | Reparaciones al Sistema de Alcantarillado Pluvial del Casco Urbano. Se propone la inspección, evaluación de mejoras, diseños, y reconstrucción, donde amerite, del sistema. Incluye reemplazo de parrillas, arreglo de cunelones y rotulación para prevención de contaminación. | Bo. Pueblo, Lajas | \$500,000.00 | No se identifican otras fuentes | No se identifican otras fuentes | \$500,000.00 | A determinarse. | | | 100-year flooding | Se requiere por la antigüedad del sistema el desarrollo de mapas digitales. Se realizarán estudios hidrológicos hidráulicos de ser necesarios. |
| Lajas | Municipality | 08/05/20 | Reubicación y Construcción de Nueva Casa Alcaldía. Facultad crítica inaugurada en 1889 la cual debe ser reemplazada por una facilidad nueva que sea resistente a terremotos y huracanes. Que cumpla con todos los códigos de construcción y las leyes federales. Que posea sistema de agua y generador eléctrico en caso de pérdida de servicios. | La nueva facilidad será ubicada en un predio municipal contiguo al Cuartel de Policía Estatal y la Escuela Superior Leonidas Morales. La antigua facilidad será convertida en museo por su valor histórico. | \$5,000,000.00 | No se identifican otras fuentes | No se identifican otras fuentes | \$5,000,000.00 | Predio de 4,600 m2 | 18.04941608 | -67.05761236 | Multi-Hazard Mitigation | El propósito es asegurar la permanencia de los servicios que ofrece el Gobierno Municipal en caso de desastre natural de gran magnitud. Este antiguo edificio alberga las Oficinas del Alcalde, Secretaría Municipal (Contratos), Finanzas, Sistemas (de computación), Auditoría, Compras y la Legislatura Municipal. Durante el evento del Huracán María la facilidad no contó con los servicios esenciales de agua o luz por un mes. Las labores fueron trasladadas al Edificio de Manejo de Emergencias. Durante los terremotos la facilidad que está constituida en ladrillo y mampostería en algunas partes sufrió desprendimientos de empuñete y algunas grietas de menor tamaño. La facilidad no posee elevadores ni generador eléctrico. Actualmente representa un alto riesgo en caso de terremoto mayor. |
| Las Marias | Municipality | 07/31/20 | CONSTRUCCION DE VIVIENDAS RESILIENTES: URBANIZACION LA JUANITA | CREAR HOGARES SEGUROS UNIFAMILIARES Y MULTIFAMILIARES | \$2,500,000.00 | | Rural Development | \$2,500,000.00 | 184,936.18 m2 | 18.240123 | -67.014619 | Multi-Hazard Mitigation | SALVAGUARDAR LA VIDA DE LAS FAMILIAS QUE VIVEN EN TERRENOS CON ALTA POSIBILIDAD DE DESLIZAMIENTOS, CIERRE O COLAPSO DE CARRETERAS O ACCESOS VECINALES |
| Las Marias | Municipality | 07/31/20 | INSTALACION DE SISTEMA DE COMUNICACION SATELITAL (KP-4) EN LAS FACILIDADES ESENCIALES, PATRULLAS, AMBULANCIAS Y RESPUESTA RAPIDA DEL MUNICIPIO | CONECTAR SATELITALMENTE TODA COMUNICACION DE EMERGENCIAS DENTRO DE LA OMMME Y LOS PUNTOS ESTABLECIDOS COMO CRITICOS | \$4,000,000.00 | | | \$4,000,000.00 | | 18.250643 | -67.000849 | Multi-Hazard Mitigation | INDISPENSABLE LA COMUNICACION DE TODO EL EQUIPO DE RESPUESTA RAPIDA CON EL COE. PUNTOS DE DISTRIBUCIONES, TAMBIEN, AMBULANCIAS, PATRULLAS MUNICIPALES Y OTROS VEHICULOS DE RESPUESTA MUNICIPAL |
| Las Marias | Municipality | 07/31/20 | SOTERRADO DE LINEAS TRANSMISION ENERGIA ELECTRICA Y COMUNICACIONES DE LA URBANIZACION EL BOSQUE | ELIMINAR EL TENDIDO ELECTRICO DE LAS ACERAS, PARA MAYOR SEGURIDAD Y MEJOR RESPUESTA ANTE EMERGENCIAS | \$20,000,000.00 | | | \$20,000,000.00 | 68,000 m2 | 18.25143 | -66.990288 | Lightning | SE PRETENDE ELIMINAR EL TENDIDO ELECTRICO PARA UNA MEJOR RESPUESTA ANTE EVENTOS NATURALES O DE FUERZA MAYOR. |
| Las Marias | Municipality | 07/31/20 | SOTERRADO DE LINEAS TRANSMISION ENERGIA ELECTRICA Y COMUNICACIONES DE LA URBANIZACION EL COQUI, PASEO RAMON RIVERA, EL RESIDENCIAL JARDINES Y RIO ARENAS APARTMENTS. | ELIMINAR EL TENDIDO ELECTRICO DE LAS ACERAS, PARA MAYOR SEGURIDAD Y MEJOR RESPUESTA ANTE EMERGENCIAS | \$40,000,000.00 | | | \$40,000,000.00 | 196,447.93 m2 | 18.246935 | -66.989892 | Lightning | SE PRETENDE ELIMINAR EL TENDIDO ELECTRICO PARA UNA MEJOR RESPUESTA ANTE EVENTOS NATURALES O DE FUERZA MAYOR. |
| Las Marias | Municipality | 07/31/20 | SOTERRADO DE LINEAS TRANSMISION ENERGIA ELECTRICA Y COMUNICACIONES DEL CASCO URBANO | ELIMINAR EL TENDIDO ELECTRICO DE LAS ACERAS, PARA MAYOR SEGURIDAD Y MEJOR RESPUESTA ANTE EMERGENCIAS | \$25,000,000.00 | | | \$25,000,000.00 | 227,481.8 m2 | 18.252368 N | -66.991944 | Lightning | SE PRETENDE ELIMINAR EL TENDIDO ELECTRICO PARA UNA MEJOR RESPUESTA ANTE EVENTOS NATURALES O DE FUERZA MAYOR. |
| Las Piedras | Municipality | 07/17/20 | CONTROL DE INUNDACIONES EN LA COMUNIDAD DE PUEBLITO DEL RIO, BO. EL RIO CON LA CONSTRUCCION DE UN DIQUE, SIEMBRA DE ARBOLES Y COLOCACION DE GABIONES | BO. EL RIO, COMUNIDAD PUEBLITO DEL RIO, EN LA CUENCA HIDROGRAFICA DEL RIO GURABO. | \$500,000.00 | \$0.00 | \$0.00 | \$500,000.00 | aproximadamente 600 metros lineales | 18.223186 | -65.861025 | 100-year flooding | El propósito de esta mitigación es garantizar la seguridad de sobre 43 familias que fueron afectadas por las inundaciones ocasionadas por el Huracán María y proteger la propiedad en futuros eventos. |
| Las Piedras | Municipality | 07/17/20 | CONTROL DE INUNDACIONES EN LA COMUNIDAD MELILLA DEL BARRIO BOQUERON DE LAS PIEDRAS CERCA DEL CUERPO DE AGUA QUEBRADA HONDA, SISTEMA DE CANALIZACION COMBINADO ENTRE GABIONES, CANALES Y TUBERIA. | BO. BOQUERON, COMUNIDAD MELILLA, EN LA CUENCA HIDROGRAFICA DE QUEBRADA HONDA | \$3,000,000.00 | \$0.00 | \$0.00 | \$3,000,000.00 | aproximadamente 1,000 metros lineales | 18.205529 | -65.84361 | 100-year flooding | El propósito de esta mitigación es garantizar la seguridad de sobre 150 familias que fueron afectadas por las inundaciones ocasionadas por el Huracán María y proteger la propiedad en futuros eventos. |
| Las Piedras | Municipality | 07/17/20 | MEJORA DE INFRAESTRUCTURA DE SISTEMA DE ALCANTARILLADO SANITARIO DEL SECTOR SANTANA VELAZQUES DE LAS PIEDRAS. CONSISTE EN CONECTAR EL SISTEMA SANITARIO DEL SECTOR SANTANA VELAZQUE CON EL EXISTENTE EL LA CARR. 9939, CRUZANDO LA CARR. 198 | BO. QUEBRADA ARENA, SECTOR SANTANA VELAZQUEZ, DESVIO JOSE GOMEZ MERCED, LAS PIEDRAS. | \$250,000.00 | \$0.00 | \$0.00 | \$250,000.00 | 375 METROS | 18.19022 | -65.87392 | Multi-Hazard Mitigation | El propósito de esta mitigación es evitar contaminación ambiental y garantizar la salud de aproximadamente 100 familias, que se han visto afectados por el desbordamiento de aguas negras. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Las Piedras | Municipality | 07/17/20 | MEJORAS DE INFRAESTRUCTURA DEL SISTEMA DE ALCANTARILLADO SANITARIO DEL SECTOR FRANCISCO TORRES, BO. QUEBRADA ARENAS. CONSISTE EN CONECTAR LAS FACILIDADES DEPORTIVAS Y RESIDENCIAS ALEDAÑAS AL SISTEMA DE ALCANTARILLADO SANITARIO EXISTENTE EN LA URB. MANSIONES DE LOS ARTESANOS. | BO. QUEBRADA ARENAS, SECTOR FRANCISCO TORRES, CARR. PR-198, HACIA EL DESVÍO 204, LAS PIEDRAS | \$500,000.00 | \$0.00 | \$0.00 | \$500,000.00 | 1,260 METROS | 18.193435 | -65.883435 | Multi-Hazard Mitigation | El propósito de esta mitigación es evitar contaminación ambiental y garantizar la salud de los que asisten a las facilidades deportivas y de aproximadamente 25 familias de las residencias aledañas. |
| Luquillo | Municipality | 07/10/20 | 2 Camiones cisternas 2,500 galones. Los mismos para mitigar las comunidades en tiempo de sequía, en tiempo donde el bombeo de la AAA no esté funcionando se pueda brindar agua a las comunidades. | | \$750,000.00 | | | \$750,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | 2 Camiones gancharos para recoger material vegetativo a de construcción en caso de un desastre. | | \$500,000.00 | | | \$500,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Acceso a la Comunidad Juan Martín Adentro, El Acceso principal a la Comunidad de Juan Martín adentro se ha visto comprometido por las crecidas del río Juan Martín que obstruyen la entrada a este sector. | 18.1958 65.4132 Carr. PR-984, Bo. Juan Martín Adentro, Luquillo, PR 00773 | \$100,000.00 | | | \$100,000.00 | 500m | 18.1958 | 65.4132 | | |
| Luquillo | Municipality | 07/10/20 | Adquisición de digger para limpieza de zanjas y cunetes Back hole leader 4x4 para el mantenimiento y limpieza del sistema de escorrentía pluvial del Municipio de Luquillo. | | \$175,000.00 | | | \$175,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Adquisición de datos generados por compañías o entidades que nos puedan servir para una mejor toma de decisiones. | | \$75,000.00 | | | \$75,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Adquisición de excavadora para darle mantenimiento a los drenajes y sistema de alcantarillado. | | \$250,000.00 | | | \$250,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Adquisición de camión de agua, para destapar y darle mantenimiento a los desagües y sistemas de alcantarillado y de escorrentía pluvial Back-hoiler. | | \$450,000.00 | | | \$450,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Adquisición de Sistema de GIS con sus respectivas computadoras y servidores. | | \$50,000.00 | | | \$50,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Adquisición y demolición de 37 viviendas en hormigón y control de erosión por parte del río Sabana a la Urb. Alamar. Actualmente estas viviendas se encuentran en riesgo debido a la erosión causada por el río Sabana. El área se designará como un Espacio Abierto y una zona de amortiguamiento para que el río Sabana no afecte el resto de la urbanización. El lugar amerita siembra y un paseo lineal para recuperar el frente de agua. | 18.2157 65.43776 Urb. Alamar Calle M, Luquillo, PR 00773 | \$3,500,000.00 | FEMA HMGP | FEMA HMGP | \$3,500,000.00 | 546 m | 18.2157 | 65.43776 | | |
| Luquillo | Municipality | 07/10/20 | Aumentar capacidad de puente y drenaje y mejoras geométricas en la intersección de la PR-991 con la PR-992. Este tramo de Carretera se inunda fácilmente y es un trecho angosto donde apenas caben dos autos en direcciones contrarias. Es un punto de conexión único donde se brinda acceso a varios sectores y barrios. | 18.2151 65.4321 Intersección de la Carr. PR-992 con la PR-991 en el Bo. Mata de Plátano, Luquillo PR 00773 | \$450,000.00 | | | \$450,000.00 | 200m | 18.2151 | 65.4321 | | |
| Luquillo | Municipality | 07/10/20 | Box culvert sector los Barros. Mejorar el sistema de drenaje en la Comunidad Los Barros. Este es el punto mas bajo en la comunidad y se forman inundaciones que afectan los residentes y a las residencias del lugar. | 18.2049 65.4225 Carr. PR- 983 Interior, Sector los Barros, Bo. Pitahaya Luquillo PR 00773 | \$150,000.00 | | | \$150,000.00 | 500m | 18.2116 | 65.4225 | | |
| Luquillo | Municipality | 07/10/20 | Box culvert hacia la playa (193). Esta carretera estatal tiene un "overflow" continuo por parte de una quebrada. Cuando llueve se convierte en un tramo intransitable. | 18.2255 65.4332 Carr. PR-193 km 2.5 Bo. Mata de Plátano Luquillo PR 00773 | \$250,000.00 | | | \$250,000.00 | 500m | 18.2255 | 65.4332 | | |
| Luquillo | Municipality | 07/10/20 | Cancha de Baloncesto Imael Benabe. Este lugar sirve como lugar de encuentro y Centro de Distribución. FEMA lo tiene identificado como el Disaster Recovery Center. Actualmente necesita una intervención para mejorar su estructura. | 18.2250 65.43144 Carr. PR-992, Urb. Brisas del Mar, Luquillo PR 00773 | \$600,000.00 | | | \$600,000.00 | 500m | 18.225 | 65.43144 | | |
| Luquillo | Municipality | 07/10/20 | Centro de Arte y Cultura El Centro de Arte y Cultura fue gravemente afectado por el Huracán María. El mismo además de ser parte de la infraestructura crítica, se ubica el Centro de Acopio de Suministros en caso de una emergencia. Actualmente el teatro principal se encuentra fuera de servicio y necesita remodelación y la conversión hacia un lugar resiliente que sirva en medio de las emergencias. | 18.2250 65.4327 Carr. PR-3 Km 35.5, Bo. Mata de Plátano Luquillo PR 00773 | \$7,000,000.00 | | | \$7,000,000.00 | 2000 | 18.225 | 65.4327 | | |
| Luquillo | Municipality | 07/10/20 | COE. Creación de un Centro de Operaciones de Emergencias en una fábrica ubicada en el Parque Industrial Mata de Plátano. Este debe incluir una estructura resiliente con los nuevos códigos de construcción. El mismo albergará las Oficinas de Manejo de Emergencias Municipal y el Cuartel de la Policía Municipal. | 18.2215 65.4314 Parque Industrial Mata de Plátano, Carr. PR-992, Luquillo PR 00773 | \$3,000,000.00 | | | \$3,000,000.00 | 10000m | 18.2215 | 65.4314 | | |
| Luquillo | Municipality | 07/10/20 | Complejo Deportivo Capital del Sol Este centro contiene estructuras críticas que funcionan como un COE y como un centro de operaciones alternativo a la Alcaldía en caso de un desastre. El mismo necesita un generador y llevarlo a ser un edificio mas resiliente. | 18.2233 65.43163 Calle 2 Urb. Brisas del Mar, Bo. Mata de Plátano, Luquillo PR 00773 | \$750,000.00 | | | \$750,000.00 | 1000m | 18.2233 | 65.43163 | | |
| Luquillo | Municipality | 07/10/20 | Conexión al Sistema Sanitario de la Oficina de Obras Públicas El Departamento de Obras Públicas ubica en un área donde no hay alcantarillado sanitario y el mismo se debe conectar al sistema para que las escorrentías superficiales sean tratadas. | 18.2132 65.43415 | \$550,000.00 | | | \$550,000.00 | 400m | 18.2132 | 65.43415 | | |
| Luquillo | Municipality | 07/10/20 | Control de deslizamiento entrada Comunidad Villa Angelina (muro de gaviones). La única entrada al Sector Villa Angelina está comprometida por el derrumbe parcial y el derrumbe inminente del resto de la carretera hacia un lado. | 18.2151 65.4340 Entrada del Sector Villa Angelina del Barrio Mata de Plátano de Luquillo PR 00773 | \$350,000.00 | | | \$350,000.00 | 250m | 18.2151 | 65.434 | | |
| Luquillo | Municipality | 07/10/20 | Control de deslizamientos en carr. PR-983. Varios lugares con deslizamientos en este sector que obstruyen el flujo vehicular. De ocurrir un estave mayor mas de 1,000 personas se quedarían incomunicadas. | 18.2014 65.4352 Carr. PR-983 km 3.5, Sector Las Pailas, Luquillo PR 00773 | \$275,000.00 | | | \$275,000.00 | 1000m | 18.2014 | 65.4352 | | |
| Luquillo | Municipality | 07/10/20 | Control de erosión del río Pitahaya en el Sector Casa Blanca | 18.2059 65.4218 Carr. PR-983 Sector Casa Blanca, Bo. Pitahaya Luquillo PR 00773 | \$450,000.00 | | | \$450,000.00 | 2000m | 18.2059 | 65.4218 | | |
| Luquillo | Municipality | 07/10/20 | Control de Erosión río Juan Martín. El río discurre por la parte trasera de una comunidad completa y están en riesgo de perder sus residencias. | 18.2046 65.4113 Carr. PR- 984 km. 1.5 Sector Juan Martín Adentro, Bo. Juan Martín, Luquillo, PR 00773 | \$350,000.00 | | | \$350,000.00 | 1000m | 18.2046 | 65.4113 | | |
| Luquillo | Municipality | 07/10/20 | Control de erosión de la parte de atrás de los Kioscos La parte trasera de los Kioscos de Luquillo presenta un problema grave de erosión. En ese lugar se pone en riesgo el Acceso por la PR-3 y a 45 negocios que aportan a la economía local y regional. | 18.2253 65.4477 Kioscos de Luquillo, Bo. Mata de Plátano, Luquillo PR 00773 | \$1,500,000.00 | | | \$1,500,000.00 | 500m | 18.2253 | 65.4477 | | |
| Luquillo | Municipality | 07/10/20 | Control de Erosión en la Comunidad Fortuna Playa. Proyecto de recuperación de costas por medio de siembra de dunas y disipadores de energía para que las marejadas no refren la arena del lugar. | 18.2256 65.4447 Calle 1, Sector Fortuna Playa, Bo. Mameyes I, Luquillo, PR 00773 | \$5,000,000.00 | FEMA HMGP | FEMA HMGP | \$5,000,000.00 | 3000m | 18.2256 | 65.4447 | | |
| Luquillo | Municipality | 07/10/20 | Control de Erosión en río Juan Martín. El río Juan Martín amenaza mas de 25 residencias causando erosión en los terrenos de las mismas y en varias ocasiones las residencias se han inundado. | 18.2035 65.4118 Carr. PR-984 Bo. Juan Martín Adentro, Luquillo PR 00773 | \$750,000.00 | | | \$750,000.00 | 1000m | 18.2035 | 65.4118 | | |
| Luquillo | Municipality | 07/10/20 | Control de erosión Playa Azul, sembrar dunas a lo largo del litoral para retener y preservar la costa. | 18.2368 65.4316 Calle Ocean Drive Boulevard, Sector Playa Azul, Bo. Mata de Plátano, Luquillo PR 00773 | \$450,000.00 | | | \$450,000.00 | 500m | 18.2368 | 65.4316 | | |
| Luquillo | Municipality | 07/10/20 | Control de erosión área de Costa Azul, sembrar dunas a lo largo del litoral para evitar la erosión causada por las mareas de alta energía. | 18.2245 65.4258 Calle Herminio Díez Navarro, Sector Costa Azul, Bo. Pueblo, Luquillo PR 00773 | \$450,000.00 | FEMA HMGP | FEMA HMGP | \$450,000.00 | 600 m | 18.2245 | 65.4258 | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|--|
| Luquillo | Municipality | 07/10/20 | Control de erosión área de Punta Bandera, sembrar dunas a lo largo del litoral para que el viento deposite la arena y ésta no sea removida. | 18.2318 65.4312 Sector Punta Bandera, Bo. Mata de Plátano, Luquillo PR 00773 | \$450,000.00 | FEMA HMGP | FEMA HMGP | \$450,000.00 | 300m | 18.2318 | 65.4312 | | |
| Luquillo | Municipality | 07/10/20 | Cunetes en todas las calles municipales | | Unknown | | | | | | | | |
| Luquillo | Municipality | 07/10/20 | Desagüe y cunetes a la PR-983 Carreteras hacia el Sector Casa Blanca del Barrio Pitahaya. | 18.2054 65.4237 Carr. PR-983, Sector Casa Blanca, Bo. Pitahaya, Luquillo PR 00773 | \$350,000.00 | | | \$350,000.00 | 200m | 18.2054 | 65.4237 | | |
| Luquillo | Municipality | 07/10/20 | Deslizamiento en residencias de la Urbanización Vistas II (El Hoyo) Deslizamiento de terreno que afectan a mas de 12 familias. | 18.2223 65.4339 Calle #5 Urb. Vistas de Luquillo II (Sector El Hoyo), Bo. Mata de Plátano, Luquillo PR 00773 | \$1,000,000.00 | | | \$1,000,000.00 | 1000m | 18.2223 | 65.4339 | | |
| Luquillo | Municipality | 07/10/20 | Encintados y cunetes para drenajes pluviales en comunidad Estancias del Atlántico. Esta comunidad ubica cerca de un humedal y las aguas lluvias necesitan ser recogidas en un sistema de charcas de bioretención para que no discuta toda el agua a las quebradas y las mismas sean inundadas. | 18.2218 65.4417 | \$1,000,000.00 | | | \$1,000,000.00 | 5000m | 18.2218 | 65.4417 | | |
| Luquillo | Municipality | 07/10/20 | Fondos para auditorías, monitoreo y cumplimiento con el programa CDBG-DR. | | \$40,000.00 | | | \$40,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Gras de puntal para poder levantar material vegetativo o materiales de construcción luego de un desastre mayor como huracanes o terremotos. | | \$250,000.00 | | | \$250,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Mejoras a Carr. PR-9990 por Derumbes y Deslizamiento de terrenos, ya de ha ido parte de la carretera. | 18.20176 65.4428 Carr. PR-9990 km. 1, Sector Buena Vista Camión Luquillo PR 00773 | \$150,000.00 | | | \$150,000.00 | 1000m | 18.20176 | 65.4428 | | |
| Luquillo | Municipality | 07/10/20 | Mejoras a Sistema de Escorrentias Pluviales de la Urbanización Brisas del Mar II hasta la Intersección con la Carr. PR-992 (El Tropezón), el sistema de escorrentias tiene que ser ampliado debido a la impermeabilización de la superficie el agua discurre e inunda varias calles. | 18.2294 65.4314 Urb. Brisas del Mar, Bo. Mata de Plátano Luquillo, PR 00773 | \$550,000.00 | | | \$550,000.00 | 2000m | 18.2294 | 65.4316 | | |
| Luquillo | Municipality | 07/10/20 | Mejoras y Ampliar el sistema de alerta de tsunami. Que el mismo sirva para brindar información de inundaciones repentinas en varios Barrios y Sectores | Varias Instalaciones | \$500,000.00 | | | \$500,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Microred de energía eléctrica para Centro Urbano donde se puedan energizar todas las instalaciones de infraestructura crítica en el Centro Urbano de Luquillo como la Alcaldía, el CDT, el Jardín de Envejecientes y otros servicios esenciales. | 18.22409 65.4333 Estacionamiento de Estadio de Baseball Joaquin Robles Calle Fernández García, Bo. Pueblo Luquillo PR 00773 | \$3,500,000.00 | | FEMA HMGP 404 | \$3,500,000.00 | 100m | 18.22409 | 65.43163 | | |
| Luquillo | Municipality | 07/10/20 | Pizarras electrónicas para notificarle a las personas sobre alguna situación de emergencia que haya ocurrido o cuando se estén realizando los proyectos de mitigación. | | \$75,000.00 | | | \$75,000.00 | | | | | |
| Luquillo | Municipality | 07/10/20 | Proyecto de Alcantarillado Urbano (Centro Urbano de Luquillo) Bomba Rehabilitación del sistema de alcantarillado del sector La Boca | 18.2225 65.4247 Calle Geremias Román, Sector La Boca, Bo. Luquillo Pueblo, Luquillo PR 00773 | \$450,000.00 | | | \$450,000.00 | 2000m | 18.2225 | 65.4247 | | |
| Luquillo | Municipality | 07/10/20 | Rain Garden en la parte trasera de los Kioscos de Luquillo | 18.2251 65.4412 Kioscos de Luquillo, Bo. Mata de Plátano, Luquillo PR 00773 | \$250,000.00 | | | \$250,000.00 | 250m | 18.2251 | 65.4412 | | |
| Luquillo | Municipality | 07/10/20 | Recogido de aguas de escorrentias pluviales de la parte trasera de los Kioscos de Luquillo | 18.2251 65.4410 Kioscos de Luquillo, Bo. Mata de Plátano, Luquillo PR 00773 | \$350,000.00 | | | \$350,000.00 | 100m | 18.2251 | 65.441 | | |
| Luquillo | Municipality | 07/10/20 | Recogido de aguas de escorrentias pluviales del Centro Urbano, hacia Quebrada Mata de Plátano. Se mejorará y creará donde no lo exista un sistema adecuado de drenaje pluvial y que sean tratados antes de llegar a la Quebrada Mata de Plátano y al Mar. | 18.2244 65.4395 Bo. Luquillo Pueblo, Centro Urbano de Luquillo, Luquillo PR 00773 | \$950,000.00 | | | \$950,000.00 | 1000 m | 18.2244 | 65.4395 | | |
| Luquillo | Municipality | 07/10/20 | Recogido de aguas de escorrentias pluviales en el Centro Urbano, Desembocadura del río Sabana. Se mejorará el sistema de alcantarillado y de desagües, estas aguas irán a charcas de retenciónde serán tratadas por medio de vegetación y agregados. | 18.2224 65.4246 Calle Geremias Román Bo. Luquillo Pueblo, Sector La Boca, Luquillo PR 00773 | \$1,200,000.00 | | | \$1,200,000.00 | 1000 m | 18.2224 | 65.4246 | | |
| Luquillo | Municipality | 07/10/20 | Recogido de Escorrentias pluviales Sector El Hoyo (Vistas de Luquillo. Esta urbanización queda en un punto bajo donde el nivel freático es alto y cuando ocurren lluvias parte de esta urbanización queda inundada. | 18.22186 65.4346 Urb. Vistas de Luquillo II (Sector El Hoyo), Bo. Mata de Plátano, Luquillo PR 00773 | \$650,000.00 | | | \$650,000.00 | 2000m | 18.22186 | 65.4346 | | |
| Luquillo | Municipality | 07/10/20 | Recogido de escorrentias pluviales a la Quebrada Mata de Plátano. Escorrentias pluviales que son recogidas por esta Quebrada y llegan al mar deben ser recogidas y tratadas en charcas de bioretención para controlar las inundaciones. | 18.2244 65.4313 Desembocadura de la Quebrada Mata de Plátano, Luquillo Pueblo, Luquillo, PR 00773 | \$1,000,000.00 | | | \$1,000,000.00 | 600m | 18.2244 | 65.4313 | | |
| Luquillo | Municipality | 07/10/20 | Recogido de escorrentias pluviales Sector Villa Solís, el punto mas bajo en esta comunidad se inunda cuando ocurren lluvias copiosas afectando a unas de 12 residencias y obstruyendo el paso a la entrada principal de ésta comunidad. | 18.2240 65.4574 Sector Villa Solís Calle 6, Bo. Mameyes I, Luquillo PR 00773 | \$250,000.00 | | | \$250,000.00 | 1000m | 18.224 | 65.4574 | | |
| Luquillo | Municipality | 07/10/20 | Reparación y mejoras a Puente de Pitahaya, el puente es la única vía de acceso a todo un sector donde viven mas de 3,000 personas. El mismo sufrió daños luego del paso de los Huracanes Irma y María y no se ha realizado ninguna mejora al mismo. | 18.2116 65.422 Mejoras al Puente del Barrio Pitahaya, Carr. PR. 940 Luquillo, PR 00773 | \$300,000.00 | | | \$300,000.00 | 500m | 18.2116 | 65.422 | | |
| Luquillo | Municipality | 07/10/20 | Sistema de alcantarillado sanitario para Sector Estancias del Atlántico Esta comunidad no cuenta con sistema de alcantarillado sanitario. Es una comunidad de alto riesgo de enfermedades gastrointestinales y cuando carecen del servicio de agua potable se agrava el problema. De igual manera muchos de sus pozos sépticos no están en funcionamiento. | 18.2218 65.4417 255 Residencias del Sector de Estancias del Atlántico en el Bo. Mata de Plátano, Luquillo PR 00773 | \$4,500,000.00 | | | \$4,500,000.00 | 5000m | 18.2218 | 65.4417 | | |
| Luquillo | Municipality | 07/10/20 | Ubicación de 37 familias que actualmente viven en residencias ubicadas en área de riesgo por inundación por parte del río Sabana. | 18.2157 65.43776 Urb. Alamar Calle M, Luquillo, PR 00773 | \$2,000,000.00 | DV | DV | \$2,000,000.00 | 546 m | 18.2157 | 65.43776 | | |
| Manatí | Municipality | 07/08/20 | ACQUISITION AND DEMOLITION OF HOUSES AFFECTED BY SINKS COMMUNITY BOQUILLAS. Hurricane Maria destabilized the floor of a sink in the Boquillas de Manatí Community, affecting two low-income homes. The waters also released the 400-foot fence. The water level rose 1 foot. This sink collapsed in 1996. It is proposed to acquire and demolish 2 affected homes. The mitigation measure reduces the risk of losing life and property, provides stability and security to the 2 families. Reduces sediment contamination and the risk of future landslide. COA ID: HOU3, HOU1 | BO. Boquillas, Perla Street, Arrecife Street and Estrella del Mar Street (Nicar Street #116), Bo. Tierras Nuevas Saliente, Manatí. | \$140,000.00 | | | | | 18.46246 | 66.48914 | HMGP Risk: Land Subsidence or Sinks | |
| Manatí | Municipality | 07/08/20 | CENTER FOR COASTAL ENVIRONMENTAL STUDIES IN THE PLAYA LOS TUBOS RECREATIONAL AREA. There is a pressing need to publicize risk prevention and mitigation to the community. Coordinate guidelines on the National Flood Insurance Program in communities with the highest level of vulnerability and susceptibility to being affected by a disaster event. Create the Risk Mitigation Division in the Municipality of Manatí where it is responsible for providing interactive talks in the Coastal Corridor and guidance in schools and others on alternatives and strategies for mitigation of damage and environmental protection. | Los Tubos Beach, Highway PR-685, Km. 5.8 to 7.9, Bo. Tierras Nuevas Saliente, Manatí. Cadastre: 016-000-010-01. | \$150,000.00 | | | | | 18.2815 | 66.2654 | ands, Flood, Coastal Erosion, Storm Surge, Earthquake, Tsunami | |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Manati | Municipality | 07/08/20 | CLEANING AND DECONTAMINATION OF TOXIC AND FLAMMABLE WAREHOUSE IN MUNICIPAL PUBLIC WORKS (OPM). OPM is a critical storage for emergency response teams, which includes the Municipal Sanitation Office and the Department of Electric Power. According to the FIRM, 36.8% is in Zone A and 14.3% in Floodplain area with a 0.2% probability of occurring each year. There is an outdoor flammable toxic waste warehouse. It is proposed to dispose, decontaminate and transport the toxic waste to an industrial landfill. The proposal benefits the general population (41,468, ACS 2016), improves water quality and the risk of contamination by toxic substances in Caño de Los Nachos. | Municipal Public Works (OPM), PR-685 Km. 0.2, Bo. Outgoing New Lands. Latitude: 18.43193350 Longitude: 66.49394361. Cadastre number: 056-011-004-01, 056-011-003-13, 056-011-003-15, 056-011-003-12. COA ID: CPCB10, NCR14, PBD11, NCR13, WTR28, WRR27, WTR20. | \$6,000.00 | | | | | 18.4319335 | 66.49394361 | HMGP Risk: Flood | |
| Manati | Municipality | 07/08/20 | CONSERVATION OF CRITICAL FACILITIES LOCATED IN A HISTORICAL AREA WITH STORM ALUMINUM PANELS IN ACCORDANCE WITH THE REGULATIONS OF THE INSTITUTE OF CULTURE PUERTORRIQUEÑA (ICPR). Hurricane Maria flooded several critical facilities in the Historic Zone (ZH) of the Urban Center of Manati; because the water entered through the "Wind driver" of doors and windows. These structures have incalculable historical value; windows, doors, and other historical ornaments were affected and are at high future risk. Among the recommendations of the PR Institute of Culture is to install aluminum plate type shutters in the facilities of the ZH. It is proposed to install a dry-proofing system for historical structures, reinforcement against winds or the system determined by the Institute of Puerto Rican Culture to avoid the loss of a historical building. The alternative helps preserve and conserve historical structures. Ensures the continuity of critical public services due to floods and wind. Protects, repairs and reinforces doors, windows and ornaments respecting the provisions of Historic Sites and Zones and SHIPO. | City Hall and Annex, Casa Cacho (Human Resources and Internal Audit), Casino Español (Municipal Legislature, Department of Culture and Tourism), Bo. Pueblo, Manati. COA ID: NCR1, PBD9, PBD8. | \$70,000.00 | | | | | 18.2538 | 66.2934 | HMGP Risk: Winds and Flood | |
| Manati | Municipality | 07/08/20 | CONSTRUCTION OF SANITARY SYSTEM BOQUILLAS, EL FULGUERO, EL CANTITO AND ADJACENT COMMUNITIES. During the impact of Hurricane Maria, water runoff flooded the various sinks in the area and the water channels that are distributed throughout the communities. As a consequence, septic tanks overflow occur throughout the community, dwelling in houses, ditches and roads that are adjacent to drains and water channels. The reference area is inhabited by an average of 1,500 families, it is a low and moderate income community that for years has suffered from severe floods and has lacked sanitary sewer infrastructure. The houses discharge into septic tanks that overflow when the community is flooded, contaminated water channels and sinks that have been formed over the years. The erosion that occurred with Hurricane Maria increased its thickness, endangering the families that reside in the houses that adjoin the drain. Providing this community with a sewerage system would help mitigate the induced discharges to the Aquifer that feeds the Tortuguero Lagoon and the subsoil runoff that reaches the sea. | BO. BOQUILLAS, EL FULGUERO, EL CANTITO Y COMUNIDADES ADYACENTES | \$10,466,506.00 | | | | | 18.2744 | 66.2926 | HMGP Risk: Winds, Flood, Earthquake | In 1996, on Calle Perla with Calle Arecife and Estrella del Mar (corner Calle Nacar # 116) in Boquillas, two (2) sinkings (discharge wells) occurred. The sinks were closed; but Maria broke one of the gates. The strong currents of Hurricane Maria brought large amounts of vegetative material and debris that moved with the winds and worsened the natural drainage capacity of the sinks, causing it to increase in size. |
| Manati | Municipality | 07/08/20 | CREATE A COMMUNITY MODEL OF "SAFE ROOM" IN BO. TIERRAS NUEVAS SALIENTE, BO. TIERRAS NUEVAS PONIENTE Y BO. RIO ARRIBA PONIENTE. To stay safe in low-income communities, it is proposed to create a safe space that serves as a shelter before and during an emergency situation. The project considers building a safe community room resistant to wind pressure and the impacts of debris transported by winds in three (3) communities: Bo. Tierras Nuevas, Bo. Boquillas and Bo. Monte Bello. A community shelter provides near-absolute protection in extreme weather events in low-income communities that will have a very high probability of being protected from injury or death during a 24-hour emergency and then are designed to make other multiple uses feasible. COA ID: PMD8 | United to Serve Foundation (FUDSER) Highway PR-6684 Sector Shangay, Tierras Nuevas Saliente, Manati. Latitude: 18.4486 and Longitude: -66.4982 Cadastre: 034-002-174-02 and 12. Location: Cruz Rosa Rivas School, PR-685 Roads, Boquilla, Bo. Tierras Nuevas Ponientes. Latitude: 18.4657 and Longitude: -66.4922. Cadastre: 034-051-001. Service Office and School Federico Freytes, Bo. Monte Bello | \$500,000.00 | | | | | 18.2546 | 66.2943 | HMGP Risk: Flood, Strong Winds, Earthquake | |
| Manati | Municipality | 07/08/20 | CROSSED SEISMIC REINFORCEMENTS TO MITIGATE ENERGY FOR CRITICAL FACILITIES. The option of reinforcing the structure of a building constitutes, whenever possible, an economically more profitable alternative to the demolition and subsequent construction of a new building. There are many reasons why it is necessary to carry out a corrective intervention on the structure. From the deterioration of the materials that make up the fundamental elements of the structure due to some type of pathology or catastrophe, to the need to adapt the construction to a new use or building code. They can occur due to design failures, a bad foundation in the execution phase of the work, carbonation, excessive loads; pathologies in metal structures: corrosion, fatigue, abrasions, excessive loads; Moisture and action of external radicals; appearance of water by filtration from the outside, leaks in pipes, deterioration due to exposure to pollution and other external agents. | Casa Alcaldía, Estacionamiento Sofarado, Cuartel de la Policía Municipal, Hospital Municipal | \$1,000,000.00 | | | | | 18.2538 | 66.2934 | HMGP Risk: Earthquake, Winds and Flood | |
| Manati | Municipality | 07/08/20 | DEVIATION OF WASTEWATER IN THE CANTO MARINO SECTOR, CAMPO ALEGRE TO SANITARIO AAA. About forty (40) families live in intolerable conditions due to the continuous overflow of wastewater on the surrounding roads, which allow the flow of sewage into the interior and courtyard of their residences. This project would make it possible to deal with a public health situation that has worsened after the passage of Hurricane Maria. Several sewers and sewage access channels are clogged or broken, raising the level of risk for these special communities to become ill and live in conditions that imbalance their safety and well-being. Children, youth, adults and the elderly pass through this waste daily to reach their homes, jobs and schools. | SECTOR CANTO MARINO, BO. CAMPO ALEGRE | \$445,000.00 | | | | | 18.2615 | 66.275 | | |
| Manati | Municipality | 07/08/20 | DRY WATERPROOFING OF CRITICAL FACILITIES WITH PASSIVE BARRIERS OR OTHER SYSTEMS. During Hurricane Maria, the last floors or basements of OMMEAD, Casa Alcaldía and the Municipal Legislature were inoperative; because the rain runoff water entered horizontally through the street. To ensure that OMMEAD, City Hall, and the Municipal Legislature are more resilient to future hurricanes and other disasters, consider installing passive barriers to prevent water from entering the basement. Mitigates flood risk at a critical facility. Protects life and property. Ensures the continuity of services. The measure benefits the 44,468 (ACS-2016) residents of the municipality and towns in the region. | COE - Office of Emergency Management (OMMEAD), PR-2 Km. 50.0, Bo. Pueblo, Manati Latitude: Y - 18.4292090 Longitude: X - 66.49487500 Cadastre: 056-011-006-01 City Hall: 056-011-006-01 Calle Quilones # 10, Bo. Pueblo, Manatee, Latitude: 18.4276, Longitude: - 66.4930 LEGISLATURE MUN. 056-022-041-02 LAT LONG: 18.42767384000 - 66.49259404000. COA ID: PBD9, PBD11, NCR1, PBD9. | \$60,000.00 | | | | | 18.2546 | 66.2943 | HMGP Risk: Winds and Flood | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|---|--|
| Manatí | Municipality | 07/08/20 | EXPAND AND IMPROVE RAIN DRAIN STRUCTURES IN THE URBAN CENTER FOR FLOOD CONTROL. The storm drainage structures in the urban area are deficient. With Hurricane Maria the flood level reached 1 foot inside the structures and 3 feet on McKinley Street. The underground parking lot in the public plaza accumulated 6 feet of water, acting as a large warehouse reducing the level of flooding outside. Given the lack of water in the communities, the water was reused for non-domestic uses. In order to stop the repetitive problem of flooding, it is proposed to expand and improve the drainage system, install passive and debris barriers to direct the direction of the water to the sewer. Install permeable pavement with a geo-cellular system with high hydraulic conductivity in 2 public squares and a municipal site to store the water and reuse it for non-domestic uses. The proposal protects life and property. It directly benefits 1,308 structures, among them the Historic Zone and / or 1,808 residents of the center and 41,468 Manatí residents who are looking for essential services in critical facilities. 7,311 vehicles transit daily on McKinley Street. | Urban Center, Bo. Pueblo, Manatí, COA ID: WTR18, WTR23, NCR1. | \$2,000,000.00 | | | | | 18.42925 | 66.49104 | HMGF Risk: Flood | The mitigation activity includes increasing hydraulic capacity, reconstruction of sewers, HH, design, studies, permits, among others. |
| Manatí | Municipality | 07/08/20 | FLOOD CONTROL AND EXPAND THE RAINWATER SEWER SYSTEM IN THE EL TANQUE SECTOR, BOQUILLAS COMMUNITY. For over 30 years Boquillas has suffered from repetitive events of severe flooding. Residents use a boat to get out of their homes. In Hurricane Maria, the flood reached 4 feet and the community had to wait weeks for it to empty. The situation is critical because septic tank effluents are overflowing. This happens because the Tank is the lowest part and because the Pluvial System is deficient. There is a high future risk that puts life and property at risk. It is proposed to build a retention pond on plot 034-002-177-07 of 8,050 m2, 7,247 cords and a passive park, to expand the storm sewer system in the El Tanque Community in Boquilla. The proposal completely stops the risk of flooding, prevents vehicular access to the High School and other critical facilities from being affected. Aligning the passive park to the needs of low-income communities and the reengineering of stormwater infrastructure with the design of a pond is perceived as a public recreation alternative that increases the purchasing value of a low and moderate income community that benefits more than 350 homes or 771 residents. | Perla Street, El Tanque Community, Boquillas Sector, Manatí, Cadastre No.: 034-002-177-07, (034-002-177-03, 034-002-177-04, 034-002-176-12, 034-002-179-27, 034-002-179-02, 034-002-178-02, 034-002-178-01, 034-002-179-03, 034-002-178-03, 034-002-178-04, 034-002-179-04, 034-002-178-05, 034-002-178-06, 034-002-179-05, 034-002-179-06, 034-002-179-07) | \$10,000,000.00 | | | | | 18.46481 | 66.4879 | reduction in flood risk | Hydraulic (HH), permits, redesign, construction, retention pond, passive park, improvements to drains and stormwater system, among others. |
| Manatí | Municipality | 07/08/20 | FLOOD HAZARD STREETS PARK BEHIND THE MONTE BELLO LIBRARY. Rainwater runoff accumulates in the park; what causes erosion and possible landslide; problem that worsened with Hurricane Maria. It is necessary to improve water control in the Monte Bello Park Pluvial System, studies, improve the catchment of the sump, build a pluvial system; to avoid damaging the residences next to the park. The alternative encourages recreation and sports. | Monte Bello Park, PR-642 intersection with Palmas street (adjacent to Monte Bello park) | \$25,000.00 | | | | | 18.2209 | 66.3117 | Erosion, landslide, and flood | |
| Manatí | Municipality | 07/08/20 | FLOOD RISK IN BO. CANTERA. Improve the storm drainage and stormwater control system in the Bo. Cantera. This problem was exacerbated by Hurricane Maria. It is required to give continuity to the pluvial system connection, stabilize slopes, among others. The alternative protects life and property. Avoid flooding of 3 families; but it affects the entry and exit of the entire community. | In the Bo. Cantera, entering through the Burgos Business, Rosa Talavera Case, Vivas Sisters, among others. | \$25,000.00 | | | | | 18.2625 | 66.2645 | HMGF Risk: Flood | |
| Manatí | Municipality | 07/08/20 | FLOOD RISK OF PALO ALTO PARK. In the Bo Park, Palo Alto stormwater runoff discharges the waters in the park causing sinking of the dog-outs, the problem was exacerbated by Hurricane Maria. | Park Bo Park, Palo Alto | \$25,000.00 | | | | | 18.2514 | 66.2641 | Erosion, landslide, and flood | |
| Manatí | Municipality | 07/08/20 | GLOBAL MONITORING CENTER. Manatí needs a rapid response monitoring system to mitigate natural and anthropogenic risks in the main busiest intersections, such as PR-2 and PR-686, PR-2 and PR-685, PR-2 and PR-670, PR-2 and PR-149 (complete view) and integrating other areas that also present situations with a high incidence of natural and criminal risks, such as the entry of undocumented immigrants, drugs, risk of tsunami, salgado, storm surges, emergency response, among others. Acquire 24 external cameras with 2 180 degree lenses to cover the periphery in the front; 6 external / 360 degree "fish-eye" cameras to cover the perimeter inside the garage and near visual area. Acquire radios to transport wireless camera signals, which will store the transmissions on the servers to be acquired and will be transmitted on 8 42 "monitors in the Monitoring Center. High-risk locations: 2 cameras on Mar Chiquita Beach (1 of these on the Tsunami antenna), Los Tubos Beach, Poza de las Mujeres Beach and main intersections: OMMED / 911 and the Municipal Police Headquarters must be the Monitoring Centers. | General Headquarters of the Municipal Police, located on the PR-2 road, Km. 50.5, Bo. Village, Cadastre: 056-11-006-01. | \$256,000.00 | | | | 18.2545 | 66.2942 | HMGF Risk: Winds, Flood, Earthquake, Tsunami | | |
| Manatí | Municipality | 07/08/20 | GREEN INFRASTRUCTURE INTEGRATION PROJECT (COASTAL ECOSYSTEMS: TREES / FORESTS, REEFS, MANGROVES AND WETLANDS, DUNES) AND GRAY (ENGINEERING) FOR THE STABILIZATION OF THE BEACHES. An Ecological Restoration Zone (ZRE), are those areas in the Manatí Coastal Corridor that have been damaged, degraded or destroyed or that can be improved. It is proposed to develop an ecosystem regeneration projects using green and gray infrastructure to increase the resilience of fragile elements of terrestrial ecosystems and marine ecosystems on the ocean floor; while promoting ecotourism activities. Ecological connectivity between subsequent and discontinuous natural areas, the connectivity of habitats in important strategic areas, risk mitigation projects to protect critical physical and environmental infrastructure will be promoted; while creating opportunities for recreational uses so that residents or visitors have the possibility to get in touch with nature, increase the safety of people living in the coastal environment and save life and property from atmospheric events. The mitigation activity benefits the population of Manatí (41,468, ACS 2016) and visitors. COA ID: CPCB4, CPCB10, CPCB11, CIR5, NCR14. | Ecological Restoration zones (ZRE) in the Coastal Corridor - Bo. Tierras Nuevas Saliente y Poniente, Manatí ZRE-1 - Land of the Land Administration and old parking lot of the Beach Festival Los Tubos/ formerly agricultural use, 41.19 cuerda. Cadastre: 016-000-010-02. ZRE-2 - Beach Festival Area, 17.04 cuerda. Cadastre: 016-000-010-01. ZRE-3 - Los Tubos Beach Recreation Area, Los Tubos Beach and PR-685, 9.02 and 17.05 cuerda. Cadastre: 016-000-010-01. ZRE-4 - Los Tubos MTB Trails Recreation Area, Playa Escondido and Ojo de Agua, 509.89 cuerda. cadastre: 034-000-003-92 | \$500,000.00 | | | | 18.4756 | 66.5068 | Flood, Coastal Erosion, Hurricane, Tsunami, Earthquake | | |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Manati | Municipality | 07/08/20 | IMPROVE THE DRAINAGE SYSTEM IN THE FINE ARTS CENTER AND THE PARKING OF THE SOTERRADO DE LA PLAZA PÚBLICA. In the Fine Arts Center the runoff water during Hurricane Maria entered because the grill located in the Archeology Office exceeds its capacity and entered flooding the Amphitheater. The water also entered through the 27 artisan windows. The underground parking drainage system is inefficient and completely floods the basement. Propose mitigation project for the grill that exceeds its capacity and causes water to enter the interior of the building and accumulates in the amphitheater and rots the wood of the stage. It could be expanding the grill or sealing the stage exit, if it complies with the code. Improve the drainage system of the Underground Parking. | Quiñones Street in front of the Mayor's House | \$150,000.00 | | | | | 18.2538 | 66.2934 | | |
| Manati | Municipality | 07/08/20 | IMPROVE THE DRAINAGE SYSTEM TO INCREASE THE RESILIENCE OF THE PR-685, PLAYA LOS TUBOS AND LAGUNA TORTUGUERO. Hurricane Maria exacerbated the deterioration of Playa Los Tubos and Laguna Tortuguero. The 30 and 60 year erosion projection model threatens to destroy PR-685. Storm surges accumulate in an open channel between PR-685 and Laguna, producing a hydrological change in the lagoon that causes the death of endemic vegetation. There is a drainage structure that empties directly into the coast. The storm surges destroyed the gabions on the coast. Los Tubos Beach and Laguna have a symbiotic relationship. It is proposed to design a drainage system that will conduct rainwater or storm surges to a retention pond or floodable park in the Los Tubos Recreation Area. The system will be topographically designed to temporarily retain the volume of water that can accumulate in the lower part of the beach. Between PR-685 and Laguna there is an open channel that, together with a chain of artificial dunes, protected by slopes and boards enabled to enter the beach, will accumulate flows. It is proposed to replace the gabions with precast concrete units. The new green area will be fed with regenerated water both for the creation of the pond and for the irrigation of the park itself. PR-685 is a main highway, where over 30,700 vehicles pass daily. It benefits the general population of Manati (41,468) and (59,597) Vega Baja. | Los Tubos Beach, PR-685 Highway, Km. 5.8 to 7.9, Bo. Tierras Nuevas Salientes, Manati. Cadastre: 016-000-010-01. COA ID: WTR24, CPCB10, CPCB9, CPCB11, NCR14, NCR15, NCR16, NCR17, NCR20, PMD8. | \$2,000,000.00 | | | | | 18.4731 | 66.447 | Flood, Coastal Erosion, Hurricane, Tsunami, E | It is proposed to formalize an MOU with the Land Authority. HH study, feasibility analysis, design and construction. |
| Manati | Municipality | 07/08/20 | IMPROVE THE DRAINAGE SYSTEM TO INCREASE THE RESILIENCE OF THE PR-685, PLAYA LOS TUBOS AND LAGUNA TORTUGUERO. Hurricane Maria exacerbated the deterioration of Playa Los Tubos and Laguna Tortuguero. The 30 and 60 year erosion projection model threatens to destroy PR-685. Storm surges accumulate in an open channel between PR-685 and Laguna, producing a hydrological change in the lagoon that causes the death of endemic vegetation. There is a drainage structure that empties directly into the coast. The storm surges destroyed the gabions on the coast. Los Tubos Beach and Laguna have a symbiotic relationship. It is proposed to design a drainage system that will conduct rainwater or storm surges to a retention pond or floodable park in the Los Tubos Recreation Area. The system will be topographically designed to temporarily retain the volume of water that can accumulate in the lower part of the beach. Between PR-685 and Laguna there is an open channel that, together with a chain of artificial dunes, protected by slopes and boards enabled to enter the beach, will accumulate flows. It is proposed to replace the gabions with precast concrete units. The new green area will be fed with regenerated water both for the creation of the pond and for the irrigation of the park itself. PR-685 is a main highway, where over 30,700 vehicles pass daily. It benefits the general population of Manati (41,468) and (59,597) Vega Baja. It benefits the economic development of the municipality, tourism. | Los Tubos Beach, PR-685 Highway, Km. 5.8 to 7.9, Bo. TNP, Manati. Cadastre: 016-000-010-01. COA ID: WTR24, CPCB10, CPCB9, CPCB11, NCR14, NCR15, NCR16, NCR17, NCR20, PMD8. | \$1,000,000.00 | | | | 18.4731 | 66.447 | Flood, Coastal Erosion, Hurricane, Tsunami, E | It is proposed to conduct an MOU with the Land Authority. HH study, feasibility analysis, design and construction. | |
| Manati | Municipality | 07/08/20 | IMPROVE THE POSTAL AND PHYSICAL ADDRESS SYSTEM. During Hurricane Maria, the Municipality of Manati did not have a robust address system. New signs must be installed after Hurricane Maria. It is proposed to install new street signs and address numbers to decrease complexity. The proposal improves the ability of first responders to locate property. Improves the ability of social service planners and providers to map and analyze urban problems and develop solutions. Improves the efficiency of mail delivery and simplifies the operations of other entities that depend on property addresses to provide or bill services. The mitigation actively benefits the population of Manati (41,468, ACS 2016). COA ID: HOU11, CPCB1, CPCB3, HOU11. | Municipal Planning Office (OPADU), Mayor's Office, Manati. Cadastre: 056-022-040-04. | \$50,000.00 | | | | 18.4275 | 66.4931 | HMGF Risk: Winds, Flood, Earthquake, Tsunami | | |
| Manati | Municipality | 07/08/20 | IMPROVEMENTS TO THE RAIN SYSTEM AND FLOOD CONTROL. CAÑO DE LOS NACHOS. This project protects life and property. It eliminates from the risk of flooding the PR-685, PR-604, Municipal Public Works, Historic Cemetery, access to the disused industrial zone of PRIDCO, medium and low-income communities that are prevented from having access to their homes. The 50% of the runoff in the Barrio Pueblo flows into Caño de Los Nacho. The floods brought by Hurricane Maria prevented access through PR-685 and PR-604. PR-686 was the only access road available to evict 10,658 residents of the Tierras Nuevas Salientes and Poniente neighborhoods. Floods are recurring; there is a high future risk of loss of life and property. COA ID: PMD8, WTR18, WTR19, WTR20, WTR23, WTR24, WTR27, NCR20. | PR-685 Km. 0.2 to 1.2 and PR-604 Km 0.0 to 0.2 Bo. San José. Cadastre: 056-001-004-38, 056-001-004-39. | \$10,000,000.00 | | | | 18.43334 | 66.49136 | reduction in flood risk | In order to eliminate future risk, it is proposed to increase the pipeline over 10" in diameter, changes in the geometry of the open channels of the Caño de Los Nacho, replace pipes with higher capacity drainage systems, retention pond and passive park in plot 056-001-004-38 and / or 39 and the creation of new pluvial works through the state highways PR-604, PR-685 and municipal streets. The design of the pond and passive park is proposed as a public recreation alternative that increases the purchasing value of low-income communities. It is necessary to update design, permits (EA-2012), studies (HH-2013), among others. | |
| Manati | Municipality | 07/08/20 | INCREASE THE RAINWATER SYSTEM IN PR-670 FOR FLOOD CONTROL. With the passage of Hurricane Maria, there was no access on Highway PR-670; because the waters flooded several sections: in front of the Urb. Villa Evangelina, Urb. Gardenias and the Centers for the Aging (which are critical facilities); because the storm sewer system is poor. Rainwater flooded Calle Crisostemo de la Urb. Las Gardenias. Access to the Fire Department, Sports Acropolis and pharmaceutical companies was prevented. The flood control measure benefits over 5,000 families and access to Petra Corretjer High School, the Fire Department, Station B - Drugs and Narcotics, Sports Acropolis, Municipal Stadium and 3 pharmaceutical companies, among them, Pharmaceutical Thermo Fisher Scientific. It will prevent sewage overflow. It benefits 21,676 vehicles that transit the PR-670 daily. It is proposed to increase the hydraulic capacity of the pluvial system, build new sections of gutter pipes and different components that resolve floods, including the stabilization of 4 drains or catchment areas, installation of geomembrane to prevent infiltration and isolate the drains, cleaning works, among others. | PR-670 Street, Bo. Coto Norte and Bo. Coto Sur, Manati. | \$500,000.00 | | | | 18.42925 | 66.49104 | HMGF Risk: Flood | The project includes HH study, tapping, permits, expansion of the pluvial system, design, stabilization of the sump, changes in the level of taxing, among others. | |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
| Manati | Municipality | 07/08/20 | INTEGRATED NATIONAL EMERGENCY ALERT COMMUNICATION SYSTEM / OMMEAD. During Hurricane Maria, the Tsunami warning tower at Mar Chiquita Beach, Tierras Nuevas Saliente neighborhood, did not work. The software is not compatible with the Integrated Public Alerts and Alerts System (IPAWS), including the Television and Radio Emergency Alert System, Wireless Emergency Alerts, in addition, include Los Tubos and Pozo de las Mujeres beaches. Make some improvements to the Mar Chiquita Beach tower to make it IPAWS compatible and install 2 new towers at Los Tubos Beach and Pozo de las Mujeres or La Esperanza Beach integrating the Mayor's House. This allows the public to be notified and alerted to all possible catastrophic events through cell phones and tablets, the radio and the National Oceanic and Atmospheric Administration and other warning messages and public signs. The alternative saves life and property. The mitigation activity benefits the population of Manati (41,468, ACS 2014) and visitors. COA ID: CPCB4, CPCB10, CPCB11, CIR5, NCR14. | Mar Chiquita Beach and Pozo de las Mujeres Beach, Bo. Tierras Nuevas Poniente, Cadastre: 015-000-010-27; and Los Tubos Beach Recreation Area, Highway PR-686, Bo. Tierras Nuevas Saliente, Manati, Cadastre: 014-000-010-01. | \$110,000.00 | | | | | 18.4756 | 66.5068 | Flood, Coastal Erosion, Hurricane, Tsunami, Earthquake | |
| Manati | Municipality | 07/08/20 | LAND STABILIZATION IN THE RÍO ARRIBA SALIENTE (RAS). With the passage of Hurricane Maria, several families from Bo. Río Arriba Saliente, they could not leave their homes (50 in the Canta Gallo Sector, 2 in Camino, 800 in PR-643, 12 in Calle Cabán and 7 in the Canta Gallo Sector). Residents had limited access to medical care, landslides caused flooding, and sewage polluted marine environments. There is a high future risk. There is also a destabilized mogote on Calle Agüeybaná, before Hurricane Maria. The proposed mitigation completely eliminates future risk of landslide and sediment contamination. Protects life and property. It allows to have safe and easy access roads. It allows 859 residents access to their homes and so they can receive essential services in an emergency. COA ID: NCR13 | Bo. Pugnado, Río Arriba Saliente - (1) Municipal road adjacent to PR-643, Km. 0.9, Canta Gallo Community, Pugnado neighborhood, (2) Municipal road adjacent to PR-643, Km. 1.2 (Camino Herrera), Barrio Pugnado, (3) PR-643 against Flaco, Pugnado, Cabán Street, Sector Pajonal, Bo. Pugnado (40 meters) towards PR-643 (turning by the Pugnado School), (4) Slip Richard - Canta Gallo. | \$225,000.00 | | | | | 18.38754209, 18.38754209, 18.37518964, 18.37518964, 18.37519 | 66.481779, 66.481779, 66.471813, 66.471813, 66.471813 | landslide | To solve the repellive problem, it is proposed to stabilize slopes through vegetative, bioengineering and structural approaches such as the construction of a slope, retaining wall, gabion system, drains, ditches, taping and others. |
| Manati | Municipality | 07/08/20 | Located in the Aqueduct Sector Callejón Sr. Bohome, on the west side of the Miranda Neighborhood. The topography is rugged and with steep slopes. The residential structures were built without following a building code. Erosion has exposed the footing of your neighbor's residence and caused cracks in that residence. A retaining wall is required. It affects two houses. | BO. ROSA, CALLEJÓN BONHOMÉ, Aqueduct Sector, BO. PUEBLO. | \$10,000.00 | | | | | | | Landslide | Slip event included in the PMM 2013-2018. It is required to build a concrete wall, cut part of the slope stone to build a footing. The construction has to be done by hand; since the place does not allow the entrance of machinery. |
| Manati | Municipality | 07/08/20 | PROBLEMS IN ROSARIO STREET WITH LIMONES STREET RAIN DRAINAGE SYSTEM - PARQUE VENDIG. Pluvial improvements are required in Rosario Street and Parque Vendig, Bo Pueblo, between Residential Zorrilla and Comunidad Abra Vendig. Once the problem is eliminated, the park can be reused to promote recreation and sports. | Rosario Street and Vendig Park, Pueblo neighborhood, between Residential Zorrilla and Comunidad Abra Vendig. | \$150,000.00 | | | | | 18.2533 | 66.2937 | HMGP Risk: Flood | |
| Manati | Municipality | 07/08/20 | PROGRAM TO EVALUATE, RENEW, ACQUIRE, OR RELOCATE VACANT AND DETERIORATED PROPERTIES AND / OR WITH REPETITIVE LOSSES. As a result of Hurricane Maria, the number of vacant and deteriorated properties increased throughout the Municipality of Manati. Public hindrances impede the economic development of the sector, especially the rehabilitation of the urban center. This program provides relief to people affected by Hurricanes Irma and Maria who still have unmet needs in their residences. An inventory of vacant and deteriorated properties will be conducted. An assessment will be made and a course of action recommended, for example, repair, rebuild, or relocate. The relevant permits will be processed. Determination of costs. Under the Reconstruction Program, demolition may be an eligible activity, and under the Relocation Program, acquisition and demolition may also be eligible activities. The proposal builds individual and community resilience for both disaster response and long-term recovery. COA ID: HOU10, CPCB4, CHOU3, HOU4, HOU8. | Throughout the Municipality | \$7,500,000.00 | | | | | 18.4275 | 66.4931 | HMGP Risk: Flood, Hurricane, Earthquake | Environmental permits, total or partial demolition permits, permits from the Institute of Culture in the Historic Zone, among others, will be required. Damage assessors will be experienced construction professionals. |
| Manati | Municipality | 07/08/20 | PROGRAM TO IMPROVE RESILIENCE IN COORDINATION WITH LOW-INCOME COMMUNITIES AFFECTED BY SEVERE REPETITIVE DAMAGE FROM FLOODS. There are several communities located in high risk areas vulnerable to floods and other related risks. It is proposed to develop disaster resilience plans in collaboration with communities to improve disaster response and long-term recovery. Reduce or eliminate the risk of repetitive serious flood damage to NFIP insured buildings. Implement community flood mitigation measures and flood mitigation projects to ensure that the needs of the community are met. Promote investments in workforce development programs, microfinance, education, that address long-term stressors, improvement of essential services; and resilience building events for community residents and local businesses, including fostering connections between government agencies, community groups, and nonprofits. COA ID: CPCB4, CHOU3, HOU4, HOU8. | Bo. Polvorín Cementerio, El Horno, Barriada La California, Barriada La Vuelta del Dos, Cortés, Cuesta Marín, Cantillo, Comunidad La Esperanza, and others. | \$37,500,000.00 | | | | | 18.4275 | 66.4931 | HMGP Risk: Flood, Hurricane, Earthquake | |
| Manati | Municipality | 07/08/20 | PROJECT FOR IMPROVEMENTS TO THE CRITICAL AREA OF THE GRANDE DE MANATI RIVER AND INCREASE OF RESILIENCE IN THE COASTAL COMMUNITY (EL CACHETE, PR-666, BO. CORTÉS). The entrance to the Bo. Cortés is frequently held incommunicado due to the floods of the Río Grande de Manati, which also affect the functioning of the community's storm drainage. Several sections of the PR-666 and PR-667 are flooded during these events of rising of the river and the Quebrada Cimarrón. The PR-2 embankment and bridge contribute to poor flood drainage of the coastal community and the mentioned roads. A 5-year and 100-year flood event generates significant flooding in the coastal community, critical habitats, floodplain, and directly affects around 70 families. Average annual losses are estimated to be around \$ 600,000. As a result of the direct impact of Hurricane Maria in the town of Manati, the flood of the Río Grande de Manati reached levels never seen before, causing floods that exceeded 12 feet in height. Taking with it the power line, including the connections of the TC Manati, the main power distribution line that allows access to energy service to the towns of Manati, Vega Baja, Vega Alta, Dorado, Toa Baja, Toa Alta and Bayamon. Similarly, the flood destroyed nearly 5 residences, 6 businesses, and cut off the sectors of Cortés de Manati and Bo. Quebrada in the Municipality of Barceloneta, leaving nearly 5,000 families isolated from the main access road, which meant that families had to cross the mountains, traveling | The Cachete Sector is located to the Southwest of the bridge over the Río Grande de Manati, PR-666, entrance to Cortés, approximately 2 miles from the town of Barceloneta. | \$5,229,910.00 | \$2,000,000.00 | | \$3,229,910.00 | 18.2537 | 66.3135 | Flood, Coastal Erosion, Hurricane, Tsunami, Earthquake | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|---|
| Manati | Municipality | 07/08/20 | PROVIDE A STRUCTURE FOR VERTICAL EVACUATION BY TSUNAMIS AT THE POZA DE LAS MUJERES BEACH. Playa Poza de las Mujeres, Cueva de las Golondrinas and Playa La Esperanza have a high risk of tsunami. There is a problem mitigating deaths related to a tsunami event. Residents and visitors may not be able to reach high ground in time to escape a tsunami. The highest land on Poza Beach is over 1 linear mile. There are only pedestrian paths among dense vegetation. There is no access for existing houses. It is safe to assume that the 2-lane municipal street would be blocked. On weekends, the beaches are visited by hundreds of residents and tourists. It would be impossible to evacuate these visitors and the community on time, which could result in significant loss of life. In 1918, in Aguadilla, an earthquake brought five (5) minutes later a 20-foot tsunami, where 116 people died, 40 direct deaths. In order to save the lives of hundreds of residents and visitors of Playa Poza de las Mujeres, it is proposed to acquire the parcel of land 015-000-010-27 to establish in the Playa Poza de las Mujeres Sector a Vertical Evacuation Shelter on a mini mountain armored combined with open spaces. The proposal saves the lives of hundreds of residents and tourists who visit important tourist and economic attractions such as Playa Poza de las Mujeres, Cueva de las Golondrinas and Playa La Esperanza. This proposal increases protection against disaster. It promotes economic development, creates jobs, promotes tourism and recreation. Helps ensure the continuity of emergency services. | Poza de las Mujeres Beach Sector, Bo. Tierras Nuevas Poniente, Cadastre: 015-000-010-27 | \$500,000.00 | | | | | 18.4756 | 66.5068 | Flood, Coastal Erosion, Hurricane, Tsunami, Earthquake | |
| Manati | Municipality | 07/08/20 | PROVIDE A STRUCTURE FOR VERTICAL EVACUATION BY TSUNAMIS IN THE PLAYA LOS TUBOS RECREATION AREA. Los Tubos Beach has a high risk of tsunami. Given its location, it would be impossible to evacuate visitors in time, which could result in significant loss of life. Residents and visitors may not be able to reach high ground in time. The highest terrain is more than 1.5 miles. It is safe to assume that the two-lane PR-685 would be blocked. On weekends, Los Tubos Beach is visited by thousands of residents and tourists. This proposal increases protection against disaster, saves the lives of thousands of visitors and tourists who visit our beaches daily. On the PR-685 an average of 30,700 vehicles transit daily; not counting the thousands of pedestrians and cyclists. The continuous use that can be given to the structure is a Scientific Laboratory on the second floor, a restaurant on the third floor and a viewpoint on the roof that allows scientific study and wildlife viewing, such as bird watching, migratory and whale migration. The proposal, in addition to saving lives, promotes economic development, creates jobs, promotes tourism, recreation and coastal resilience. Helps ensure the continuity of emergency services. | Los Tubos Beach Recreation Area, Highway PR-686, Bo. Tierras Nuevas Saliente, Manati, Cadastre: 016-000-010-01 | \$1,300,000.00 | | | | | 18.2815 | 66.2654 | Flood, Coastal Erosion, Hurricane, Tsunami, E | To develop a Nishiki-like vertical evacuation shelter in Japan in the Los Tubos Recreation Area, it is proposed to formalize an MOU with the Land Authority. Continuous use could be a community science laboratory that will empower the community through knowledge to increase coastal resilience and a food sales area that in an emergency will provide food to refugees in the event of an emergency. On the roof a space for birdwatching, views of the Tortuguero Lagoon and whales in the Atlantic Ocean. |
| Manati | Municipality | 07/08/20 | RECONSTRUCTION OF THE MUNICIPAL HIGHWAY AND TURN ZONE THAT GIVES ACCESS TO THE POZA DE LAS MUJERES AND HOUSING BEACH. The mitigation activity benefits the population of Manati (41,468, ACS 2016) and visitors. It promotes economic development and tourism. It restores the ecological function of the wetland and protects coastal communities. COA ID: CPCB10, WTR24, CPCB9, CPCB11, NCR14, NCR15, NCR16, NCR17, NCR20, PMD8 | Poza de las Mujeres Beach Sector, Bo. Tierras Nuevas Ponientes, Manati, Cadastre: vial | \$300,000.00 | | | | | 18.4756 | 66.5068 | HMGP Risk: Coastal Erosion, Flood | Requires the acquisition of a portion of plot 015-000-010-27 or 015-079-453-17 to build access to La Esperanza Beach and Reserve and Cueva las Golondrinas. Build a turning area and to facilitate eviction in emergency situations and access to the 5 houses. This alternative helps the natural restoration of the wetland area. It will be assuiculated if all 5 families voluntarily wish to apply to the FEMA title 44 CFR, Part 80 Program, to declare Open Space (R-EA), in perpetuity. |
| Manati | Municipality | 07/08/20 | REDUCING RISK TO DISASTERS THROUGH RESILIENT AND MORE EFFICIENT ROADS. Roads: PR-22, PR-685, PR-149, PR-686, PR-648, Manati, COA ID: TXN2, WTR19, WTR18, WTR23, NCR13. Hurricanes flooded several roads that are not operating safely, because the drainage system is poor. Water deteriorates pit life and property at risk. Transportation routes do not comply with Federal Highway Administration regulations and Act No. 201 of 2010, Complete Streets. The flood problem is repetitive. The road network is important for the economy and to guarantee the functioning of the government, essential services, hospitals, etc. Protects life and property. The entire population benefits (41,468) and an average daily traffic of 36,400 in PR-2, 20,685 in PR-685, 30,700 in PR-149 and 4,500 in PR-648. Avoid losses from future disasters. It reduces maintenance costs, increases the useful life of the road and encourages people to walk and bike, through sidewalks and bike paths, benefits public health and reduces traffic congestion. | Roads: PR-22, PR-685, PR-149, PR-686, PR-648, Manati. | \$4,000,000.00 | | | | | 18.2624 | 66.284 | HMGP Risk: Flood, Wind, Earthquake | The project requires design, HH study, permits, surveying, topographic plan and existing conditions ("as-built"), preliminary civil engineering, permits, traffic study, preliminary probable cost opinion (OCP), preparation of estimate of preliminary cost, among others. To eliminate the risk of flooding and increase road resilience and ensure safer roads that meet all standards. Engineering works will be developed to improve the drainage or elevation system, better marks, signs and lighting. At the same time, ensure that they address the needs of all users, including pedestrians and cyclists. A Memorandum of Understanding (MOU) will be requested from the ACT. |
| Manati | Municipality | 07/08/20 | REINFORCEMENT OF AIR CONDITIONING CONSOLES IN CRITICAL FACILITIES. Hurricane Maria caused the consoles of the CDT rooftop air conditioners to turn and some of them to be damaged. It is recommended to install double anchors for suitcase type units, double anchors for vertical condenser type units, Bases for anchoring to the wall due to being on the ground, double anchors for package type units. Mitigation activity ensures that CDT air conditioning facilities are more resilient to future hurricanes and other disasters. | CDT Municipal Hospital, Municipal Police, OMMEAD, PR-2, Km. 50.5, Bo. Village, Cadastre: 056-11-006-01. | \$15,000.00 | | | | | 18.2546 | 66.2943 | HMGP Risk: Strong Winds | |
| Manati | Municipality | 07/08/20 | REINFORCEMENT OF THE MOGOTE THAT HOSTS THE CRITICAL FACILITIES OF EMERGENCY RESPONSE. Hurricane Maria caused a landslide on PR-2 km. 50.5 which aggravated the problem of deterioration of a mogote where the critical facilities that provide essential services in the event of an emergency are located; such as: Hospital, OMMEAD and Municipal Police. Lack of access disrupted the provision of critical health and safety services. There is a high risk for the future. The measure saves life and property, prevents interruption of services, loss of productivity. Stops future risk of slipping, prevents vehicle access from being obstructed. Provides stability to critical facilities. Ensures that public buildings are more resistant to future hurricanes, earthquakes, and other disasters. This measure benefits all residents of Manati (41,468, ACS, 2016) and neighboring municipalities. COA ID: NCR13, PBD9, PBD11 | PR-22 Km. 50.0, Bo. Pueblo, Cadastre: 056-011-006-01 | \$4,531,027.00 | | | | | 18.42881 | 66.49558 | Landslide, Wind, Earthquake | To eliminate the risk of future damage and to protect life and property, the construction of an armed retaining wall is proposed that structurally reinforces the 405 feet of the slope. The project requires design, HH study, permits, etc. |
| Manati | Municipality | 07/08/20 | REINFORCING CRITICAL FACILITIES WITH A "ROLL UP" STORM SYSTEM OUTSIDE THE HISTORICAL AREA. Hurricane Maria damaged doors and windows in critical municipal facilities outside the Historic Zone due to the impact of debris carried by the wind. Critical facilities offer essential services and must be protected. In some cases, the wind opened the doors and windows and caused the entry of water and the loss of equipment and materials. The installation of roll up shutters is proposed. The installation of roll up shutters reduces or eliminates the risk of repetitive damage to the repair of structures. Ensures buildings are more resistant to future hurricanes or disasters. Reduces losses in content, repairs and the value of insurance premiums. Avoid interruption of services, loss of productivity and interruption of life. | OMMEAD, General Headquarters of the Municipal Police, Detachment Bo. Boquillos, Municipal Hospital, Virgilio Ramos Cosellas and Blanquita Dávila Centers for the Aged. COA ID: CIT5, NCR1, PBD8, PBD9. | \$700,000.00 | | | | | 18.4276 | 66.493 | HMGP Risk: Wind and Flood | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|
| Manatí | Municipality | 07/08/20 | RESTORATION OF CORAL REEFS FROM PUNTA CHIVATO TO LOS TUBOS BEACH. The acropora reef population has fallen by 98% due to disease and an imbalance in the health of Caribbean reefs. Hurricane Maria caused a massive death toll on coral reefs. These have a recreational, tourist and economic appeal. The restoration of reefs allows to obtain goods and services, fishing habitats, spaces for education, research, food, pharmacological products and sand production. They reduce wave energy by 97% and reef ridges dissipate most of this energy by 86%. It is proposed to continue a pilot coral reforestation project, to monitor, investigate and plant collected coral fragments, placed in sites, with good light conditions and water quality so that they can prosper and grow in protected conditions. Corals transplanted again into the natural environment of the reef, increase reef recovery by developing live coral cover and promote the growth of food reserves. The proposal benefits the entire population of Manatí and future generations. COA ID: CPCB4, CPCB10, CPCB11, CIR5, NCR14. | Los Tubos Beach Recreation Area, Highway PR-686, Bo. Tierras Nuevas Salientes, Manatí. Cadastre: 016-000-010-01. | \$25,000.00 | | | | | 18.4756 | 66.5068 | Flood, Coastal Erosion, Hurricane, Tsunami, E | The DRNA Coral Reef Management and Conservation Program unveiled the economic value of coral reefs in eastern PR. He indicated that the value of these resources was \$ 1.6 billion, with tourism and recreation being the activities with the highest value. Temmerman, (2013) points out that the protection and restoration of coral reefs as a shore protection measure is less expensive than the construction of engineering structures such as levees and breakwaters that are ineffective with the projected changes in the level of the sea. |
| Manatí | Municipality | 07/08/20 | SEISMIC REINFORCEMENTS FOR RACKS IN CRITICAL FACILITIES. Reinforcement of light duty shelving units and / or metal storage cabinets. These items are typically tall and narrow and can be heavily loaded. Shelf units can slide or tip over and contents can fall off or fall. Where there are rows of freestanding or poorly anchored shelves, it can result in progressive collapse and can lead to loss of human life. Damage to content or inventory that has fallen off the shelves can be costly to repair or replace and can result in a substantial disruption to service. It is proposed to install angles cut according to the measurements of the shelves, to install additional screws, slats, among others, to avoid loss of life and the collapse of the racks. The alternative provides protection to life and property. It avoids injuries or death by earthquake and ensures the continuity of services. | CDT Municipal PR-2 Hospital, Km. 50.5, Bo. Pueblo, Cadastre 056-11-006-01 and in the Historical Archive, Paseo del Atenas Streets, Cadastre 056-210-0008-05-901. | \$10,000.00 | | | | | 18.4288055 | -66.4919444 | SP Risk: Earthquake, hurricanes, strong winds, flood | |
| Manatí | Municipality | 07/08/20 | STABILIZE THE EXTENSION OF THE "SUMIDERO" COMMUNITY BOQUILLAS. Hurricane Maria expanded a sink located in Bo. Nozzles and undermined sidewalks and cracked driveways, endangering 2 low-income families. This sink collapsed in 1996. The sinks were closed as a safety measure and to prevent the entry of sediment. The waters also released the 400-foot fence. The water level rose 1 foot. The mitigation measure provides stability and security to the 2 families. Reduces the risk of loss of life and property, sediment contamination and the risk of future landslide. COA ID: HOU3, HOU1 | Calle Perla with Calle Amecle and Calle Estrella del Mar (corner calle Nácar # 116), Comunidad Boquillas, Bo. Tierras Nuevas Saliente, Manatí | \$50,000.00 | | | | | 18.46246 | 66.48914 | HMGP Risk: Rain, Earthquake, Liquefaction, S | To reduce the risk posed by a drain at the entrance of the dwellings, the installation of a geomembrane is proposed to prevent infiltration and to isolate the drain. Repairing the gate is required to secure the sump. |
| Manatí | Municipality | 07/08/20 | STRENGTHEN THE PLANNING OFFICE (OPADU) WITH THE NECESSARY SOFTWARE TO HANDLE GEOGRAPHICAL INFORMATION. During Hurricane Maria, the Municipality of Manatí did not have the equipment and software, Arc GIS and GPS, to collect geographic information and establish a detailed risk register. Strengthen the Municipal Planning Office (OPADU) with GIS and design software to manage and analyze data related to risk mitigation. The mitigation activity benefits the population of Manatí (41,468, ACS 2016). It allows OPADU to manage and collect data to draft plans and for decision making and to be able to disseminate this information with PREMA. It allows updating the municipal plans to align them with the Land Use Plan and the revision of the Mitigation Plan. COA ID: CPCB1, CPCB3, HOU6. | Municipal Planning Office (OPADU), Casa Alcaldía, Manatí. Cadastre: 056-022-040-04. | \$20,000.00 | | | | | 18.4275 | 66.4931 | HMGP Risk: Winds, Flood, Earthquake, Tsunami | |
| Manatí | Municipality | 07/08/20 | STRENGTHENING CRITICAL FACILITIES WITH ELECTRIC GENERATORS. Critical facilities offer essential services to all Manatí communities and is where critical records are kept. Due to the strong impact of Hurricane Maria, critical facilities lost the continuous use of conventional power generators due to excessive use to satisfy the demand for services. In other circumstances, in several critical facilities there were no power generators. For the definitive solution in the interruption of services due to lack of energy, it is necessary to purchase 7 generators with all the components for critical installations. The mitigation activity benefits the entire population of Manatí (41,468, ACS 2016). Coa Id: C15 | Human Resources Office: 056-022-063-08-001. Lat / Long: 18.42668188000 - 66.49282871000 Head Start: 056-021-040-01-001. Lat / Long: 18.42749804000 - 66.49357260000 BO Municipal Police Headquarters: 034-012-186-36. Lat / Long: 18.46234065000 - 66.49042523000 Bo Municipal Police Headquarters Bo. Cortés: 055-085-658-23-000. Lat / Long: 18.40922600000 - 66.53239200000 Historical Archive Office: 056-210-0008-05-901. Lat / Long: 18.42880550000 - 66.49419444000 Finance Department: 056-021-008-07. Lat / Long: | \$150,000.00 | | | | | 18.2538 | 66.2934 | HMGP Risk: Wind, Flood, Earthquake, Tsunami | |
| Manatí | Municipality | 07/08/20 | TANKS TO IMPROVE WATER SUPPLIES IN CRITICAL FACILITIES. During Hurricane Maria, the Critical Facilities affected their services due to insufficient capacity of the existing tanks. It is proposed to equip and expand the capacity of the Cisterns to improve water supplies in Critical Facilities, especially Centers for the Aged. | OMMEAD, Cuartel General de la Policía Municipal, Cuartel de la Policía Municipal Bo. Boquillas, Hospital Municipal, Centros de Envejecientes Virgilio Ramos Casellas y Blanquita Dávila. | \$150,000.00 | | | | | 18.4276 | 66.493 | HMGP Risk: Winds and Flood | |
| Maricao | Municipality | 07/10/20 | Canalización del Río Prieto Bo. Indiera Alta Sec. El 30 Carr 428 Km 0.0 a 0.6 | Bo. Indiera Alta | \$6,000,000.00 | none | none | \$6,000,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Canalización Quebrada al lado del Hospital de Maricao | Bo. Maricao Afuera | \$2,000,000.00 | none | none | \$2,000,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Canalización Quebrada Juan Sanchez | Bo. Maricao Pueblo | \$5,000,000.00 | none | none | \$5,000,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Canalización Río Maricao Carr 357 Km 0.0 a 0.5 y Carr 410 Km 0.2 a 0.5 | Bo. Maricao Pueblo y Bo. Maricao Afuera | \$14,000,000.00 | none | none | \$14,000,000.00 | not available | Not available | Not available | 100-year flooding | |
| Maricao | Municipality | 07/10/20 | Canalización Río Maricao Carr 357 Km 2.6 Int. Sec. Los Cuadros | Bo. Maricao Afuera | \$3,000,000.00 | none | None | \$3,000,000.00 | not available | Not available | Not available | 100-year flooding | |
| Maricao | Municipality | 07/10/20 | Construcción Atarjea Carr 357 Km 0.9 Camino Aris Fared | Bo. Maricao Afuera | \$1,500,000.00 | none | none | \$1,500,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción Atarjea Carr 357 Km 1.3 | Bo. Maricao Afuera | \$1,600,000.00 | none | none | \$1,600,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción de Atarjea Bo. Montoso Sec. Alerta Camino Los Velez Carr 105 Km 22.1 Interior | Bo. Montoso | \$1,000,000.00 | none | none | \$1,000,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción de Atarjeas en el Bo. Indiera Alta sector El 30 Carr 428 Km 1.3 | Bo. Indiera Alta | \$300,000.00 | none | none | \$300,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción de Obras Pluviales en la Urb. Estancias del Cafetal | Bo. Maricao Afuera | \$1,500,000.00 | none | none | \$1,500,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción de puente en el Bo. Bucarabones camino Esmeralda Justiniano Carr 105 Km 37.5 Interior | Bo. Bucarabones | \$2,600,000.00 | none | none | \$2,600,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción de un Refugio permanente en el Bo. Indiera Baja en antiguo cancha bajo techo Carr 426 Km 0.1 | Bo. Indiera Baja | \$3,000,000.00 | none | none | \$3,000,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Construcción Muro de Contención Carr 357 Km 2.0 | Bo. Montoso | \$2,700,000.00 | none | none | \$2,700,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Hincado de pozo en el Bo. Montoso, Bo. Indiera Baja, Bo. Indiera Alta, Bo. Indiera Alta y Bucarabones | Varios Barrios de Maricao | \$350,000.00 | none | none | \$350,000.00 | not available | Not available | Not available | Drought | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|--|---|---|---|--|--|---|---|
| Maricao | Municipality | 07/10/20 | Mejoras a Puente existente en Camino Parcelas Noriega Carr 105 Km 19.6 Interior | Bo. Montoso | \$1,200,000.00 | none | none | \$1,200,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maricao | Municipality | 07/10/20 | Recogido de aguas pluviales en el Centro del Pueblo y Bo. La Cuchilla | Bo. Maricao Pueblo y Bo. Maricao Afuera | \$3,200,000.00 | none | none | \$3,200,000.00 | not available | Not available | Not available | Multi-Hazard Mitigation | |
| Maunabo | Municipality | 07/01/20 | Arenas Creek passes behind Est. Villa Navaro and Emilio Calimano Communities. At both communities there area approximately 23 homes in risk of losing ground due to riverine erosion. Both are prone to continuous flooding due to heavy rain events. The projected measure is to building 2 retention ponds for agricultural and recreational use, diverting the course of the Arenas Creek, and improving hydraulic flow of approximately 950 meters of the southside part of the creek. Also the addition of gabion banks along the river bank. This is a phased project. The benefits for the communities are that this will reduce the flooding, protect properties and lives of the residents, it will also provide water for agricultural use in case of drought. | Pueblo Ward, Est. Villa Navaro and Calimano Communities. Latitude: 18.0062936 N Longitude: -65.894547 E | \$915,004.10 | Not Applicable | Not Applicable | \$915,004.10 | 950 meters | 18.0062936 N | -65.894547 E | 100-year flooding | Project is included in the Natural Hazard Mitigation Plan of the Municipality |
| Moca | Municipality | 08/19/20 | Este proyecto busca reparar y/o reemplazar las red de "culverts" dañadas en la PR 111 Km. 4.9 del Bo. Pueblo. La red de alcantarillas o "culverts" en su mayoría han sido construidas a finales de los años 1960 y 1970 llegando estas a su máximo de vida útil. La mitigación es para reducir la vulnerabilidad de la infraestructura ante peligros o desastres naturales. (Este Proyecto pertenece al Plan de Mitigación Municipal, mayo 2017) | El sitio del proyecto se encuentra localizado en la PR 111 Km 5.0 en el Barrio Pueblo. | \$1,500,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado que se necesita del Programa CDBG-MIT es \$1,500,000.00 | Medición de Área Aproximada = 2.24263 acres. | 18.394566 | -67.107605 | 100-year flooding | |
| Moca | Municipality | 08/19/20 | Este proyecto contempla el reemplazo y mejoras de las "culverts", de la estructura del drenaje y del puente existente en el Sector Muñiz. La mitigación consta en reducir el impacto de desastres naturales en la propiedad y la infraestructura de la población. En adición, reducir la vulnerabilidad de las instalaciones y la infraestructura municipal ante peligros naturales. (Este Proyecto pertenece al Plan de Mitigación Municipal, mayo 2017). | El sitio del proyecto se encuentra localizado en la PR 444 Km. 2.90 Int del Sector Muñiz, Barrio Cuchillas. | \$325,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado que se necesita del Programa CDBG-MIT es de \$325,000.00. | Medición de Área Aproximada = 0.497817 acres. | 18.39389 | -67.08373 | 100-year flooding | |
| Moca | Municipality | 08/19/20 | Este proyecto contempla la reingeniería de la construcción de la carretera para disminuir el problema de deslizamientos de tierra e inundación en el Barrio Naranjo. La mitigación en este proyecto va dirigida a reducir el potencial de los deslizamientos de tierra y las inundaciones garantizando preservar la vida y seguridad de la población y reducir el impacto de desastres naturales en la infraestructura. (Este Proyecto pertenece al Plan de Mitigación Municipal, mayo 2017) | El sitio del proyecto se encuentra localizado en el problema de deslizamiento de tierra e inundaciones es cerca del puente localizado luego del Centro Comunal del Barrio Naranjo. | \$700,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado que se necesita del Programa CDBG-MIT es \$700,000.00. | Medición de Área Aproximada = 0.858283 acres. | 18.361183 | -67.107179 | Rain Induced Landslides | |
| Moca | Municipality | 08/19/20 | Este proyecto contempla la reingeniería de la construcción de la carretera para disminuir el problema de deslizamientos de tierra en el Sector San Lorenzo en el Barrio Naranjo. La mitigación en este proyecto va dirigida a reducir el potencial de los deslizamientos de tierra garantizando preservar la vida y seguridad de la población y reducir el impacto de desastres naturales en la infraestructura. (Este Proyecto pertenece al Plan de Mitigación Municipal, mayo 2017) | El sitio del proyecto se encuentra localizado luego de un pequeño puente de dos carriles en el Sector Parcelas San Lorenzo en el Barrio Naranjo. | \$275,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado que se necesita del Programa CDBG-MIT es \$275,000.00. | Medición de Área Aproximada = 0.510158 acres. | 18.351983 | -67.106855 | Rain Induced Landslides | |
| Moca | Municipality | 08/19/20 | Este proyecto contempla la reparación y/o reposición de la carretera PR 112 de daños en la red de "culverts" en el Sector Cortadera del Barrio Rocha. La mitigación es para reducir la vulnerabilidad de la infraestructura ante peligros o desastres naturales. (Este Proyecto pertenece al Plan de Mitigación Municipal, mayo 2017) | El sitio del proyecto se encuentra localizado en la PR 112 Km 13.1 Int. del Sector Cortadera en el Barrio Rocha. | \$800,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado que se necesita del Programa CDBG-MIT es de \$1 | Medición de Área Aproximada = 70.697153 acres. | 18.398646 | -67.041649 | 100-year flooding | |
| Moca | Municipality | 08/19/20 | Este proyecto contempla soterrar la cablería de AEE en área de facilidades críticas que ofrecen servicios esenciales en el manejo de emergencias y garantizan la vida y seguridad de 40,109 residentes; esto en la zona del Casco Urbano. Se necesitará un MU con PREPA. | Un punto de referencia ubicada en la Calle Monseñor Torres, Intersección con la PR 110 Km.12.2 en el Barrio Pueblo de Moca. (Cercano al Hospita San Carlos). | \$5,000,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado que se necesita para el Programa CDBG-MIT es de \$5 millones. | Medición de Área Aproximada = 51.319462 acres. | Punto de Referencia: 18.391055 | Punto de Referencia: -67.109949 | Hurricane Force Winds | |
| Moca | Municipality | 08/19/20 | Este proyecto incrementará la capacidad (upgrade) del drenaje del sistema pluvial para el desahúe abierto (culverts) debajo de las carreteras o puentes, para el control de las cargas de agua de escorrentías que afectan el drenaje; mitigar las inundaciones para garantizar la vida y seguridad de 13,239 residencias (4,413 familias), se considera la instalación de alcantarillas; se considera la instalación de "culverts". | El sitio del proyecto se encuentra ubicado en varias comunidades (10 Barrios) a través del Municipio de Moca, PR. (Barrio Cuchillas, Barrio Rocha, Barrio Voladoras, Barrio Cruz, Barrio Capá, Barrio Cerro Gordo, Barrio Plata, Barrio Marías, Barrio Naranjo, Barrio Pueblo), Barrio Cuchillas; Sector Vera (1 atarjea), Calazán Méndez (2 atarjea), Sector Félix Máneme (3 atarjea), Sector Centro Comunal (1 atarjea), Sector Nito Méndez (1 atarjea), Sector Regalado Lorenzo (1 atarjea) | \$14,120,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado necesario para el Programa CDBG-MIT es de \$14,120,000.00. | Varias localizaciones a través del municipio. | Coordenadas por Barrios: Cuchillas (18.401508); Rocha (18.393074); Voladoras (18.371418); Capá (18.364851); Cerro Gordo (18.331670); Plata (18.340190); Cruz (18.375184); Maria (18.374166); Naranjo (18.346213); Pueblo (18.390132) | Coordenadas por Barrios: Cuchillas (-67.081891); Rocha (-67.048546); Voladoras (-67.077111); Capá (-67.053453); Cerro Gordo (-67.073310); Plata (-67.047561); Cruz (-67.114477); Maria (-67.118348); Naranjo (-67.109788); Pueblo (-67.117354) | 100-year flooding | |
| Moca | Municipality | 08/19/20 | Este proyecto mitigará veintidós (22) deslizamientos de tierra, estabilización de talud de terreno y hundimientos causados durante el Huracán María e incluso se ve afectado en algunos sectores el único acceso de la comunidad. Estos se encuentran en varias carreteras en nueve (9) diferentes barrios de Moca. Esto con la intención de garantizar la vulnerabilidad, seguridad y vida de 3,593 familias. | El sitio del proyecto se encuentra ubicado en varias comunidades que ubican en ocho (8) barrios a través del Municipio de Moca. (Barrio Rochas, Barrio Capá, Barrio Cerro Gordo, Barrio Cruz, Barrio Naranjo, Barrio Pueblo, Barrio Voladoras, Barrio Cuchillas & Limón (Estabilización del Terreno Bo. Cuchillas & Bo. Rocha), PR 444 Km 5.2 Int - Bo. Rocha - PMMunc. - #2; 2. Entre Sector Lassalle y Avilés PR125 Km 10.7 (Cesar P - PR 125 km.9) (Hundimiento), Bo. Capá; 3. Sector Villa Melo PR 404 Km 7.5 (Deslizamiento), Bo. Cerro Gordo; 4. Sector Benito Cardona (Deslizamiento PR420 Bomba de Agua), Bo. Cerro Gordo; | \$11,000,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado necesario para del Programa CDBG-MIT es de \$11 Millones. | Varias localizaciones a través del municipio. | Sector Ferrer, Pachanga & Limón (18.397901); Sector Lassalle (18.373324); Sector Villa Melo (18.339333); Sector Benito Cardona (18.350353); Sector Quebrada Grande (-67.107664); PR404 Km. 0.0 Int. (-67.102292); PR404 Km. 0.6 Int. (-67.099987); Sector Sabana (-67.093211); Sector San Lorenzo (-67.105004); Sector Cortadera (-67.085753); PR 110 Km. 8.5 (-67.127218) | Rain Induced Landslides | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|--|
| Moca | Municipality | 08/19/20 | Este proyecto presenta la alternativa de construir una nueva celda con el sistema de recubrimiento para la eliminación de residuos sólidos en el vertedero municipal. La mitigación consta en proteger la salud pública y el medio ambiente de una contaminación del sistema acuifero a causa de las operaciones del vertedero. Debido a que la ubicación del relleno sanitario se encuentra en un ecosistema sensible con acuíferos subterráneos ya que son tierras en zona casica. | El sitio del proyecto se encuentra localizado en la PR 110 Km. 16.2, Bo. Centro de Moca. | \$1,610,687.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado que se necesita para Programa CDBG-MIT es de \$1,610,687.00. | Medición de Área Aproximada = 52.939891 acres. | 18.416291 | -67.11295 | Human Caused | |
| Moca | Municipality | 08/19/20 | Este proyecto tiene la intención de construir un sistema de alcantarillado sanitario para la Comunidad de Lomas Verdes en el Santo Pueblo de Moca. El objetivo principal es para el funcionamiento de un sistema que recolectará las aguas residuales de descarga, con una mitigación para manejar las escorrentías de aguas usadas cuando llueve creando inundaciones en las calles, entradas y en los patios de las residencias; mejoras en la calidad de agua, protege la salud, la vida, la seguridad pública y el riesgo de contaminar las aguas del Río Culebrinas por su proximidad al terreno de las propiedades. | El sitio del proyecto se encuentra localizado en la Comunidad Lomas Verdes en la PR 110 Km. 10.4 Int., Bo. Pueblo de Moca. | \$3,800,000.00 | Actualmente no hay fuentes de financiamiento. | ninguna | El costo estimado aproximado que se necesita para el Programa CDBG-MIT es de \$3,800,000.00 | Medición de Área Aproximada = 56.342732 acres. | 18.379941 | -67.118958 | 100-year flooding | |
| Marovis | Municipality | 07/03/20 | Project Type: Structural Retrofitting of Existing Buildings Description: Storm shutter acquisition and installation in critical government facilities. Benefits to the Community/State: installation of storm shutters will reduce damage and loss in case of hurricane or storm activity | Diferents neighborhoods | \$42,648.00 | N/A | N/A | \$42,648.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Infrastructure Retrofit Description: redesign and upgrade of bridge at Unibon River. Benefits to the Community/State: Will prevent over topping and possible structural failure of bridge. This bridge is main access to community and losing its use implies a 1 hour diversion of traffic through high risk areas. | Unibon neighborhoods | \$1,743,000.00 | N/A | N/A | \$1,743,000.00 | | 18.331654 | -66.371552 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Infrastructure Retrofit. Description: Bury all power lines and communication lines in the Marovis town center. Benefits to the Community/State: Protection of power and communication infrastructure during disaster events. Increase infrastructure resiliency for the community. | Town neighborhoods (urban area) | \$50,000,000.00 | N/A | N/A | \$50,000,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Prepare geo referenced maps of flood zones, watersheds and basins and general hydrography of the municipality. Benefits to the Community/State: These maps will be the basis for regulation and planning for the municipality. This will help identify and update high risk flood areas which will help take measures for the protection of the community and proper watershed management. | In the In the mayor's house | \$45,000.00 | N/A | N/A | \$45,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Community education on mitigation activities to be practiced in the community to increase resiliency. Benefits to the Community/State: An educated community is better prepared to face a disaster and reduce their losses as well as increase their safety. | In the In the mayor's house | \$30,000.00 | N/A | N/A | \$30,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Canalization, dredging, embankment reinforcement for 8 creeks and streams. Benefits to the Community/State: This project will reduce the flooding and bank erosion in the community. | Diferents neighborhoods | \$4,000,000.00 | N/A | N/A | \$4,000,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Cooperative project for independent power grid for 5 municipalities in the mountain region. Benefits to the Community/State: This is a resiliency project to strengthen the electrical grid in the area and reduce dependency on the state electrical grid. | All neighborhoods in Marovis | \$69,600,923.10 | N/A | This project is based on 5 municipalities. we need complete the process to identify the total of the amount. | | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Educate communities on what to do in case of drought by preparing an internet portal. Benefits to the Community/State: Will benefit the community by giving them tools to deal with incidents of drought. | In the In the mayor's house | \$15,000.00 | N/A | N/A | \$15,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Geo referenced digital inventory of all critical infrastructure facilities and private properties that Benefits to the Community/State: Identifying properties and facilities will aid in the proper planning and execution of plans and programs designed to decrease damage and fatalities in case of a disaster. | Diferents neighborhoods | \$40,000.00 | N/A | N/A | \$40,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Preparation of a hazard inventory for land slides, rock slide and all ground movement hazards and a registry of the properties within the hazardous areas. Benefits to the Community/State: Benefits to community are for better planning and awareness. Also better response time in an event. | In the In the mayor's house | \$10,000.00 | N/A | N/A | \$10,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Prepare maps detailing all areas susceptible to ground and/or rock slide or any other mass movement. There are no maps in existence of this time. Must include all known parameters affecting ground slides. Benefits to the Community/State: There have already being losses due to ground mass slides. These are associated to known geological features which endanger the community in the area. Proper mapping will better the planning process and educate the people living in these areas. | All neighborhoods in Marovis | \$45,000.00 | N/A | N/A | \$45,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Miscellaneous/Other Description: Purchase of a geographic information system and software. Benefits to the Community/State: The benefits of this system influence 16 activities and a number of CRS activities all of which benefit the community by making it safer and more resilient. | All neighborhoods in Marovis | \$1,500.00 | N/A | N/A | \$1,500.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Mitigation Reconstruction. Description: Repair or demolish and construct 6 bridges by eliminating existing culverts. Benefits to the Community/State: These culvert and bridges are in disrepair and also restrict the flow of water causing flooding. Their repair or replacement will eliminate these hazards to the communities. | In 6 neighborhoods | \$6,000,000.00 | N/A | N/A | \$6,000,000.00 | | 18.12006 | -66.39523 | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Marovis | Municipality | 07/03/20 | Project Type: Non-structural Retrofitting of Existing Buildings and Facilities. Description: Non structural retrofitting of government and critical buildings in the municipality. Benefits to the Community/State: Retrofit of critical government buildings ensures the rendering of services and continuity of operations of the municipal government in a disaster situation. | In the In the mayor's house | \$38,500.00 | N/A | N/A | \$38,500.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Property Acquisition and Structure Demolition Description: Project consists of the purchase of 75 home in high risk areas for flooding and landslides to demolish and clear the areas, returning them to vacant state. Benefits to the Community/State: By relocating the families and demolishing the structures, a high risk area will be cleared, thus removing the potential for loss of life or property in the future. The families will be relocated to safe areas. | All neighborhoods in Marovis | \$12,000,000.00 | N/A | N/A | \$12,000,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Safe room Construction Description: Construction of safe room/EOC to safeguard emergency personnel and essential personnel during catastrophic events. Benefits to the Community/State: This will insure the continuity of operations during a mayor incident and shorten response times and recovery work. | Torreillas neighborhood | \$1,200,000.00 | N/A | N/A | \$1,200,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type: Soil Stabilization. Description : Terrain stabilization, land slide prevention by stepping terrain, gabions, netting, improved drainage and any other appropriate method. This will impact 17 sites Benefits to the Community/State: Elimination of hazard to communities, private properties and businesses. | Diferents neighborhoods | \$17,000,000.00 | N/A | N/A | \$17,000,000.00 | | 18.12006 | -66.39523 | | |
| Marovis | Municipality | 07/03/20 | Project Type:Structural Retrofitting of Existing Buildings Description: Asses homes and retrofit with hardened roofs, installation of storm shutters and storm doors. Benefits to the Community/State: Hardening of homes will prevent the loss of life and property and allow for a faster recovery from a disaster. | All neighborhoods in Marovis | \$30,000,000.00 | N/A | N/A | \$30,000,000.00 | | 18.12006 | -66.39523 | | |
| Naranjito | Municipality | 06/30/20 | 'STRUCTURAL RETROFITTING' O MODERNIZACIÓN ESTRUCTURAL DE COMUNIDAD ESPECIAL EL CERRO - VER ANEJO XVIII | BO. PUEBLO | \$4,500,000.00 | | | \$4,500,000.00 | | | | Earthquakes | |
| Naranjito | Municipality | 06/30/20 | ADQUISICIÓN DE GENERADORES PORTATILES DE RESPALDO - VER ANEJO V | BO. PUEBLO | \$180,000.00 | | | \$180,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | ADQUISICIÓN DE REMOLQUES MÓVILES PARA SUPLIR COMBUSTIBLE - VER ANEJO VI | BO. PUEBLO | \$35,000.00 | | | \$35,000.00 | | | | Severe Storms | |
| Naranjito | Municipality | 06/30/20 | ADQUISICIÓN DE SISTEMA DE FABRICACIÓN DE HIELO EN CONTENEDORES - VER ANEJO XI | BO. PUEBLO | \$600,000.00 | | | \$600,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | ADQUISICIÓN DE SISTEMA DE SUMINISTRO O FUENTE DE AGUA POTABLE - VER ANEJO IV | BO. PUEBLO | \$250,000.00 | | | \$250,000.00 | | | | Severe Storms | |
| Naranjito | Municipality | 06/30/20 | ADQUISICIÓN Y DEMOLICIÓN DE PROPIEDADES SECTOR LA GALVANA, CARR. 825 BO. ACHIOTE - VER ANEJO XIV | BO. ACHIOTE | \$250,000.00 | | | \$250,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | ADQUISICIÓN Y DEMOLICIÓN DE PROPIEDADES SECTOR LA MARINA, BO. GUADIANA - VER ANEJO XIII | BO. GUADIANA | \$2,225,000.00 | | | \$2,225,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | CONSTRUCCIÓN DE BARRERAS PARA EL CONTROL DE INUNDACIONES EN ESTRUCTURAS NO RESIDENCIALES - VER ANEJO IX | BO. ACHIOTE | \$150,000.00 | | | \$150,000.00 | | | | 100-year flooding | |
| Naranjito | Municipality | 06/30/20 | CONSTRUCCIÓN DE CENTRO COMUNITARIO DE USOS MÚLTIPLES COMUNIDAD HEVA - VER ANEJO XVII | BO. NUEVO | \$400,000.00 | | | \$400,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | CONSTRUCCIÓN DE EXTENSIÓN DE CANALIZACIÓN SOBRE EL RIO GUADIANA - VER ANEJO I | BO. ACHIOTE | \$9,000,000.00 | | | \$9,000,000.00 | | | | 100-year flooding | |
| Naranjito | Municipality | 06/30/20 | CONSTRUCCIÓN E IMPLEMENTACIÓN DE MEDIDAS DE ESTABILIZACIÓN DE SUELOS - VER ANEJO XII | TODOS LOS BARRIOS DE NARANJITO | \$6,848,340.00 | | | \$6,848,340.00 | | | | Rain Induced Landslides | |
| Naranjito | Municipality | 06/30/20 | IMPERMEABILIZACIÓN DE TECHOS EDIFICIO MUNICIPAL - VER ANEJO XV | BO. PUEBLO | \$650,000.00 | | | \$650,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | INSTALACIÓN DE GENERADOR PARA EL COMPLEJO RECREATIVO MUNICIPAL GELITO ORTEGA - VER ANEJO VII | BO. ACHIOTE | \$90,000.00 | | | \$90,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | INSTALACIÓN DE TORMENTERAS EN INSTALACIONES CRÍTICAS O VULNERABLES - VER ANEJO VIII | BO. PUEBLO | \$190,000.00 | | | \$190,000.00 | | | | Severe Storms | |
| Naranjito | Municipality | 06/30/20 | MEJORES ACUEDUCTOS COMUNALES (LOS SANTANA, BO. CEDRO ABAJO) - VER ANEJO II | BO. CEDRO ABAJO | \$500,000.00 | | | \$500,000.00 | | | | Drought | |
| Naranjito | Municipality | 06/30/20 | REALIZACIÓN DE ESTUDIO O ANÁLISIS DEL RIO GUADIANA / RESTRUCTURACIÓN DE LLANURAS ALUVIALES Y ARROYOS - VER ANEJO X | BO. ACHIOTE | \$100,000.00 | | | \$100,000.00 | | | | Multi-Hazard Mitigation | |
| Naranjito | Municipality | 06/30/20 | REHABILITACIÓN DE INFRAESTRUCTURA COMUNIDAD ESPECIAL EL CERRO - VER ANEJO III | BO. PUEBLO | \$863,360.00 | | | \$863,360.00 | | | | Human Caused | |
| Naranjito | Municipality | 06/30/20 | REHABILITACIÓN DEL COIASEO (CENTRO DE RECUPERACIÓN POR DESASTRES, REFUGIO PARA DESASTRES, PUNTO DE DISTRIBUCIÓN Y CENTRO DE OPERACIONES DE EMERGENCIA) - VER ANEJO XVI | BO. GUADIANA | \$400,000.00 | | | \$400,000.00 | | | | Multi-Hazard Mitigation | |
| Orocovis | Municipality | 06/29/20 | Bridge 4 of July St. Creek | Pueblo Ward, 4 of July St. 18.224906, -66.392290 | \$500,000.00 | | | \$500,000.00 | | 18.224906 | -66.392290 | | |
| Orocovis | Municipality | 06/29/20 | Bridge Bajuras Sector | Gato Ward, Bajuras Sector 18.234900, -66.382287 | \$1,500,000.00 | | | \$1,500,000.00 | | 18.2349 | -66.382287 | | |
| Orocovis | Municipality | 06/29/20 | Bridge Flamboyán Sector | Orocovis Ward, El Flamboyán Sector 18.220264, -66.384765 | \$500,000.00 | | | \$500,000.00 | | 18.220264 | -66.384765 | | |
| Orocovis | Municipality | 06/29/20 | Bridge La Vega Sector | Orocovis Ward, La Vega Sector 18.212462, -66.394234 | \$1,000,000.00 | | | \$1,000,000.00 | | 18.212462 | -66.394234 | | |
| Orocovis | Municipality | 06/29/20 | Bridge Luis M. Alfaro St | Orocovis Ward, Luis M. Alfaro St. 18.228266, -66.390575 | \$2,500,000.00 | | | \$2,500,000.00 | | 18.228266 | -66.390575 | | |
| Orocovis | Municipality | 06/29/20 | Bridge Sanamueelos | Barros Ward, Sanamueelos Sector 18.240729, -66.409853 | \$1,000,000.00 | | | \$1,000,000.00 | | 18.240729 | -66.409853 | | |
| Orocovis | Municipality | 06/29/20 | Communal Water System | Salto Ward, Coil Sector 18.224127, -66.410779 | \$150,000.00 | | | \$150,000.00 | | 18.224127 | -66.410779 | | |
| Orocovis | Municipality | 06/29/20 | Communal Water System | Damián Ward, Hacienda Sector 18.234686, -66.467254 | \$150,000.00 | | | \$150,000.00 | | 18.234686 | -66.467254 | | |
| Orocovis | Municipality | 06/29/20 | Communal Water System | Bauto Abajo Ward, La Francia Sector 18.195327, -66.461380 | \$150,000.00 | | | \$150,000.00 | | 18.195327 | -66.461380 | | |
| Orocovis | Municipality | 06/29/20 | Communal Water System | Barros Ward, Limones Sector 18.246016, -66.407463 | \$150,000.00 | | | \$150,000.00 | | 18.246016 | -66.407463 | | |
| Orocovis | Municipality | 06/29/20 | Communal Water System | Damián Ward, Gregorio Sector 18.241466, -66.413900 | \$150,000.00 | | | \$150,000.00 | | 18.241466 | -66.413900 | | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|--|
| Orocovis | Municipality | 06/29/20 | Communal Water System | Sabana Ward 18.190492, -66.376279 | \$150,000.00 | | | \$150,000.00 | | 18.190492 | -66.376279 | | |
| Orocovis | Municipality | 06/29/20 | Construction of Community Center (Safe Room) | Cacao Ward, La Hacienda Sector 18.232234, -66.507432 | \$1,000,000.00 | | | \$1,000,000.00 | | 18.232234 | -66.507432 | | |
| Orocovis | Municipality | 06/29/20 | Construction of Community Center (Safe Room) | Mata de Caña Ward 18.257400, -66.368413 | \$1,000,000.00 | | | \$1,000,000.00 | | 18.2574 | -66.368413 | | |
| Orocovis | Municipality | 06/29/20 | Flood Risk Management Rio Orocovis | 18.226722, -66.391794 | \$17,425,610.00 | | | \$17,425,610.00 | | 18.226722 | -66.391794 | | |
| Orocovis | Municipality | 06/29/20 | Landslides Villa Cooperativa | Sabana Ward, Las Marianas Sector 18.215448, -66.378793 | \$3,500,000.00 | | | \$3,500,000.00 | | 18.215448 | -66.378793 | | |
| Orocovis | Municipality | 06/29/20 | Municipal Energy Consortium of Mountain Region | | \$480,000.00 | | | \$480,000.00 | | | | | |
| Orocovis | Municipality | 06/29/20 | Property Acquisition and Demolition | Bauta Abajo Ward, La Francia Sector 18.198259, -66.464037 | \$500,000.00 | | | \$500,000.00 | | 18.198259 | -66.464037 | | |
| Orocovis | Municipality | 06/29/20 | Property Acquisition and Demolition | Bauta Abajo Ward, La Francia Sector (Los Burgos) | \$3,000,000.00 | | | \$3,000,000.00 | | | | | Varias Viviendas |
| Orocovis | Municipality | 06/29/20 | Storm Shutters SOROBEL Building (Municipal Police, OMME, EMM) | Orocovis Ward 18.229490, -66.389768 | \$30,000.00 | | | \$30,000.00 | | 18.22949 | -66.389768 | | |
| Orocovis | Municipality | 06/29/20 | Storm Shutters Town Hall (Alternate Emergency Center) | Luis Muñoz Rivera St. Orocovis Ward 18.226765, -66.391314 | \$30,000.00 | | | \$30,000.00 | | 18.226765 | -66.391314 | | |
| Orocovis | Municipality | 06/29/20 | Underground Electrical System in the urban center | Urban Center of Orocovis 18.227095, -66.391450 | \$3,500,000.00 | | | \$3,500,000.00 | | 18.227095 | -66.391450 | | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Quebrada Amiba | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 18.05076 | -66.075928 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Jardines del Marney | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 18.006863 | -66.005567 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Bo. Los Pollos | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 18.00166 | -65.994818 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Bo. Recio | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 17.973711 | -65.956909 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Cacao Bajo Sector Oben | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 17.992624 | -66.024021 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Bo. Bajo, Sector Lamboglia | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 17.979452 | -65.98444 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | Each year the hurricane season of six months puts in high risk the citizens of PR. Considering the experience of a major hurricane (Maria), the losses of properties and death toll, the municipality of Patillas is concerned about the security of the people during a future event. In addition, our roads may be inaccessible after a hurricane and response compromised. The municipality's proposes project to build Community Safe Rooms (in accordance to FEMA P-361) at 9 wards to shelter the people of each community. | Centro Comunal Bo. Marin Bajo | \$200,000.00 | N/A | N/A | \$200,000.00 | 500 SF | 18.043699 | -66.012123 | Multi-Hazard Mitigation | |
| Patillas | Municipality | 07/10/20 | The Municipality of Patillas manage the Municipal Cemetery located in Cacao Bajo Ward. This cemetery has reached its maximum capacity. This situation puts the health and safety of our citizens at risk. The non-delegable duty of our government is to ensure the general welfare of the people of Patillas. For this reason, the Municipality's proposes to build a New Municipal Cemetery in Cacao Bajo Ward near the existing cemetery. | Bo. Cacao Bajo | \$5,209,065.52 | N/A | N/A | \$5,209,065.52 | 3.2 CUERDAS | 18.004715 | -66.017947 | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional | |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|---|
| Penuelas | Municipality | 07/16/20 | approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Gazebo #3 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with metal sheet gable roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Gazebo #4 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with metal sheet gable roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Gazebo #5 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with metal sheet gable roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Gazebo #6 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with metal sheet gable roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Gazebo #7 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with metal sheet gable roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Ten (10) metal benches of approximately 6 ft. (L) x 1.25 ft. (W) x 1.5 ft. (H) EA from City Park Equipment. Ten (10) bleachers area: Bleachers, four (4) galvanized steel purlins, 20 FT long, were bent due to high velocity winds, 0% work completed. Canteen: Park Buildings, 1,800 SF of concrete, 25 FT long x 20 FT wide x 10 FT high, interior and exterior paint damage due to high velocity winds and wind driven rain, 0% work completed. Park Buildings, 700 SF of metal sheet roof, 35 FT long x 20 FT wide, torn due to high velocity winds, 0% work completed. center field: Lighting, metal light post, 40 FT high, twisted due to high velocity wind, 0% work completed. Fencing, 1,000 SF of chain link fence with one (1) vertical 2 in galvanized pole 20 ft (H) every 10 ft and two (2) horizontal 2 in galvanized pole along the length of the fence, 50 FT long x 20 FT high, collapsed due to high velocity winds and rushing flood water, 0% work completed. right field dugout: Athletic Fields, 242 SF of sheet metal roof, 22 FT long x 11 FT wide, torn due to high velocity winds, 0% work completed. right field next to 10 FT (H) chain link fence: Lighting, metal light post, 40 FT high, collapsed with all six (6) 1500 watt lighting fixtures broken due to high velocity wind, 0% work completed. Lighting, 6 each of baseball field lighting, 1,500 Watt, lighting fixtures destroyed due to high velocity winds, 0% work completed. right field next to dugout: Lighting, metal light post, 40 FT high, with six (6) 1500 watt lighting fixtures each with a loose foundation base and about to collapse due to high velocity winds, 0% work completed. | | Unknown | | | | | | | | | Covered Shelters, 484 SF of Gazebo #2 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with gable metal sheet roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Entire metal sheet roof torn and bent. The attachment points of the reinforced concrete beams were damaged, 0% work completed. Covered Shelters, 484 SF of Gazebo #3 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with gable metal sheet roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Entire metal sheet roof torn and bent. The attachment points of the reinforced concrete beams were damaged, 0% work completed. Covered Shelters, 484 SF of Gazebo #4 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with gable metal sheet roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Entire metal sheet roof torn and bent. The attachment points of the reinforced concrete beams were damaged, 0% work completed. Covered Shelters, 484 SF of Gazebo #5 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with gable metal sheet roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Entire metal sheet roof torn and bent. The attachment points of the reinforced concrete beams were damaged, 0% work completed. |
| Penuelas | Municipality | 07/16/20 | bleachers area: Bleachers, four (4) galvanized steel purlins, 20 FT long, were bent due to high velocity winds, 0% work completed. Canteen: Park Buildings, 1,800 SF of concrete, 25 FT long x 20 FT wide x 10 FT high, interior and exterior paint damage due to high velocity winds and wind driven rain, 0% work completed. Park Buildings, 700 SF of metal sheet roof, 35 FT long x 20 FT wide, torn due to high velocity winds, 0% work completed. center field: Lighting, metal light post, 40 FT high, twisted due to high velocity wind, 0% work completed. Fencing, 1,000 SF of chain link fence with one (1) vertical 2 in galvanized pole 20 ft (H) every 10 ft and two (2) horizontal 2 in galvanized pole along the length of the fence, 50 FT long x 20 FT high, collapsed due to high velocity winds and rushing flood water, 0% work completed. right field dugout: Athletic Fields, 242 SF of sheet metal roof, 22 FT long x 11 FT wide, torn due to high velocity winds, 0% work completed. right field next to 10 FT (H) chain link fence: Lighting, metal light post, 40 FT high, collapsed with all six (6) 1500 watt lighting fixtures broken due to high velocity wind, 0% work completed. Lighting, 6 each of baseball field lighting, 1,500 Watt, lighting fixtures destroyed due to high velocity winds, 0% work completed. right field next to dugout: Lighting, metal light post, 40 FT high, with six (6) 1500 watt lighting fixtures each with a loose foundation base and about to collapse due to high velocity winds, 0% work completed. | | Unknown | | | | | | | | bleachers area: Bleachers, four (4) galvanized steel purlins, 20 FT long, were bent due to high velocity winds, 0% work completed. Canteen: Park Buildings, 1,800 SF of concrete, 25 FT long x 20 FT wide x 10 FT high, interior and exterior paint damage due to high velocity winds and wind driven rain, 0% work completed. Park Buildings, 700 SF of metal sheet roof, 35 FT long x 20 FT wide, torn due to high velocity winds, 0% work completed. center field: Lighting, metal light post, 40 FT high, twisted due to high velocity wind, 0% work completed. Fencing, 1,000 SF of chain link fence with one (1) vertical 2 in galvanized pole 20 ft (H) every 10 ft and two (2) horizontal 2 in galvanized pole along the length of the fence, 50 FT long x 20 FT high, collapsed due to high velocity winds and rushing flood water, 0% work completed. right field dugout: Athletic Fields, 242 SF of sheet metal roof, 22 FT long x 11 FT wide, torn due to high velocity winds, 0% work completed. right field next to 10 FT (H) chain link fence: Lighting, metal light post, 40 FT high, collapsed with all six (6) 1500 watt lighting fixtures broken due to high velocity wind, 0% work completed. Lighting, 6 each of baseball field lighting, 1,500 Watt, lighting fixtures destroyed due to high velocity winds, 0% work completed. right field next to dugout: Lighting, metal light | |
| Penuelas | Municipality | 07/16/20 | board 411) on top. Thirty two (32) aluminum ambient lighting posts of approximately 18 ft. (H) EA with one sodium lighting fixture EA, installed on concrete bases of approximately 1.5 ft. (L) x 1.5 ft. (W) x 1 ft. (H) EA. Two (2) metal lighting posts of approximately 25 ft. (H) EA with two (2) 1,500 W lighting fixtures EA, installed on concrete bases of approximately 1.5 ft. (L) x 1.5 ft. (W) x 1 ft. (H) EA. Ten (10) metal wastebaskets of approximately 3.83 ft. (H) x 2 ft. (D) EA from City Park Equipment. Two (2) galvanized metal "Park Rules" signs of approximately 4 ft. (L) x 4 ft. (W) (Entrance) and 8 ft. (L) x 4 ft. (W) (Playground area) | | Unknown | | | | | | | | Covered Shelters, 484 SF of Gazebo #5 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with gable metal sheet roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Entire metal sheet roof torn and bent. The attachment points of the reinforced concrete beams were damaged, 0% work completed. Covered Shelters, 484 SF of Gazebo #7 - Square shaped gazebo of approximately 22 ft. (L) x 22 ft. (W) x 16 ft. (H) with gable metal sheet roof supported by four (4) reinforced concrete beams of approximately 17 ft. (L) x 1 ft. (W) x 1 ft. (H) EA and four (4) concrete round columns 7.5 ft. (H) x 1 ft. (D) EA. Entire metal sheet roof torn and bent. The attachment points of the reinforced concrete beams were damaged, 0% work completed. Main entrance (South), 80 SF of Concrete structure (Both side), 50 FT long x 8 FT wide, 10% paint peeled, 0% work completed. Secondary entrance, 96 SF of Concrete structure (Both side), 40 FT long x 12 FT wide, 10% paint peeled, 0% work completed. Benches, 5 each of Ten (10) metal benches of approximately 6 ft. (L) x 1.25 ft. (W) x 1.5 ft. (H) EA from City Park Equipment, metal benches damaged from tree falls, 0% | |
| Penuelas | Municipality | 07/16/20 | Building Exterior, 1 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 2 iron angle beams 8 ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 4 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 4 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. West side drywall panels with angle beams structure torn and destroyed by high velocity winds, 0% work completed. Warehouse: Building Interior, 666 SF of Maintenance warehouse wall paint, 14.5 FT long x 9.5 FT wide x 11 FT high, peeled, discolored and with mold on 30% of the walls and floor due to water filtrations, 0% work completed. | | Unknown | | | | | | | | Building Exterior, 1 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 2 iron angle beams 8 ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 4 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 4 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. West side drywall panels with angle beams structure torn and destroyed by high velocity winds, 0% work completed. Warehouse: Building Interior, 666 SF of Maintenance warehouse wall paint, 14.5 FT long x 9.5 FT wide x 11 FT high, peeled, discolored and with mold on 30% of the walls and floor due to water filtrations, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Building Exterior, 2 each of model YC180C00A2AAA2A, York Air Handling Units, CU-1 and CU-2, 15 TONS, Units damaged by hurricane force winds, 0% work completed. Building Exterior, 1 each of model J20J2C00A2AAA1B, AHU-1 York Air Handling Unit, AHU-1, 15 TONS, damaged by hurricane force winds, 0% work completed. Building Exterior, Aluminum cap flashing over roofs, 75 FT long, SW side parapet torn due to the high winds, 0% work completed. Building Exterior, 3 each of round roof drain covers two (2) from the SW side and one (1) from the Library area, 6 IN wide, were torn due to the high winds, 0% work completed. Elena Rivera Gutiérrez Fine Arts Center Sessions Room area: Building Interior, 20 SF of Concrete waffle ceiling with stucco finish, 10 FT long x 2 FT wide, peeled paint and mold stains from water filtrations due to heavy rains, 0% work completed. Building Interior, 2.5 SF of East wall drywall fascia, 2.5 FT long x 1 FT wide, with bubbled paint of from water filtrations due to heavy rains, 0% work completed. Building Interior, 6 SF of east concrete wall, 3 FT long x 2 FT wide, of with bubbled paint from water filtrations due to heavy rains, 0% work completed. Elena Rivera Gutiérrez Fine Arts Center Tourism, Art, and Culture Offices Area: Building Interior, 8 each of Reception area acoustic tiles, 2 FT long x 2 FT wide, were broken from water filtrations due to heavy rains, 0% work completed. | | Unknown | | | | | | | | Building Exterior, 2 each of model YC180C00A2AAA2A, York Air Handling Units, CU-1 and CU-2, 15 TONS, Units damaged by hurricane force winds, 0% work completed. Building Exterior, 1 each of model J20J2C00A2AAA1B, AHU-1 York Air Handling Unit, AHU-1, 15 TONS, damaged by hurricane force winds, 0% work completed. Building Exterior, Aluminum cap flashing over roofs, 75 FT long, SW side parapet torn due to the high winds, 0% work completed. Building Exterior, 3 each of round roof drain covers two (2) from the SW side and one (1) from the Library area, 6 IN wide, were torn due to the high winds, 0% work completed. Elena Rivera Gutiérrez Fine Arts Center Sessions Room area: Building Interior, 20 SF of Concrete waffle ceiling with stucco finish, 10 FT long x 2 FT wide, peeled paint and mold stains from water filtrations due to heavy rains, 0% work completed. Building Interior, 2.5 SF of East wall drywall fascia, 2.5 FT long x 1 FT wide, with bubbled point of from water filtrations due to heavy rains, 0% work completed. Building Interior, 6 SF of east concrete wall, 3 FT long x 2 FT wide, of with bubbled paint from water filtrations due to heavy rains, 0% work completed. Building Interior, 8 each of Reception area acoustic tiles, 2 FT long x 2 FT wide, were | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Penuelas | Municipality | 07/16/20 | Building Exterior, 384 SF of metal sheet roof over Basketball Court, 64 FT long x 6 FT wide, torn and destroyed on North side by high velocity winds, 0% work completed. Building Exterior, 1 each of drain gutter - North side, 40 FT long, torn and destroyed by high velocity winds, 0% work completed. Roof fascia: Building Exterior, 25 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 26 iron angle beams 8 ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 100 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 100 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. North side drywall panels with angle beams structure torn and destroyed due to high velocity winds, 0% work completed. Building Exterior, 2 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 3 iron angle beams 8ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 8 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 8 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. East side drywall panels with angle beams structure torn and destroyed due to high velocity winds, 0% work completed. Building Exterior, 12 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 13 iron angle beams 8 ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 48 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 48 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. South side drywall panels with angle beams structure torn and destroyed due to high velocity winds, 0% work completed. | | Unknown | | | | | | | | Building Exterior, 384 SF of metal sheet roof over Basketball Court, 64 FT long x 6 FT wide, torn and destroyed on North side by high velocity winds, 0% work completed. Building Exterior, 1 each of drain gutter - North side, 40 FT long, torn and destroyed by high velocity winds, 0% work completed. Roof fascia: Building Exterior, 25 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 26 iron angle beams 8 ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 100 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 100 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. North side drywall panels with angle beams structure torn and destroyed due to high velocity winds, 0% work completed. Building Exterior, 2 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 3 iron angle beams 8ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 8 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 8 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. East side drywall panels with angle beams structure torn and destroyed due to high velocity winds, 0% work completed. Building Exterior, 12 each of cement fiber board 4 ft. (W) x 8 ft. (L) EA, 13 iron angle beams 8 ft. x 0.17 ft. x 0.17 ft. EA every 4 ft. (between each panel), top support angle beam 48 ft. x 0.08 ft. x 0.08 ft., and bottom support angle beam 48 ft. x 0.17 ft. x 0.17 ft., 4 FT wide x 8 FT high. South side drywall panels with angle beams structure torn and destroyed due to high velocity winds, 0% work completed. |
| Penuelas | Municipality | 07/16/20 | Building Interior, 308 SF of Ticket booth wall paint, 10 FT long x 4 FT wide x 11 FT high, peeled, discolored and with mold on 75% of the walls due to water filtrations, 0% work completed. Building Interior, 1 each of Ticket booth wooden door, 3 FT wide x 7 FT high, destroyed due to water filtrations, 0% work completed. Office: Building Interior, 7 SF of Administrative office wall paint, 3.5 FT long x 2 FT wide, peeled paint due to water filtrations, 0% work completed. Building Interior, 981 SF of Maintenance office wall paint, 24.5 FT long x 9.5 FT wide x 11 FT high, peeled, discolored, and wrinkled on 50% of the walls and floor due to water filtrations, 0% work completed. Parking Area: Exterior Site, 90 SF of shoulder, 15 FT long x 6 FT wide, collapsed on South side due to rushing flood waters, 0% work completed. Exterior Site, 1 each of W-Beam guardrail, 6 FT long, dented by tree fallen by high velocity winds, 0% work completed. Exterior Site, 1 each of lighting post (East side), 18 FT long, bent by high velocity winds, 0% work completed. Restrooms: Building Interior, 45.25 SF of Ladies restroom area, tiled covered walls lost tiles due to wind driven rain (two (2) areas: 3.5 ft. (L) x 3.5 ft. (W), and 6 ft. (L) x 5.5 ft. (W)), 0% work completed. Building Interior, 56 SF of Men restroom wall paint, two (2) areas peeled, wrinkled, and with mold due to high humidity from water filtrations: 6 ft. (L) x 6 ft. (W), and 5 ft. (L) x 4 ft. (W), 0% work completed. Roof: Building Exterior, 1,200 SF of metal sheet roof | | Unknown | | | | | | | | Building Interior, 308 SF of Ticket booth wall paint, 10 FT long x 4 FT wide x 11 FT high, peeled, discolored and with mold on 75% of the walls due to water filtrations, 0% work completed. Building Interior, 1 each of Ticket booth wooden door, 3 FT wide x 7 FT high, destroyed due to water filtrations, 0% work completed. Office: Building Interior, 7 SF of Administrative office wall paint, 3.5 FT long x 2 FT wide, peeled paint due to water filtrations, 0% work completed. Building Interior, 981 SF of Maintenance office wall paint, 24.5 FT long x 9.5 FT wide x 11 FT high, peeled, discolored, and wrinkled on 50% of the walls and floor due to water filtrations, 0% work completed. Parking Area: Exterior Site, 90 SF of shoulder, 15 FT long x 6 FT wide, collapsed on South side due to rushing flood waters, 0% work completed. Exterior Site, 1 each of W-Beam guardrail, 6 FT long, dented by tree fallen by high velocity winds, 0% work completed. Exterior Site, 1 each of lighting post (East side), 18 FT long, bent by high velocity winds, 0% work completed. Restrooms: Building Interior, 45.25 SF of Ladies restroom area, tiled covered walls lost tiles due to wind driven rain (two (2) areas: 3.5 ft. (L) x 3.5 ft. (W), and 6 ft. (L) x 5.5 ft. (W)), 0% work completed. Building Interior, 56 SF of Men restroom wall paint, two (2) areas peeled, wrinkled, and with mold due to high humidity from water filtrations: 6 ft. (L) x 6 ft. (W), and 5 ft. (L) x 4 ft. (W), 0% work completed. Roof: Building Exterior, 1,200 SF of metal sheet roof |
| Penuelas | Municipality | 07/16/20 | Building Interior, 5 each of lighting fixtures, 2 FT long x 2 FT wide. Lamps do not work even with replaced tubes were damaged from water filtrations due to heavy rains, 0% work completed. Building Interior, 19 each of 26 ceiling recessed spotlights, do not work even with replaced bulbs were damaged from water filtrations due to heavy rains, 0% work completed. Jorge Miguel Freytes Theater sitting SW area: Building Interior, 304 SF of Theater's cloth covered, 16 FT wide x 19 FT high. Water filtrations stains due to heavy rains, 0% work completed. Jorge Miguel Freytes Theater Stage Area: Building Interior, 1 each of retractable projection screen and movement mechanism, 25 FT wide x 20 FT high. Screen has a water stain in center area of approximately 12 ft (L) x 4 ft (W) were damaged from water filtrations due to heavy rains, 0% work completed. Building Interior, 4 each of backstage fluorescent lamps, 4 FT long x 2 FT wide, with five (5) fluorescent tubes EA were damaged from water filtrations Lamps do not work even with replaced tubes 20 fluorescent tubes in total were damaged due to heavy rains, 0% work completed. Building Interior, 8 SF of ceiling plaster, 2 FT long x 2 FT wide, have water and mold stains at two (2) separate locations plastered ceiling attachment around PVC roof drains pipes due to heavy rain, 0% work completed. | | Unknown | | | | | | | | Building Interior, 5 each of lighting fixtures, 2 FT long x 2 FT wide. Lamps do not work even with replaced tubes were damaged from water filtrations due to heavy rains, 0% work completed. Building Interior, 19 each of 26 ceiling recessed spotlights, do not work even with replaced bulbs were damaged from water filtrations due to heavy rains, 0% work completed. Jorge Miguel Freytes Theater sitting SW area: Building Interior, 304 SF of Theater's cloth covered, 16 FT wide x 19 FT high. Water filtrations stains due to heavy rains, 0% work completed. Jorge Miguel Freytes Theater Stage Area: Building Interior, 1 each of retractable projection screen and movement mechanism, 25 FT wide x 20 FT high. Screen has a water stain in center area of approximately 12 ft (L) x 4 ft (W) were damaged from water filtrations due to heavy rains, 0% work completed. Building Interior, 4 each of backstage fluorescent lamps, 4 FT long x 2 FT wide, with five (5) fluorescent tubes EA were damaged from water filtrations Lamps do not work even with replaced tubes 20 fluorescent tubes in total were damaged due to heavy rains, 0% work completed. Building Interior, 8 SF of ceiling plaster, 2 FT long x 2 FT wide, have water and mold stains at two (2) separate locations plastered ceiling attachment around PVC roof drains pipes due to heavy rain |
| Penuelas | Municipality | 07/16/20 | Building Interior, 8 each of Directors office acoustic tiles, 2 FT long x 2 FT wide, were broken from water filtrations due to heavy rain, 0% work completed. Building Interior, 2 each of Secretary area acoustic tiles, 2 FT long x 2 FT wide, were broken from water filtrations due to heavy rains, 0% work completed. Jorge Miguel Freytes Theater Lobby/Canteen area: Building Interior, 7 each of Lobby/Canteen area acoustic tiles, 2 FT long x 2 FT wide, water filtrations due to heavy rains, 0% work completed. Building Interior, 9 SF of drywall ceiling fascias, 9 FT long x 1 FT wide, drywall ceiling fascia was damaged from water filtrations due to heavy rains creating bubbles, 0% work completed. Jorge Miguel Freytes Theater sitting area: Building Interior, 217.2 SF of Carpeted floor 869 sq. ft, 25% damaged, stage area(49x11) and two (2) hallways carpeted floor (55x3) areas with water and mold stains from water filtrations due to heavy rains, 0% work completed. Building Interior, 187.5 SF of Theater's cloth covered NNW wall, 15 FT long x 12.5 FT high. Water filtrations stains on wall due to heavy rains, 0% work completed. Building Interior, 1 SF of soffit area peeled plaster, 1 FT long x 1 FT wide, due to heavy rains, 0% work completed. Building Interior, 13 each of Theater style black acoustic tiles, 2 FT long x 2 FT wide, were bent or broken from water filtrations due to heavy rains, 0% work completed. | | Unknown | | | | | | | | Building Interior, 8 each of Directors office acoustic tiles, 2 FT long x 2 FT wide, were broken from water filtrations due to heavy rain, 0% work completed. Building Interior, 2 each of Secretary area acoustic tiles, 2 FT long x 2 FT wide, were broken from water filtrations due to heavy rains, 0% work completed. Jorge Miguel Freytes Theater Lobby/Canteen area: Building Interior, 7 each of Lobby/Canteen area acoustic tiles, 2 FT long x 2 FT wide, water filtrations due to heavy rains, 0% work completed. Building Interior, 9 SF of drywall ceiling fascias, 9 FT long x 1 FT wide, drywall ceiling fascia was damaged from water filtrations due to heavy rains creating bubbles, 0% work completed. Jorge Miguel Freytes Theater sitting area: Building Interior, 217.2 SF of Carpeted floor 869 sq. ft, 25% damaged, stage area(49x11) and two (2) hallways carpeted floor (55x3) areas with water and mold stains from water filtrations due to heavy rains, 0% work completed. Building Interior, 187.5 SF of Theater's cloth covered NNW wall, 15 FT long x 12.5 FT high. Water filtrations stains on wall due to heavy rains, 0% work completed. Building Interior, 1 SF of soffit area peeled plaster, 1 FT long x 1 FT wide, due to heavy rains, 0% work completed. Building Interior, 13 each of Theater style black acoustic tiles, 2 FT long x 2 FT wide, were bent or broken from water filtrations due to heavy rains, 0% work completed. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|---|---|
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Building's Exterior Description: Parking area with capacity for approximately 75 cars, including six (6) handicap parking spaces with two (2) handicap ramps. Roof fascia surrounding the building. Concrete structure of approximately 110 ft. (L) x 45 ft. (W) with concrete flat roof. | Caracoles I Sector 2A Street, Quebrada Caiba Ward, Peñuelas, PR 00624 | \$2,916.52 | | | | | 18.05122 | -66.71936 | | No Location/Grouping: Building Exterior, 11,320 SF of exterior paint, 175 FT long x 108 FT wide x 20 FT high, paint peeled 5% and faded 30% due to wind driven rain, 0% work completed. Building Interior, 5 SF of wall plaster from West side entrance, 3 FT long x 1.5 FT wide, detached and broken, 0% work completed. Building Interior, 6,226 SF of Interior walls, 108 FT long x 175 FT wide x 11 FT high, Paint peeled, wrinkled, and stained from water filtrations 30%, 0% work completed. Basketball Court: Building Exterior, 1 each of double metal door, 6.25 FT wide x 8 FT high, bent at the top by high velocity winds, 0% work completed. Building Interior, 1 each of cabinet from canteen area, 32 FT long x 4 FT high, swollen and warped from wind driven rain, 0% work completed. Building Interior, 5,832 SF of wooden floor, 108 FT long x 54 FT wide, warped, swollen, discolored, and bent from wind driven rain, 0% work completed. Building Interior, 2 each of P/V Big Ass Fans Model PV06 ceiling mounted ventilating fans 6 ft (D), broken by wind driven rain, 0% work completed. Building Interior, 7 each of roof exhaust fans, broken by wind driven rain, 0% work completed. Building Interior, 2 each of electronic score boards, short-circuited and broken by wind driven rain, 0% work completed. GymArea: Building Interior, 4 each of wood panels flooring, 8 FT long x 4 FT high, panels |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- An reinforced concrete and concrete blocks structure of one (1) story with various governmental agencies, such as Municipal Police, Elderly Home, and Emergency Management, and Head D118Start Program Office. | Amalia Marin Street, Pueblo Ward, Peñuelas, PR 00624 | \$238.22 | | | | | 18.05767 | -66.72324 | | No Location/Grouping: Building Exterior, 1 each of water reservoir tank, plastic, 300 gal, collapsed and destroyed by high velocity winds, 0% work completed. Elderly Center: Building Exterior, 190 SF of Aluminum awning with frame roof at building entrance, 19 FT long x 10 FT wide, destroyed due to the high winds, 0% work completed. Building Interior, 326.0075 SF of ceiling paint, 22.75 FT long x 14.33 FT wide, filtrations due to the heavy rains, 0% work completed. Building Interior, 648 SF of Wall paint, 72 FT long x 9 FT high, mold and paint damages due to the heavy rains, 0% work completed. Emergency Management Office: Building Exterior, 1 each of Entrance glass door, 3 FT wide x 6.58 FT high, broken glass due to the high winds driven debris, 0% work completed. Municipal Police area: Building Exterior, 3 each of wood rafters of the Wood roof over motorcycles parking area, 10 FT long x 0.17 FT wide x 0.33 FT thick, missing due to the high winds, 0% work completed. Building Exterior, 145 SF of type E, gauge 24 metal sheet over wood roof, 14.5 FT long x 10 FT wide, destroyed by high velocity winds, 0% work completed. Building Exterior, 5 each of Treated Wood panels, 8 FT long x 4 FT wide x 0.5 FT thick, destroyed and missing due to the high winds, 0% work completed. Warehouse Room: Building Interior, 208 SF of roof membrane. |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete four-story building with metal deck roof. | Pedro Vázquez St. Pueblo Ward | \$255,250.49 | | | | | 18.05652 | -66.72312 | | No Location/Grouping: Building Exterior, 184 SF of Paint, 2(6ft x 6ft) + 2(4ft x 4ft) + 2(5ft x 8ft), peeled because of heavy rains, 0% work completed. Building Exterior, 28,080 SF of Roof sedant membrane, 234 FT long x 120 FT wide, was broken because of wind driven rain and high winds, 0% work completed. Building Interior, 8,928 SF of carpet, 144 FT long x 62 FT wide, got wet because of surface water flooding, 0% work completed. Building Interior, 6 each of 7ft (L) x 6ft (W) wooden double doors, got wet because of surface water flooding, 0% work completed. Building Interior, 1 each of Minnesota hydraulic cargo elevator three stops with one velocity for 4,000 pounds capacity, machinery room was flooded and is not working, 0% work completed. Contents, 1 each of wood bench 7.9ft (L) x 3.5ft (W) x 1.25ft (H), legs got wet because of surface water flooding, 0% work completed. Contents, 2 each of round wood tables, 60 IN wide, got wet because of flooding, 0% work completed. Contents, 4 each of Wooden round tables, 48 IN wide, water damage due to the heavy rains causing surface water flooding, 0% work completed. Maintenance Room: Building Interior, 6 each of 2ft x 2ft acoustical ceiling tiles, have water stains because of terrace flooding in the upper floor, 0% work completed. Women Restroom: Building Interior, 7 each of 2 ft x 2 ft |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete one story building with concrete flat roof. | 8 St La Kennedy Development, Coto Ward, Peñuelas | \$861.16 | | | | | 18.0662 | -66.72765 | | No Location/Grouping: Building Exterior, 2 SF of wall plaster, 2 FT long x 1 FT wide, broken from fallen tree, 0% work completed. Building Exterior, 2,860 SF of exterior paint, 286 FT long x 10 FT high, 25% peeled by high velocity winds, 0% work completed. Building Interior, 1 each of TGM mini-split air conditioner, 18,000 BTU, broken due to the high velocity winds, 0% work completed. Building Interior, 2 each of aluminum doors with plastic screens, 3.2 FT wide x 7 FT high, broken hinges and operator due to high velocity winds, 0% work completed. fencing: Exterior Site, 1 each of lattice fence with three (3) horizontal 1 in x 1 in galvanized steel pipes 12 ft (L) EA, 12 FT wide x 4 FT high, bent and broken by high velocity winds, 0% work completed. Exterior Site, 30 SF of plastic lattice over chain link fence, 7.5 FT long x 4 FT wide, bent and broken by high velocity winds, 0% work completed. Exterior Site, chain link fence with one (1) horizontal 2 in (D) galvanized steel pipe along the top, one (1) vertical 2 in (D) galvanized steel pipe 6 ft (H) every 10 ft, and five (5) 45 degrees barwire galvanized steel arms with three (3) barb-wires, 50 FT long, destroyed by fallen trees, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete one story building. Recreational area with a basketball court, passive park and a perimeter chain link fence. | PR-3131 km 2 Multiuse Court, La Vega Sector, Macana Ward | \$268.94 | | | | | 18.07382 | -66.76512 | | Building Exterior, 3,440 SF of Paint, 344 FT long x 10 FT high, faded and spotted (60%) because of heavy rains, 0% work completed. Building Exterior, 150 SF of Metal sheet roof, type E, gauge 24, 30 FT long x 5 FT wide, torn out because of high winds, 0% work completed. Building Exterior, 2-20 ft long drain spout, 40 FT long, were bent and dented because of heavy rains and wind blown debris, 0% work completed. Building Interior, 18 SF of Wood cabinets, 9 FT long x 2 FT wide, got wet because of high winds and heavy rains, 0% work completed. Exterior Site, 972.2222 C/rof landslide, 25 FT long x 15 FT wide x 70 FT high, land collapsed because of heavy rains, 0% work completed. Exterior Site, 1 each of Seesaw seat, torn out because of high winds, 0% work completed. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete one-story building 1,652 SF concrete and metal flat roof | Alluras de Peñuelas IICommunity, Coto Ward, Peñuelas P.R. 00624 | \$1,873.62 | | | | | 18.06154 | -66.73263 | | Building Exterior, 72 SF of Plaster, 9 FT long x 8 FT wide, peeled and broken caused by wind driven rain, 0% work completed. Building Exterior, 18 SF of Side walk, 6 FT long x 3 FT wide, broken by tree fall caused by wind driven rain, 0% work completed. Building Exterior, 1,791 SF of paint, 199 FT long x 9 FT high, paint peeled and rough caused by wind driven rain, 0% work completed. Building Exterior, 1 each of water reservoir, 300 gallons, broken and torn caused by wind driven rain, 0% work completed. Building Exterior, 68.25 SF of Aluminum metal shed, 10.5 FT long x 6.5 FT wide, detached and destroy caused by wind driven rain, 0% work completed. Building Exterior, 13 SF of Main entrance overhang, 13 FT long x 1 FT wide, broken by fall tree, caused by wind driven rain, 0% work completed. Building Exterior, 1 each of Concrete bench at main entrance, 4 FT long x 1 FT wide x 3 FT high, broken by fall tree caused by wind driven rain, 0% work completed. Building Exterior, 1 each of Aluminum down spout, 0.33 FT long x 0.17 FT wide x 8 FT high, broken, detached caused by wind driven rain, 0% work completed. Building Exterior, 1 each of Round 3 in, aluminum down spout, 9 FT long x 0.25 FT wide, broken / detached caused by wind driven rain, 0% work completed. Building Exterior, 1 each of 3 in. PVC pipe, 10 FT long x 0.25 FT wide, |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete one-story building 1,940 SF with concrete flat roof. Damaged windows, paint, and acoustic ceiling | Federal Funds Office, PR 132 Luis Munoz Rivera, Pueblo Ward | \$8,534.84 | | | | | 18.05544 | -66.71283 | | No Location/Grouping: Building Exterior, 2,400 SF of roof ceiling membrane, 60 FT long x 40 FT wide, Broken due to heavy rain and strong winds, 0% work completed. Building Exterior, 2 each of wooden casement windows, 4 FT long x 5 FT wide, Broken due to heavy rain and strong winds, 0% work completed. Building Exterior, 12 SF of Paint on walls, 6 FT long x 2 FT wide, Exterior walls peeling due to heavy rain and high winds, 0% work completed. Building Interior, 12 each of acoustic Tiles (2ft x 4ft) from end of hallway and men's restrooms, broken due to heavy rains, 0% work completed. Accountability Office: Contents, 2 each of modular office desks 6 FT (L) x 2.5 FT (W), stained and warped from water leakage from ceiling due to heavy rain and high winds, 0% work completed. Contents, 1 each of fabric covered modular partition(5ft x 5ft) in between desks, stained due to heavy rains, 0% work completed. Reception Area : Building Interior, 3 each of (2ft x 4ft) Acoustic Tiles, Broken due to heavy rain and high winds, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete one-story building, damaged chain linked fencing, with concrete ceiling plaster bubbling. | PR-132Km 15 Interior, Tallaboa Alta IHead Start Center | Unknown | | | | | 18.05014 | -66.7005 | | Building Exterior, 420 SF of Type E metal, gauge 24 sheet roof with filtration's, 30 FT long x 14 FT wide, Terrace roof displaced and has filtration's due to strong winds and heavy rain, 0% work completed. Building Exterior, 130 SF of Corrugated sheet metal roof, gauge 26, 10 FT long x 13 FT wide, Warehouse roof displaced and has filtration's due to strong winds and heavy rain, 0% work completed. Building Interior, 2.5 SF of Concrete ceiling plaster, 2.5 ft x 1ft, bubbles in kitchen and center room, caused by strong winds and heavy rain, 0% work completed. Exterior Site, 1 each of Chain link fence with one 2 inch vertical galvanized steel pipe 6 ft (H) every 10 ft and one 2 inch horizontal pipe along the top, 30 FT long, Broken from tree falls, caused by strong winds and heavy rain, 0% work completed. Exterior Site, 1 each of Play ground rubber floor, 4.5 FT long x 5.5 FT wide, Rubber floor lifted up, caused by strong winds and heavy rain, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Concrete two-story building 2,700 SF with concrete flat roof. Broken elevator's acrylic glass. | PR-132 Pueblo Ward, Peñuelas, PR | \$7,356.59 | | | | | 18.05985 | -66.72324 | | Building Damage: Building Exterior, 4 each of acrylic panel from elevator, 4 FT long x 4 FT wide, broken from high velocity winds, 0% work completed. Building Exterior, 2,200 SF of paint, 110 FT long x 20 FT wide, 10% chipped and stained from high velocity winds and wind driven rain, 0% work completed. Building Exterior, 1 each of wooden casement window, 5 FT long x 3.75 FT wide, torn from high velocity winds and wind driven rain, 0% work completed. Building Exterior, 1,908 SF of kitchen and restrooms building paint, 36 FT long x 53 FT wide, 5 % peeled from high velocity winds and wind driven rain, 0% work completed. Building Exterior, 750 SF of roof sealing membrane, 30 FT long x 25 FT wide, broken and peeled from high velocity winds and wind driven rain, 0% work completed. Building Exterior, 1 each of solid wood double door, 6 FT wide x 7 FT high, warped from high velocity winds and wind driven rain, 0% work completed. Building Exterior, 1 each of solid wood door, 7 FT long x 3 FT wide, warped from high velocity winds and wind driven rain, 0% work completed. Building Interior, 1 each of storage closet wood shelving, 5 FT long x 2 FT wide x 9 FT high, broken from high velocity winds and wind driven rain, 0% work completed. Building Interior, 750 SF of ceiling paint, 30 FT long x 25 FT wide, humidity stained from high velocity winds and |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- Downtown Security System Cameras | Downtown Security System Cameras | Unknown | | | | | 18.0565 | -66.7232 | | Equipment, 14 each of Model PTZ Downtown Security System Cameras, ten (10) in Luis Muñoz Rivera Sport complex, two (2) in Public Square, two (2) in Pedro Albizu Campos Passive Park, and three (3) in Elena Gutierrez Fine Arts Building, 14 destroyed due to the high winds and heavy rains, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Buildings and Equipment- During the incident period that started on September 17, 2017 to November 15, 2017, heavy rains, high velocity winds, and rushing flood waters caused by hurricane Maria, caused damages to the Municipal Garages, located at Coto Ward, Peñuelas. At the site inspection, there was evidence of damage to many of the sheet metal roofs, including the Mechanics Shop, Cardboard Compactor, Fuel Dispatch Area, among others. | Municipal garages, Coto Ward Peñuelas, PR | \$40,378.29 | | | | | 18.06443 | -66.74054 | | Car wash area: Building Exterior, 390 SF of galvanized steel sheet roof, 30 FT long x 13 FT wide, 80% torn and destroyed by high velocity winds, 0% work completed. Building Exterior, ridge cap, 13 FT long x 1 FT wide, 100% torn and destroyed by high velocity winds, 0% work completed. Building Exterior, 4 each of galvanized steel purfins, 13 FT long, torn and destroyed by high velocity winds, 0% work completed. Cardboard compactor area: Building Exterior, 300 SF of metal sheet siding from the roof down, 60 FT long x 5 FT wide, 75% destroyed by high velocity winds, 0% work completed. Building Exterior, Galvanized 1 in x 2 in square pipes (girts), 76 FT long, one (1) 13.5 FT (L), detached and bent, one (1) 15.5 FT (L), detached and bent, and three (3) 15.5 FT (L), destroyed due to high velocity winds, 0% work completed. Building Exterior, flashing around metal sheet roof, 76 FT long, destroyed by high velocity winds, 0% work completed. Building Exterior, 352 SF of metal sheet roof, 22 FT long x 16 FT wide, 25% destroyed by high velocity winds, 0% work completed. |



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| Penuelas | Municipality | 07/16/20 | Buildings and Equipment- Elena Rivera Gutiérrez Fine Arts Center | Juan Rodriguez St. Pueblo Ward, Peñuelas, PR 00624 | \$94,960.43 | | | | | 18.05668 | -66.7206 | | Elena Rivera Gutiérrez Fine Arts Center Library area: Building Interior, 4 SF of Drywall ceiling with stucco finish, 2 FT long x 2 FT wide, broken in area water stained and peeled on due to high velocity winds, 0% work completed. Building Interior, 2 SF of Drywall ceiling, 2 FT long x 1 FT wide, water stained and peeled torn due to high velocity winds, 0% work completed. Building Interior, 30 SF of Drywall ceiling, 6 FT long x 5 FT wide, area with mold stains when roof drain cover was torn due to high velocity winds, 0% work completed. Building Interior, 12 SF of Drywall fascia to cover A/C duct, 6 FT long x 2 FT wide, water stained in four areas, the first area from water filtrations due to heavy rains, 0% work completed. Building Interior, 2.5 SF of Drywall fascia to cover A/C second area, 2.5 FT long x 1 FT wide, from water filtrations due to heavy rains, 0% work completed. Building Interior, 3.75 SF of Drywall fascia third area to cover A/C duct, 2.5 FT long x 1.5 FT wide, from water filtrations due to heavy rains, 0% work completed. Building Interior, 6 SF of Drywall fascia to cover A/C duct fourth area, 3 FT long x 2 FT wide, water filtrations due to heavy rains, 0% work completed. Building Interior, 1.5 SF of Drywall partition behind drywall fascia, 1.5 FT long x 1 FT wide. |
| Penuelas | Municipality | 07/16/20 | Buildings and Equipment-The Alturas De Peñuelas IICommunity Center was functional and in use before Hurricane Maria 2017.The Municipality rents the building to local citizens to host celebrations, meetings and gatherings. | Alturasde Peñuelas IICommunity Center Alturas de Peñuelas II, Coto Ward Peñuelas, Puerto Rico 00624 | Unknown | | | | | 18.06142 | -66.73263 | | Building Damage: Building Exterior, 2 each of light fixtures(wall light pack), under soffit, broken by wind driven rain, 0% work completed. Building Exterior, Displaced Metal roof panels (N) side, 76 FT long, by wind driven rain, 0% work completed. Building Exterior, 2,340 SF of External building point, 234 FT long x 10 FT high, Approximately 20 % peeled and faded caused by wind driven rain, 0% work completed. Building Interior, 29 each of 2ft X 2ft Acoustic tiles, Broken(destroy) by water filtrations, 0% work completed. Building Interior, 0,425 SF of plaster in a top of an entrance door, 2.5 FT long x 0.17 FT wide, cracked by wind driven rain, 0% work completed. Exterior Site, Chain link fence with (1) 2in. vertical galvanized pipe, 6ft (H) and every 10ft and (1) 2in. horizontal galvanized pipe along the entire top, 120 FT long, torn caused by high winds, 0% work completed. |
| Penuelas | Municipality | 07/16/20 | Buildings and Equipment- This facility is a Head Start Center (pre-school age education). It is a reinforced concrete building with a Galvalume roof, and a playground onsite. | Quebrada Ceiba Ward Penuelas, Puerto Rico 00624 | Unknown | | | | | 18.05661 | -66.71705 | | Building Damage: 1. Roof: A) Galvalume Metal: Building Exterior, Galvalume Roof, 43.2 FT long x 18 FT wide, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility (Room One), 100% work completed. 2. RoomOne: A) Ceiling Grid: Building Interior, Suspended Aluminum Ceiling Grid, 43.2 FT long x 18 FT wide, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Trapped water on the acoustic tiles caused the ceiling grid to loosen from its anchors and attachments, 0% work completed. B) Ceiling Tiles: Building Interior, 64 SF of 2 ft x 4 ft Acoustic Tiles (8 Acoustic Tiles), High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the ceiling tiles caused deterioration, warping, and microbial growth (mold), 100% work completed. C) Ceiling Light Fixtures: Building Interior, 4 each of 2 ft x 4 ft Aluminum Housing Fluorescent Light Fixtures (Four 4 ft Fluorescent Bulbs Each), High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the light fixtures caused them to malfunction, 100% work completed. |
| Penuelas | Municipality | 07/16/20 | Concrete low water crossing consisting of 1- 48 inches diameter concrete pipe connected to a 48 inches diameter corrugated metal pipe; and, a top layer of asphalt pavement. | PR-386 km.3.1 Int, Maldonado Sector, Jaguas Ward | \$16,137.20 | | | | | 18.08374 | -66.72809 | | Low Water Crossing Road Damage: Surface, 5,9689 CYof Asphalt pavement, 79 FT long x 12 FT wide x 0.17 FT thick, washed out due to surface water flooding, 0% work completed. Base, 11,5867 CYof Binder course, 79 FT long x 12 FT wide x 0.33 FT thick, washed out due to surface water flooding, 0% work completed. Sidewalk, 2,6667 CYof concrete sidewalk, 6 FT long x 3 FT wide x 4 FT thick, broken due to surface water flooding and rushing waters, 0% work completed. Concrete pipe, 48 inches diameter, 4 FT long, collapsed due to rushing waters, 0% work completed. Corrugated Metal Pipe, 48 inches diameter, 17 FT long, broken due to rushing waters, 0% work completed. |
| Penuelas | Municipality | 07/16/20 | Elena Rivera Gutiérrez Fine Arts Center Municipal Legislature Office area: Building Interior, 8 SF of Drywall ceiling, 4 FT long x 2 FT wide, Peeling from water filtrations due to heavy rains, 0% work completed. Building Interior, 1 SF of Drywall ceiling second area of approximately 1 ft (L) x 1 ft (W), 1 FT long x 1 FT wide, water filtrations due to heavy rains, 0% work completed. Building Interior, 10 SF of Drywall ceiling a third area, 5 FT long x 2 FT wide, from water filtrations due to heavy rains, 0% work completed. Building Interior, 14 SF of NW drywall partition, 7 FT long x 2 FT wide, Winkled paint and water stained drywall partition in area from water filtrations due to heavy rains, 0% work completed. Elena Rivera Gutiérrez Fine Arts Center Roof Area: Building Exterior, 8,064 SF of Asphalt roof sealant membrane, 160 FT long x 56 FT wide, asphalt sealant membrane degraded and discolored. There were three areas, the West side of the theater's lobby, the library's roof area, and the SW stairs' roof area where an additional polyurethane sealant membrane, which was also degraded, was installed on top of the original asphalt membrane. In addition, the roof drains were clogged due to the debris brought by high winds creating rain water accumulation | | Unknown | | | | | | | | Elena Rivera Gutiérrez Fine Arts Center Municipal Legislature Office area: Building Interior, 8 SF of Drywall ceiling, 4 FT long x 2 FT wide, Peeling from water filtrations due to heavy rains, 0% work completed. Building Interior, 1 SF of Drywall ceiling second area of approximately 1 ft (L) x 1 ft (W), 1 FT long x 1 FT wide, water filtrations due to heavy rains, 0% work completed. Building Interior, 10 SF of Drywall ceiling a third area, 5 FT long x 2 FT wide, from water filtrations due to heavy rains, 0% work completed. Building Interior, 14 SF of NW drywall partition, 7 FT long x 2 FT wide, Winkled paint and water stained drywall partition in area from water filtrations due to heavy rains, 0% work completed. Elena Rivera Gutiérrez Fine Arts Center Roof Area: Building Exterior, 8,064 SF of Asphalt roof sealant membrane, 160 FT long x 56 FT wide, asphalt sealant membrane degraded and discolored. There were three areas, the West side of the theater's lobby, the library's roof area, and the SW stairs' roof area where an additional polyurethane sealant membrane, which was also degraded, was installed on top of the original asphalt membrane. In addition, the roof drains were clogged due to the |
| Penuelas | Municipality | 07/16/20 | Flood | Tallaboa Alta neighborhood, Cuebas | Unknown | | | | | 18.050419 | -66.715616 | | |
| Penuelas | Municipality | 07/16/20 | Flood | Snails, Tallaboa Alta | Unknown | | | | | 18.050966 | -66.70569 | | |
| Penuelas | Municipality | 07/16/20 | Flood | Quebrada Ceiba neighborhood, Caracoles I, II, III sectors | Unknown | | | | | 18.058868 | -66.705018 | | |
| Penuelas | Municipality | 07/16/20 | Flood | Pedro Velazquez Diaz Sector | Unknown | | | | | 18.56754 | -66.740759 | | |
| Penuelas | Municipality | 07/16/20 | Flood | Macaná neighborhood, Tallaboa Alta neighborhood | Unknown | | | | | 18.059372 | -66.685858 | | |
| Penuelas | Municipality | 07/16/20 | Flood, Runoff | Quebrada Ceiba, Highway PR-132 (Near Public Works) | Unknown | | | | | 18.061925 | -66.723562 | | |



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| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Channel with Gabions in Moca Community 1 | \$3,900,000.00 | | | | | 18.055793 | -66.696607 | | |
| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Improvements to the Tallaboa Alta Community Canal from Calle B across Calle D. | \$250,000.00 | | | | | 18.053196 | -66.701569 | | |
| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Runoff Improvements in the Tallaboa Alta Community on the state highway PR-132. | \$3,900,000.00 | | | | | 18.0500236 | -66.686933 | | |
| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Runoff improvements in the exit sector from Penuelas to Ponce. | \$900,000.00 | | | | | 18.042132 | -66.726479 | | |
| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Improvements to the Runoff Drainage in the Caracoles III Community next to the old Business the Cerezo tree up to the Tallaboa River. | \$2,000,000.00 | | | | | 18.055014 | -66.716135 | | |
| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Alturas urbanization between calle 20 and Esquina calle 19. | \$800,000.00 | | | | | 18.061785 | -66.73 | | |
| Penuelas | Municipality | 07/16/20 | Flooding by runoff waters. | Improvement of a pluvial design in the Coto Quebrada Community from street 2 in front of the Guaguas garage to Mr. Mantilla's estate. | \$2,900,000.00 | | | | | 18.061964 | -66.740655 | | |
| Penuelas | Municipality | 07/16/20 | Landslides and Landslides | Barreal neighborhood, Macaná, Jaguas, Rucío | Unknown | | | | | 18.102768 | -66.696708 | | |
| Penuelas | Municipality | 07/16/20 | Landslides and Landslides | Jaguas neighborhood | Unknown | | | | | 18.078195 | -66.737005 | | |
| Penuelas | Municipality | 07/16/20 | Landslides and Landslides | Macaná neighborhood | Unknown | | | | | 18.06348 | -66.75011 | | |
| Penuelas | Municipality | 07/16/20 | Landslides and Landslides | Pedro Velazquez Diaz Sector | Unknown | | | | | 18.056754 | -66.740759 | | |
| Penuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- 87 ft (L) x 45 ft (W) Basketball Court consisting of a 15 ft (L) x 15 ft (W) gazebo with metal sheet roof, 2- 25 ft (H) metal lighting poles, concrete bleachers and benches, 150 ft (L) of guardrails and a chain link fence along the perimeter. | PR-386 km 0.3 Branch, B Street, Kennedy Sector, Pueblo Ward | \$5,145.66 | | | | | 18.06611 | -66.72733 | Facility Damage: Fencing, 6 ft (H) Chain link fence consisting of 2 inches diameter vertical galvanized steel pipe every 10 ft and, top and middle horizontal 1.5 in diameter galvanized pipe for support... 22 FT long, was bent because of wind blown debris, 0% work completed. Fencing, 0.0611 CY of concrete parapet for chain link fence, 10 FT long x 0.33 FT wide x 0.5 FT high, broken due to a collapsed tree, 0% work completed. Gazebo, 144 SF of paint on 4 concrete columns- 1.5 ft (L) x 1.5 ft (W) x 6 ft (H) each, 25% was damaged due to wind driven rain and wind blown debris, 0% work completed. Guardrail, 3.5 ft high guardrail consisting of 3 horizontal - 2 in. diameter galvanized steel pipes and one vertical every 10 ft, 10 FT long, was bent due to wind blown debris, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- A place where the community can gather for educational, recreational and/or social activities. | La Carcajada Communal Center, Macana Ward | \$4,162.87 | | | | | 18.0568 | -66.76758 | Building Damage: fence: Exterior Site, Chain link fence with 2in galvanized steel pipe 6ft (H) every 10ft for vertical support, and one 2in galvanized steel pipe along the top for horizontal support, 80 FT long x 6 FT high, torn-distorted by rushing flood water with debris, 0% work completed, paint: Building Exterior, 2,100 SF of exterior paint, 210 FT long x 10 FT high, 10% paint peeled due to wind driven rain and debris, 0% work completed, power: Building Exterior, 1 each of rigid pipe weather head, 6 FT long x 0.17 FT wide, torn/collapsed caused by wind driven rain, 0% work completed, roof: Building Exterior, 350 SF of 26 gauge corrugated zinc sheet metal, 25 FT long x 14 FT wide, torn away by wind driven rain and debris, 0% work completed, Building Exterior, 18 each of wooden rafters, 44 FT long x 0.5 FT wide x 0.17 FT thick, torn/destroy caused by wind driven rain and debris, 0% work completed, Building Exterior, 15 each of wooden battens, 20 FT long x 0.33 FT wide x 0.17 FT thick, torn-destroy caused by wind driven rain, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Baseball Park with two (2) roofed dugouts, bleachers, and canteen, Chain link fence surrounding park. | Juncos Sector, Tallaboa Poniente Ward, Penuelas, PR 00624 | \$53,746.11 | | | | | 18.03272 | -66.73012 | No Location/Grouping: Lighting, 42 each of lighting fixtures, 1,500 Watt, Misaligned due to high velocity winds, 0% work completed, behind center field: Fencing, 660 SF of behind left and center field chain link fence with one (1) vertical 2 in galvanized pole 6 ft (H) every 10 ft and one (1) horizontal 2 in galvanized pole along the length of the fence, 110 FT long x 6 FT high, damaged due to high velocity wind and rushing flood water, 0% work completed, Fencing, 100 SF of Cinder block wall supporting right field chain link fence, 50 FT long x 2 FT high, broken cinder blocks due to high velocity wind, wind driven rain and rushing flood water caused the blocks to be compromised were the fence post were inserted into the cinder blocks, 0% work completed, behind left field: Fencing, 600 SF of chain link fence with one (1) vertical 2 in galvanized pole 6 ft (H) every 10 ft and one (1) horizontal 2 in galvanized pole along the length of the fence, 100 FT long x 6 FT high, broken due to high velocity winds, 0% work completed, behind right field: Fencing, 2,900 SF of chain link fencing with one (1) vertical 2 in galvanized pole 10 ft (H) every 10 ft and two (2) horizontal 2 in galvanized poles along the length of the fence, 290 FT long x 10 FT high, collapsed due to high velocity winds, 0% work completed, bleachers area: Bleachers, 504 SF of Metal sheet roof, 42 FT | |
| Penuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- The facility is a one (1) story concrete building with a concrete roof and metal sheet roof over the original, the dimension is 44.75 ft. (L) X 43.5 ft. (W) X 10 ft. (H). | Sabana Palma Sector, Tallaboa Poniente Ward Penuelas, PR 00624 | Unknown | | | | | 18.03224 | -66.73003 | Building Damage: ceiling: Building Interior, 4 each of ceiling fans, damaged due to wind driven rain and high velocity winds, 0% work completed, ceiling plaster: Building Interior, 2.25 SF of ceiling plaster, 1.5 FT long x 1.5 FT wide, bubbled due to high velocity winds and wind driven rain, 0% work completed, center of main room: Building Exterior, 6 SF of soffit plaster, 3 FT long x 2 FT wide, had a bubble on the ceiling at the center of the room damaged due to wind driven rain, 0% work completed, Radomareas: Building Exterior, 88 SF of peeling paint 5%, damaged to the exterior of the building due to high velocity wind, wind driven rain and rushing flood water, 0% work completed, roof: Building Exterior, 2,410 SF of roofing sheet metal, (58.75 FT L X 40.5 FT W) + (13.75 FT L X 3 FT W), Detached due to high velocity winds, 0% work completed. | |



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| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items - Baseball park used for various leagues and tournaments, also for citizens from Santo Domingo Ward and adjacent sectors. It consists of two Galvanized aluminum sheet roofed bleachers, two (2) concrete dugouts, and a two stories building for canteen and baths in the first floor, and transmission room, in the second floor. It is also lighting by eight (8) post of forty (40) foot high. The field is covered by lawn, and fenced by chain link. | PR 132 Int. Santo Domingo IICommunity, Santo Domingo Ward, Peñuelas, PR 00624 | \$454.53 | | | | | 18.0667 | -66.75011 | Facility Damage: Fencing, Chain link fence of twenty (20) foot length and six (6) foot height, 20 LF long, destroyed due to fallen trees, 0% work completed. Fencing, Ornamental iron 0.08 ft. x 0.08 ft. pipe fence of ten (10) foot length and six (6) foot height, 10 FT long, destroyed due to fallen trees, 0% work completed. Lighting, 2 each of Two (2) lighting posts located one (1) in Right field and another one (1) in Center field, 40 FT high, inclined due to the high winds, 0% work completed. Lighting, 2 each of Halogen bulb lighting fixtures located at the entrance metal roof, 100 Watt, torn due to the high winds, 0% work completed. Bleachers, 6 each of drain pipes three (3) at the East side bleachers and another three (3) at West side bleachers, 0.33 FT long x 0.17 FT wide x 16 FT high, detached due to the high winds, 0% work completed. Tensioners, 1 each of tensioner, 16 FT long, missing due to the high winds, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items - Concrete Pier dimensions are approximately 86 ft. (L) x 12 ft. (W). Main deck floor composed of concrete slabs 12 ft. (L) x 1.50 ft. (W) x 0.50 ft. (H) over a concrete pile cap. Three (3) iron anchorage posts 1.5 ft. (H). Two (2) iron lighting posts with a concrete base 1.5 ft. (L) x 1.5 ft. (W) x 0.50 ft. (H) EA. Wood beam 0.33 ft. x 0.33 ft. x 82 ft. (L) along deck's West side. | El Boquete Sector, Encarnacion Ward, Peñuelas, PR 00624 | Unknown | | | | | 17.98963 | -66.71641 | Facility Damage: Deck Floor, 48 SF of Main deck floor concrete slab, 4 FT long x 12 FT wide. Slabs eroded at pier's South end, 0% work completed. Deck floor, 12 SF of Main deck floor concrete slabs, 4 FT long x 3 FT wide, Slabs eroded at pier's entrance on North-West side corner, 0% work completed. Deck floor, 100 SF of Main deck floor concrete slabs, 25 FT long x 4 FT wide, Slabs eroded at North-East corner, 0% work completed. Lighting Post, 1 each of Lighting post electrical connection, Detached from concrete pile cap and hanging loose caused by high velocity winds and heavy rains during the course of the hurricane Maria, 0% work completed. Concrete bases, 2 each of for both lighting posts on main deck, 1.5 FT long x 1.5 FT wide x 1.5 FT high, vertical crack from top to bottom, 0% work completed. Pile cap, 1 each of West side, 30 FT long x 1 FT high, eroded, 0% work completed. Pile cap, 1 each of East side, 14 FT long x 1.5 FT high, eroded, 0% work completed. Pile cap, 1 each of connection to concrete ramp, 12 FT long x 1.5 FT high, cracked around pile cap dimensions, 0% work completed. Ramp, 1 each of Concrete, 1 FT long, horizontal crack, 0% work completed. Wood planks, 1 each of wood planks, 3 FT long, detached and lifted, 0% work completed. Deck, 1 each of wooden deck, 6 FT long, sunken area, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- A place where the community can gather for equational, recreational and/or social activities. | Pedro Velazquez Street Peñuelas, PR 00624 | \$21,548.27 | | | | | 18.06397 | -66.71066 | Building Damage: Building Exterior, 984 SF of metal sheet roof type E gauge 24, 41 FT (L) X 24 FT (W), was blown away due to hurricane force winds, 0% work completed. Building Exterior, 1,640 SF of paint, 144 FT long x 10 FT high, 15% peeled due to hurricane force winds with debris, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Baseball Park | Encarnacion Ward, Peñuelas, PR 00624 | \$2,738.54 | | | | | 17.99742 | -66.72055 | North and West side: Bleachers, 624 SF of Paint of concrete bleachers, 104 FT long x 6 FT high, damaged due to high velocity winds, 0% work completed. North and West side: Bleachers, 16.5 SF of plaster on concrete bleachers, 16.5 FT long x 1 FT wide, Torn plaster due to heavy rain and high winds, 0% work completed. South & East side: Lighting, 8 each of 1500 Watts lighting fixtures of two (2) poles, are not working due to damages caused by high velocity winds, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Basketball court consisting of metal deck roof, concrete slab, ten WF columns, and an extension roof for bleachers with 5 bleachers. | El Hoyo Sector, Tallaboa Alta Ward | \$9,384.22 | | | | | 18.05345 | -66.70436 | No Location/Grouping: Fencing, 6ft high perimeter chain link fence consisting of 2 in diameter galvanized steel pipe every 10 ft and, a top and bottom horizontal pipe along the length, also a concrete curb at the bottom 0.5 in wide and 1 ft high, 40 FT long, broken by high winds, 0% work completed. Fencing, 0.55% CY of Concrete curb at the bottom of chain link fence, 30 FT long x 0.5 FT wide x 1 FT high, collapsed because of tree damage, 0% work completed. Metal deck roof: Lighting, 1 each of 1500 Watts Metal Halide Spotlight- 1 FT diameter, missed the cover because of high winds, 0% work completed. Lighting, 1 each of 1500 Watts Metal Halide Spotlight- 1 FT diameter, torn out because of high winds, 0% work completed. Gutter, 4 IN x 2.5 IN aluminum gutter, 4 FT long, broken because of high winds, 0% work completed. Drain spouts, Type K style, 3 IN x 4 IN aluminum drain spouts, 86 FT long, broken because of high winds and wind driven rain, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Community Center that was used by the community before the disaster. Located in a Flood Hazard Zone X | Barreal Communal Center, Bo. Barreal, Peñuelas PR | Unknown | | | | | 18.08623 | -66.74832 | No Location/Grouping: Building Exterior, 1 each of 2IN Diameter Electrical Metal Pipe with Weather head, 3 FT high, Broken due to high velocity winds, 0% work completed. Building Exterior, 584.4 SF of Exterior walls building Paint, 2 (43.42 ft + 43.67 ft w) x 13.42 ft h, 25% peeled, Damaged exterior concrete walls paint due to high velocity winds driven debris and rain, 0% work completed. Exterior Site, 90 SF of Painting for Concrete Fence, 18 FT long x 5 FT high, Damaged due to high velocity winds and wind driven rain, 0% work completed. North Side: Exterior Site, Chain-link fence: composed of gauge 9 wire mesh, one (1) line of horizontal galvanized steel tube (sch. 40) of 1.25 IN diameter and vertical tubes (sch. 40) of 2 IN diameter every 10 FT. Embedded in a concrete base, 40 FT long x 5 FT high, Broken due to high velocity winds and wind blown debris, 0% work completed. Roof: Building Exterior, 7 each of Corrugated Metal Panels: Gauge 26, 8 FT long x 3 FT wide, Bent due to high velocity winds, 0% work completed. South Side : Exterior Site, Chain-link fence: composed of gauge 9 wire mesh, Galvanized Top Rail (sch.40) of 1.25 IN diameter and vertical post (sch. 40) of 2 IN diameter every 10 FT. Embedded in a concrete base, 30 FT long x 6 FT high, Broken due to high velocity winds and wind blown debris, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Concrete one-story building 1,740 SF with concrete flat roof. | PR.391 KM3.8 Int. Los Muniz sector, Rucio Ward | Unknown | | | | | 18.07382 | -66.695 | Building Damage: Building Exterior, 1 each of metal door at main entrance temporarily replaced by wood panel, 3.3 FT wide x 8 FT high, torn because of high winds, 0% work completed. Building Interior, 525 SF of ceiling plaster, 35 FT long x 15 FT wide, fell due to heavy rain (humidity), 0% work completed. Exterior Site, 5 FT high chain link fence with 2 IN diameter galvanized steel posts every 10 FT and a top horizontal pipe along its perimeter, 150 FT long, collapsed due to high winds, 0% work completed. Exterior Site, 1 each of chain link gate, 26 FT long x 5 FT high, torn due to high winds, 0% work completed. | |



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| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Cuesta Blanca Basketball Court, approximately 90.5 ft (L) x 45 ft (W) used by the Cuesta Blanca Sector community. | PR 383 KM 1.4, CUESTA BLANCA SECTOR, QUEBRADAS WARD, PEÑUELAS, PR 00624 | \$4,155.03 | | | | | 18.0558 | -66.73329 | No Location/Grouping: Bleachers, 130 SF of concrete both sides (260 SF), approximately 30% paint peeled (78 SF x 2 = 156 SF), 20 FT long x 6.5 FT wide, high velocity winds, 0% work completed. Steel Cross Bracing Cables, 4 each of loosened, due to high velocity winds, 0% work completed. Basketball Court: Athletic Fields, 4,477.5 SF of basketball concrete floor has approximately 50% of paint peeled or faded (2238.75 SF), 99.5 FT long x 45 FT wide, high velocity winds, 0% work completed. South side: Fencing, 250 SF of chain link fence with one (1) 2 in galvanized steel pipe on top for horizontal support and one (1) 2 in galvanized steel pipe 5 ft (H) every 10 ft for vertical support, 50 FT long x 5 FT high, was damaged due to a fallen tree, 0% work completed. South side - West corner pipe, Center pipe East corner pipe, North side - West corner pipe: Drain pipes, 4 each of aluminum 3 inch, 15.5 LF torn, due to high velocity winds, 0% work completed. Tapered Wide Flange : Pavilion, 10 each of tapered wide columns, 120 SF, 20 FT long x 1 FT wide, wind driven rain, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- Passive park with two (2) wood roofed octagonal Gazebos, and playground, fenced by chain link fences | Maldonado neighborhood, Rabo del Buey Street, Los Chinos Sector, Pueblo Ward, Peñuelas, PR 00624 | \$4,890.19 | | | | | 18.05995 | -66.72117 | No Location/Grouping: Fencing, Chain link fence with one (1) 0.17 foot galvanized steel pole six (6) foot (H) every ten (10) and one (1) 0.17 galvanized steel pole along the top, 150 LF long, at North boundary of park leaning towards the river due to the tree damage and rushing flood waters, 0% work completed. Gazebo I: Covered Shelters, 1 each of Octagonal Wooden roof 19.5 foot (D) x 0.5 foot (T), 298 square foot, 25% damaged due to the heavy rains and high winds, 0% work completed. Gazebo II: Covered Shelters, 1 each of Octagonal Wooden roof 19.5 foot (D) x 0.5 foot (T), 298 square foot, 75% damaged due to the heavy rains and high winds, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- The baseball stadium has a statue of Luis "Lito" Arroyo. It has a seating capacity of 1,200. It is used for practice and play of amateur baseball. It has bleachers, a canteen, ticket booth, VIP Room, batting cage, warming track and a maintenance warehouse shed. | 2A Street, Caracoles Sector, Quebrada Ceiba Ward, Peñuelas, PR 00624 | \$1,505,483.49 | | | | | 18.0523 | -66.71809 | No Location/Grouping: Maintenance warehouse shed, 240 SF of metal sheet roof, 20 FT long x 12 FT wide, torn off due to high velocity wind and wind driven rain, 0% work completed. attached to concrete walls surrounding the stadium: Fencing, 2 each of iron sheet doors, 10 FT long x 9 FT wide, doors and wall attachments torn due to high velocity wind and wind driven rain, 0% work completed. baseball field: Park Equipment, 1,260 SF of batting cage rubber floor covering, 40 FT long x 21 FT wide, destroyed by rushing water, high velocity winds and wind driven rain, 0% work completed. Park Equipment, 1 each of electronic score board, 36 FT long x 6 FT high, destroyed due to high velocity wind and wind driven rain, 0% work completed. Park Equipment, 1,008 SF of Batting cage area net, 60 FT long x 21 FT wide, 80% destroyed due to high velocity wind and wind driven rain, 0% work completed. Fencing, 96 SF of chain link fence with one (1) vertical 2 in galvanized support pipe 4 ft (H) each every ten (10) feet and one (1) horizontal 2 in galvanized steel pipe on top along the entire fence, 24 FT long x 4 FT high, collapsed due to rushing flood water, high velocity wind and wind driven rain, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- The Complex is used to host athletic competitions and municipal festivals to train, to play tennis, skateboard, lift weight and exercise | PR-385, Cuebas Ward, Peñuelas, PR 00624 | \$650.51 | | | | | 18.04609 | -66.71958 | Athletic field: Fencing, 120 SF of chain link fence with one (1) vertical 2 in galvanized steel pole 3 ft (H) every 10 ft and one (1) horizontal 2 in galvanized steel pole on top along the length of the fence, 40 FT long x 3 FT high, damaged from free fall due to rushing flood water, high velocity wind and wind driven rain, 0% work completed. Benches, 3 each of metal sitting benches, 9 LF long, torn due to high velocity wind and wind driven rain, 0% work completed. Athletic Field : Signage, 1 each of facilities metal name sign, 40.5 FT long x 4 FT wide, torn due to high velocity wind and wind driven rain, 0% work completed, professional running track: Athletic Fields, 1 each of synthetic flooring, oval, eight (8) lanes, 400 M long, holes in 1 % of track, color washed out scrapes and warping in 30 % of the track due to rushing floodwater, high velocity wind and wind driven rain, 0% work completed. Athletic Fields, 1 each of 40 ft (H) lighting poles with eight (8) lighting fixtures EA, 1,500 Watt, one (1) was loosened of the base due to rushing flood waters, high velocity wind, wind driven rain, 0% work completed. Athletic Fields, Aluminum 1 IN x 1 IN square railing at inner edge of track number one (1) , 58 FT long, detached 80 % and bent due to high velocity winds, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- The facility is an parcel of land dedicated to cemetery, very close to Downtown Peñuelas, it is fenced and contained an entry receiving area of 16 ft (L) x 29.5 ft (W), like a Chapel. This facility was in operations at the date of the event. | 195 Pedro Velazquez Street (PR 383), Peñuelas, PR 00624 | \$5,510.58 | | | | | 18.05599 | -66.72429 | No Location/Grouping: Fencing, concrete retaining wall 6 FT (H) with concrete 1ft x 1 ft columns every 8.5 ft, plastered and painted, and a 16 SF painted ornamental galvanized steel fabrication over fence, 85.42 FT long, collapsed and destroyed due to the heavy rains and high winds, 0% work completed. Lighting, 1 each of wall mounted light bulb receptacle fixture in front of storage room, destroyed due high winds, 0% work completed. Covered Shelters, 1,164 SF of concrete walk, 97 FT long x 12 FT high, 20% of paint peeled due to the high winds and heavy rains, 0% work completed. Covered Shelters, 2 each of Wood Hollow core doors for restrooms, 2.33 FT wide x 7 FT high, destroyed by high winds, 0% work completed. Covered Shelters, 1 each of main electrical panel, small transfer switch, and weatherhead connection, torn and collapsed due to the high winds, 0% work completed. Roof: Covered Shelters, 520 SF of Type E panel - gauge 24 metal sheet roof, 32.5 FT long x 16 FT wide, destroyed and torn due high winds, 0% work completed. Covered Shelters, 8 each of 0.33 ft x 0.33 ft wood roof rafters, 16 FT long, torn and split due to the high winds, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- The Santo Domingo Community Center was functional and in use before the event period between Sept. 17 and Nov 15 2017. The municipality rents the center to the local citizens to host celebrations, meetings and gatherings | Santo Domingo Sector (Santo Domingo Ward) Peñuelas, Puerto Rico 00624 | \$666.01 | | | | | 18.06481 | -66.75046 | Building Exterior, 1 each of Section of the chain link fence in the front of the building, 6 FT long, torn by high winds, 0% work completed. Building Exterior, 130 SF of walls paint, wrinkled, rough and peeled by wind driven rain, 0% work completed. Building Exterior, 2 each of lighting bulb socket type fixture, broken by wind, driven rain and debris, 0% work completed. Building Exterior, 1,512 SF of Metal roof sheets detached, by Wind Driven Rain and Debris, 0% work completed. | |



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| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- The structure was built approximately in 1980 and was still functional after the event and used for learning class, musical activities, birthdays, formal activities, dancing, shows and recreation activities use on day and night basis. This is a one-story concrete and roof building, with approximately 2,260.8 sqft. and nine feet height. At the entrance has a small open balcony of twenty-one (21) feet wide and five (5) feet deep. The building is surrounded by a chain link fence with concrete footings. | Quebrada Ceiba Ward, Caracoles 2 Sector, Peñuelas, PR | \$120.34 | | | | | 18.05278 | -66.7077 | | Fencing: Building Exterior, 40 SF of Galvanized Type, Gauge # 9 Chain Link Fence Mesh, 10 FT long x 4 FT high, damage caused by wind driven rain, high wind and wind blown debris, 0% work completed. Building Exterior, 1 each of Galvanized Type Chain Link Posts, 4 FT long x 2 IN in diameter, damage caused by wind driven rain, high winds and wind blown debris, 0% work completed. Building Exterior, 2 each of Galvanized Type Chain Link Fence Top Rails, 10 FT long x 1 IN in diameter, damage caused by wind driven rain, high winds and wind blown debris, 0% work completed. Building Exterior, 0.3704 CY of Chain Link Fence Concrete Footings, 10 FT long x 2 FT high x 0.5 FT thick, damage caused by surface water flooding, wind driven rain and high winds, 0% work completed. 2. Paint: Building Exterior, 180 SF of Exterior Concrete Walls (10% of the total square foot of the building), 200 FT long x 9 FT high, damage caused by wind driven rain, high winds and wind blown debris, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Parks, Recreational Facilities, and Other Items- two parking areas, one on the South side and the other on the East side with capacity for approximately 20 cars, including three (3) handicap parking spaces and two (2) handicap ramps. Main entrance (South) - Concrete structure of approximately 50 ft. (L) x 8 ft. (W) x 20 ft. (H) with an ornamental 0.08 ft. x 0.08 ft. galvanized steel square tubing gate of approximately 20 ft. (L) x 8 ft. (H). Secondary entrance (East) - Concrete structure of approximately 40 ft. (L) x 4 ft. (W) x 12 ft. (H) with an ornamental 0.08 ft. x 0.08 ft. galvanized steel square tubing gate of approximately 10 ft. (L) x 8 ft. (H). Chain link fence on West and North sides, next to the Talibaoa River of approximately 325 ft. (L) x 4 ft. (H) with 0.17 ft. (D) galvanized steel poles on top for horizontal support and 0.17 ft. (D) galvanized steel poles every 10 ft. for vertical support. The entire fence is installed over a 1 ft. (H) x 0.5 ft. (W) concrete base. Ornamental 0.08 ft. x 0.08 ft. galvanized steel square tubing fence of South side and East side of approximately 880 ft. (L) x 8 ft. (H) with 0.25 ft. x 0.25 ft. galvanized steel square poles every 10 ft. for vertical support and two (2) 0.08 ft. x 0.08 ft. EA galvanized steel square tubing for horizontal support. Gazebo #1 - Octagonal shaped gazebo of approximately 16 ft. (H) x 32 ft. (D) with wooden roof and eight (8) concrete round columns 12 ft. (H) x 1 ft. (D). EA Gazebo #2 - Square shaped gazebo of | PR 132, Caracoles ISector, Quebrada Ceiba Ward, Peñuelas, PR 00624 | \$11,713.74 | | | | | 18.04971 | -66.72 | | Fencing, Chain link fence on West and North sides, next to the Talibaoa River, of approximately 325 ft. (L) x 4 ft. (H) with 0.17 ft. (D) galvanized steel poles on top for horizontal support and 0.17 ft. (D) galvanized steel poles every 10 ft. for vertical support. The entire fence is over a 1 ft. (H) x 0.5 ft. (W) concrete base, 156 FT long, collapsed from tree falls, 0% work completed. Lighting, 2 each of Thirty two (32) aluminum ambient lighting posts of approximately 18 ft. (H) EA with one sodium lighting fixture EA installed on concrete bases of approximately 1.5 ft. (L) x 1.5 ft. (W) x 1 ft. (H) EA, lighting post split and another one was inclined approximately 5°, 0% work completed. Lighting, 2 each of Two (2) metal lighting posts of approximately 25 ft. (H) EA with two (2) 1,500 W lighting fixtures EA, Both lighting posts had one (1) of the 1,500 lighting fixtures torn, 0% work completed. Signage, 1 each of galvanized metal Park Rules signs of approximately 8 ft. (L) x 4 ft. (W) (Playground area), Park Rules sign from the Playground area was torn, 0% work completed. Trash Cans, 4 each of Ten (10) metal wastebaskets of approximately 3.83 ft. (H) x 2 ft. (D) EA from City Park Equipment, metal wastebaskets torn, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Consisting of a concrete bridge 42 in high, 36 in diameter corrugated metal pipes, 36 in diameter cast iron pipe, concrete gutters at both sides of the road, concrete parapets and a top layer of 2 inches of asphalt pavement. | Carozal Sector, Quebrada Ceiba Ward | \$24,752.52 | | | | | 18.08249 | -66.70682 | | Barriers: Guard Rail, 0, 1019 CY of Concrete parapets serving as guardrails at both sides, 2.75 FT long x 1 FT wide x 1 FT high, one broken due to rushing water and debris, 0% work completed. Guard Rail, 1- 6 FT long -2.5 in diameter galvanized steel pipe, 6 FT long, was torn out due to wind blown debris and surface water flooding, 0% work completed. Culvert: Corrugated metal pipe, 2-8 ft long -36 inches diameter CMP, 16 FT long, broken due to rushing waters and debris, 0% work completed. Foundation, 12,6667 CY of Foundation of culvert, 38 FT long x 3 FT wide x 3 FT high, undermined due to rushing waters, 0% work completed. Pavement: Surface, 8.4 CY of Asphalt pavement, [(41ft (L) x 6ft (W)) + (24.25ft (L) x 12ft (W))] + (66ft (L) x 12ft (W)) x 0.17ft (T), washed out due to surface water flooding, 0% work completed. Base, 16.2 CY of Binder Course, [(41ft (L) x 6ft (W)) + (24.25ft (L) x 12ft (W)) + (66ft (L) x 12ft (W))] x 0.33ft (T), washed out due to surface water flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Los Alvarado Bridge Description: Asphalt paved municipal road South of bridge of approximately 314 ft. (L) x 13 ft. (W). Shoulder West of 314 ft. (L) road of approximately 314 ft. (L) x 5 ft. (W). Metal bridge of approximately 91 ft. (L) x 13 ft. (W) x 15 ft. (H) with three (3) concrete load bearing walls of approximately 15 ft. (H) x 13 ft. (W) EA and two (2) wing-wall abutments of approximately 15 ft. (H) x 37 ft. (L) EA. Concrete slab of approximately 91 ft. (L) x 13 ft. (W) x 0.05 ft. (T). Two (2) galvanized steel W-type guardrails of approximately 80 ft. (L) EA. Two (2) potable water steel pipes of approximately 140 ft. (L) x 0.17 ft. (D). Asphalt paved municipal road West of bridge of approximately 150 ft. (L) x 13 ft. (W). Shoulder South of 150 ft. (L) road of approximately 40 ft. (L) x 35 ft. (W). | PR-391 Km 5.3 Branch, Los Alvarado Sector, Rucio Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.08328 | -66.69384 | | No Location/Grouping: Bridge Foundation, 1 each of foundation, 91 FT long x 13 FT wide, undermined at North and South sides due to rushing flood waters, 0% work completed. Steel Pipes, 2 each of potable water steel pipes of 0.17 ft. diameter, 20 FT long, torn and destroyed due to rushing flood waters, 0% work completed. Guard Rail, 1 each of galvanized steel W-type, 15 FT long, Guardrail on North side of bridge torn and destroyed due to rushing flood waters, 0% work completed. South of Bridge: Surface, 26 CY of Asphalt road, 314 FT long x 13 FT wide x 0.17 FT deep, Asphalt washed out in approximately 95% of the road due to rushing flood waters, 0% work completed. Base, 50 CY of Binder Course, 314 FT long x 13 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. South of Road: Shoulder, 185 CY of Fill A2-4, 25 FT long x 20 FT wide x 10 FT deep, Collapsed at bridge exit due to rushing flood waters, 0% work completed. South-East of Bridge: Road, 178 CY of Fill A2-4 for road, 60 FT long x 13 FT wide x 6.17 FT deep, Surface Water Flooding, 0% work completed. Surface, 5 CY of Asphalt paved municipal road, 60 FT long x 13 FT wide x 0.17 FT deep, Collapsed at bridge entrance due to rushing flood waters, 0% work completed. Base, 10 CY of Binder Course, 60 FT long x 13 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Municipal Asphalt Paved Road | Hacienda Tatán, El Cerrote Sector, Rucio Ward | \$27,782.47 | | | | | 18.12761 | -66.71881 | | Road Damage: Surface, 7,1296 CY of Asphalt, 55 FT long x 14 FT wide x 3 IN deep, cracked and sunken, 0% work completed. Base, 9,4111 CY of Binder Course, 55 FT long x 14 FT wide x 0.33 FT deep, cracked and sunken, 0% work completed. Base, 14,2593 CY of Crushed stone, 55 FT long x 14 FT wide x 0.5 FT deep, cracked and sunken pavement and embankment, 0% work completed. Sub Base, 28,5185 CY of 3/4 in stone, 55 FT long x 14 FT wide x 1 FT deep, cracked and sunken pavement and embankment, 0% work completed. Shoulder, 24,4444 CY of Unclassified fill material, 55 FT long x 3 FT wide x 4 FT deep, collapsed and eroded due to rushing flood waters, 0% work completed. Embankment, 407,4074 CY of Unclassified fill material, 55 FT long x 20 FT wide x 10 FT deep, collapsed and eroded due to rushing flood waters, 0% work completed. Fill, 114,0741 CY of A-2-4, 55 FT long x 14 FT wide x 4 FT deep, cracked and sunken pavement and embankment, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- 2640 ft (L) x 14 ft (W) Road facility of Maconá Ward that serves about 500 homes | Calichosa 1/2 municipal road, Maconá Ward, Peñuelas, PR | \$5,626.89 | | | | | 18.07619 | -66.7636 | | Road Damage: Surface, 57,1511 CY of Asphalt, 660 FT long x 14 FT wide x 0.167 FT thick, Scoured Asphalt due to rushing surface water and torrential rain. Damaged dimensions represents 25% of site dimensions, 0% work completed. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|--|
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- 6-QC Low Water Crossing | Corozal Sector, Quebrada Ceiba Ward | \$3,231.85 | | | | | 18.08362 | -66.70694 | No Location/Grouping: Culverts, 0.2222 CYof culvert foundation, 3 FT long x 2 FT wide x 1 FT deep, are undermined allowing water to go underneath due to rushing flood water and debris, 0% work completed. North and South sides: Surface, 4.2422 CYof asphalt, 69 FT long x 10 FT wide x 0.166 FT thick, washed out at the north and south entrances by rushing flood water with debris, 0% work completed. Base, 8.51 CYof binder course, 69 FT long x 10 FT wide x 0.333 FT thick, washed out at the north and south entrances by rushing flood waters with debris, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalt municipal road crossing a river with a box culvert. | Rucio Ward, Belleza Secto | \$919,369.00 | | | | | 18.11124 | -66.69134 | Low Water Crossing Road Damage: Surface, 6.8189 CYof Asphalt Surface, 57 FT long x 19 FT wide x 0.17 FT high, Washed Out by Wind Driven Rain, 0% work completed. Base, 20.9 CYof Base Binder Course, 90 FT long x 19 FT wide x 0.33 FT High, Washed Out by Wind Driven Rain, 0% work completed. Guard Rail, 1 each of Metal Guard Rail (East Side), 32 FT long, Detached and Missing due to Wind Driven Rain, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalt paved municipal road North of Low Water Crossing of approximately 240 ft. (L) x 13 ft. (W). Shoulder East of 240 ft. (L) road of approximately 30 ft. (L) x 15 ft. (W). Asphalt paved municipal road South of Low Water Crossing of approximately 750 ft. (L) x 13 ft. (W). Shoulder South of 750 ft. (L) road of approximately 45 ft. (L) x 9 ft. (W). Concrete Low Water Crossing of approximately 34 ft. (L) x 19 ft. (W) and a 0.5 ft. slab with five (5) CMPs of approximately 19 ft. (L) x 4 ft. (D) EA. One (1) potable water PVC pipe of approximately 140 ft. (L) x 0.125 ft. (D) | La Haya Sector, Rucio Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.10149 | -66.70346 | No Location/Grouping: Pipe, 1 each of 1.5 IN. potable water PVC pipe, 100 FT long, PVC pipe torn section due to rushing flood waters, 0% work completed. East of LWC: Surface, 12 CF of Asphalt paved municipal road, 12 FT long x 4 FT wide x 0.25 FT deep, Collapsed, 0% work completed. Surface, 2 CYof Asphalt paved municipal road, 22 FT long x 12 FT wide x 0.25 FT deep, Asphalt washed out due to rushing flood waters, 0% work completed. Base, 16 CF of Binder course, 12 FT long x 4 FT wide x 0.33 FT deep, Surface Water Flooding, 0% work completed. Sub Base, 16 CF of Crushed stone, 12 FT long x 4 FT wide x 0.33 FT deep, Surface water Flooding, 0% work completed. Shoulder, 20 CYof fill A2-4, 12 FT long x 11 FT wide x 4 FT high, Collapsed due to rushing flood waters, 0% work completed. Asphalt road, 20 CYof Fill A2-4, 15 FT long x 9 FT wide x 4 FT deep, Collapsed due to rushing flood waters, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalt paved road on Hoyo Vicioso Sector | Hoyo Vicioso Sector, Macana Ward (ref. Ana Milagros Vda. Souchet) | \$2,172.24 | | | | | 18.06382 | -66.76255 | Road Damage: Surface, 35.1481 CYof Asphalt pavement, 438 FT long x 13 FT wide x 2 IN thick, Washed out (50%) due to surface water flooding, 0% work completed. Base, 70.2963 CYof Binder course, 438 FT long x 13 FT wide x 4 IN thick, Washed out (50%) due to surface water flooding, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalt paved road with a retaining wall and guardrail | Hoyo Vicioso Sector, Macana Ward (ref. towards "Los 4 Vientos") | Unknown | | | | | 18.06604 | -66.76094 | No Location/Grouping: Foundation, 41.4815 CYof retaining wall foundation, 56 FT long x 5 FT wide x 4 FT deep, was undermined due to rushing waters, 0% work completed. Landslide, 22.2222 CYof landslide, 10 FT long x 5 FT wide x 12 FT high, collapsed due to heavy rains, 0% work completed. Wingwall, 0.4 CYof concrete, 1/2 x (3FTx3FT) x 1.5FT, collapsed due to rushing waters with debris and a landslide, 0% work completed. Road: Surface, 1.5111 CYof Asphalt, 30 FT long x 8 FT wide x 0.17 FT thick, washed out due to surface water flooding, 0% work completed. Base, 2.9333 CYof Binder Course, 30 FT long x 8 FT wide x 0.33 FT thick, washed out due to rushing water flooding, 0% work completed. Sinkhole: Surface, 1.8889 CYof Asphalt, 40 FT long x 7.5 FT wide x 0.17 FT thick, washed out due to rushing water flooding, 0% work completed. Base, 7.4444 CYof Base Course Class A, 40 FT long x 7.5 FT wide x 0.67 FT thick, collapsed due to rushing water flooding, 0% work completed. Base, 3.6667 CYof Binder Course, 40 FT long x 7.5 FT wide x 0.33 FT thick, washed out due to rushing water flooding, 0% work completed. Sub Base, 11.1111 CYof Drainage course, 40 FT long x 7.5 FT wide x 1 FT thick, collapsed due to rushing water flooding, 0% work completed. Fill, 70.3333 CYof A-2-4, 40 FT long x 7.5 FT high x 6.33 FT thick, washed out due to rushing water flooding, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalt road and concrete bridge of 98.5 linear foot (L) x 12 foot (W) | PR 386 Km. 3.1 Int. Medonado Sector, Jaguas Ward | \$1,014,722.65 | | | | | 18.08302 | -66.7279 | Road Damage: Surface, 5.44 CYof asphalt after bridge, 72 FT long x 12 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 10.56 CYof Binder course, 72 FT long x 12 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 21.44 CYof Crushed stone, 72 FT long x 12 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. Fill material, 64 CYof A-2-4, 72 FT long x 12 FT wide x 2 FT deep, washed out due to the rushing flood waters, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalt surface Low water Crossing with a Concrete pipe culvert of 30 inches diameter with a guardrail | PR 3391 Km. 1.1 Int Belleza Sector Rucio Ward | \$15,784.13 | | | | | 18.09301 | -66.6857 | Low Water Crossing Road Damage: Surface, 20.7778 CYof approximately 50% of asphalt, 275 FT long x 12 FT wide x 0.17 FT deep, washout at south and west sides due to the rushing flood waters, 0% work completed. Base, 40.3333 CYof approximately 50% of binder course, 275 FT long x 12 FT wide x 0.33 FT deep, washout due to the rushing flood water, 0% work completed. Guard Rail, W-type with support posts every 10 ft, 90 LF long, torn caused by the rushing flood waters driven debris, 0% work completed. Undermining/scouring, 0.4444 CYof culvert outlet foundation at the west side, 3 FT long x 2 FT wide x 2 FT deep, undermined due to the rushing flood waters, 0% work completed. | |
| Penuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalted municipal road from El Cerrote Sector entrance to Carlos Rodríguez site, La Haya Sector, Rucio Ward, Reference La Gallera, (6-RC) | El Cerrote Sector entrance to Carlos Rodríguez site, La Haya Sector, Rucio Ward | Unknown | | | | | 18.11928 | -66.70267 | Road Damage: Surface, 904.6667 CYof approximately 40% of asphalt, 8,142 FT long x 12 FT wide x 0.25 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 1,194.16 CYof approximately 40% of binder course, 8,142 FT long x 12 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 2,424.5067 CYof approximately 40% of Crushed stone, 8,142 FT long x 12 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. Shoulder, 513.3333 CYof shoulder, 77 FT long x 12 FT wide x 15 FT deep, collapsed due to the rushing flood waters, 0% work completed. LWC slab, 6.9167 CYof Concrete LWC slab, 4.5 FT long x 18 FT wide x 0.25 FT deep, 75% eroded due to the rushing flood waters, 0% work completed. PVC Pipe, 1 each of water PVC pipe 1 inch diameter, 33 LF long, broken and split due to the rushing flood waters, 0% work completed. | |



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|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|--|
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalted Municipal road of one (1) lane | PR 391 Km. 4.6 Int. Calbache Sector, Rucio Ward | \$122,445.26 | | | | | 18.07747 | -66.6922 | | Road Damage: Surface, 0.4722 CYof Asphalt at West side of road, 50 FT long x 1.5 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Surface, 1.2593 CYof Asphalt at East side of road, 100 FT long x 2 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Surface, 5.2936 CYof Asphalt at South side of road, 59 FT long x 14.25 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 0.9167 CYof binder course, 50 FT long x 1.5 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 2.4444 CYof binder course, 100 FT long x 2 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 10.2758 CYof binder course, 59 FT long x 14.25 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 1.8611 CYof crushed stone, 50 FT long x 1.5 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 4.963 CYof crushed stone, 100 FT long x 2 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 20.8631 CYof crushed stone, 59 FT long x 14.25 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalted road of 12 to 14 foot width that connect El Prado Sector Community, located in Santo Domingo Ward to Peñuelas main facilities, utilities and community services. | PR 3131 Interior El Prado Sector, Santo Domingo Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.06828 | -66.75443 | | Site 1 - 18.068275, -66.750036; Site 2 - 18.068415, -66.750942; Surface, 2.7956 CYof asphalt, 111 FT long x 4 FT wide x 0.17 FT thick, washed out due to the rushing flood waters, 0% work completed. Base, 5.4267 CYof binder course, 111 FT long x 4 FT wide x 0.33 FT thick, washed out due to the rushing flood waters, 0% work completed. Site 3 - Start: 18.068835, -66.751499; End: 18.069349, -66.751464; Surface, 0.1511 CYof asphalt, 8 FT long x 3 FT wide x 0.17 FT thick, washed out due to the rushing flood waters, 0% work completed. Shoulder, 439.1111 CYof shoulder, 247 FT long x 3 FT wide x 16 FT high, collapsed due to the rushing flood waters, 0% work completed. Embankment, 439.1111 CYof Unclassified Material Road Embankment Segment (triangular section profile) (total cubic yard /2) Estimated, 247 FT long x 3 FT wide x 16 FT high, collapsed due to the heavy rains and rushing flood waters, 0% work completed. Guard Rail, 1 each of Guard Rail double steel w type, 247 LF long, collapsed due to the rushing flood waters driven debris, 0% work completed. Site 4 - 18.073978, -66.754082; Gutter, 4.7222 CYof concrete gutter, 85 FT long x 3 FT wide x 0.5 FT thick, collapsed due to the rushing flood water driven debris, 0% work completed. Site 4 - Start: 18.074540, -66.756278; End: 18.075033, -66.756122; Shoulder, 526.6667 CYof Fill material A-2 |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Asphalted road of two (2) lanes over a concrete Low Water Crossing with six (6) corrugated metal pipes | Los Tellado Sector, Jaguas Ward, Peñuelas, PR 00624 | \$232,690.79 | | | | | 18.08632 | -66.73164 | | Low Water Crossing Road Damage: Surface, 197.9556 CYof Asphalt, 1,310 FT long x 24 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Surface, 0.713 CYof reinforced concrete of LWC slab, 7 FT long x 5.5 FT wide x 0.5 FT deep, collapsed due to the debris passing through by rushing flood waters, 0% work completed. Base, 384.2667 CYof binder course, 1,310 FT long x 24 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 780.1778 CYof crushed stone, 1,310 FT long x 24 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. Corrugated Metal Pipes, 6 each of six (6) corrugated metal pipes, 21 FT long x 5 FT in diameter, four (4) collapsed, the other two (2) broken from debris passing through by rushing flood waters, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Concrete box culvert that give access to families from El Barros Sector to community facilities and utilities in the Barreal Ward. | PR 384 Km. 6.5 Interior El Barros Sector, Barreal Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.08415 | -66.74296 | | No Location/Grouping: Culvert, 13.6296 CYof Foundation, 23 FT long x 4 FT wide x 4 FT deep, undermined due to the rushing flood water driven debris, 0% work completed. Wing Wall, 1.1852 CYof Southeast side wing wall foundation, 8 FT long x 2 FT wide x 2 FT deep, undermined due to the rushing flood waters driven debris, 0% work completed. Guard Rail: Guard Rail, 1 each of Horizontal support Galvanized Pipe, 30 LF long x 0.25 FT in diameter, turned due to the rushing flood water and high winds driven debris, 0% work completed. Guard Rail, 1 each of Vertical support Galvanized Pipe, 9 LF long x 0.33 FT in diameter, turned due to the rushing flood water and high winds driven debris, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Concrete low water crossing (146 ft long x 34.5 ft wide) consisting of 6-36 in diameter concrete pipes 36 ft long, 16 concrete safety barriers, a wingwall 68 ft L x 4 ft wide, a headwall 40 ft long x 4 ft wide and approaches with top layer of asphalt pavement. | El Bohio Sector, Quebrada Ceiba Ward (ref. Negocio El Bohio) | \$1,278.82 | | | | | 18.06989 | -66.70035 | | No Location/Grouping: Surface, 17 CYof Concrete pavement, 5 spots were washed out by flooding and debris. (28ftx25ftx0.5ft, 27ftx7ftx0.5ft, 4.5ftx4ftx0.5ft, 3ftx3ftx0.5ft, 2.5ftx2ftx0.5ft), 0% work completed. Barriers, 16 each of Concrete safety barriers, 3 FT long x 1 FT wide x 1.5 FT high, 15 were torn out and 1 was broken by flooding and debris, 0% work completed. asphalt pavement: Surface, 3.3496 CYof Asphalt, 28 FT long x 19 FT wide x 0.17 FT thick, washed out due to flooding and debris, 0% work completed. Base, 6.5022 CYof Binder course, 28 FT long x 19 FT wide x 0.33 FT thick, washed out due to flooding and debris, 0% work completed. |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|---|
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Concrete structure is composed of four (4) cells | PR 386 Km 3.2 Branch, El Bejuco Sector, Jaguas Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.07326 | -66.72985 | | Culvert, 1 each of Concrete slab, 2 FT long x 0.5 FT wide, North edge eroded, 0% work completed. Culvert, 1 each of Concrete slab, 2.5 FT long x 2 FT wide, South edge eroded, 0% work completed. Culvert, 4 each of four (4) cells, 17 FT long x 7 FT wide x 6 FT high, Culvert entrance and exit undermined, 0% work completed. Culvert, 5 each of buttresses on the East side, eroded from rushing flood water, 0% work completed. Parapet, 1 each of one on East side of the culvert structure and road, 3 FT long, torn and eroded at torn handrail support areas, 0% work completed. Parapet, 1 each of One on West side of the culvert structure and road, 46 FT long, torn, 0% work completed, 0.17 ft. Asphalt paved road, 192 SF of Asphalt, 12 FT long x 16 FT wide, North road asphalt washed out, 0% work completed, 0.17 ft. Asphalt paved road, 1,184 SF of Asphalt, 74 FT long x 16 FT wide, South road asphalt washed out, 0% work completed, 0.08 ft. (D) Galvanized steel pipe, 1 each of for potable water of approximately 68 ft. (L) on East Side of the culvert, 60 FT long, pipe torn, 0% work completed. Handrails, 1 each of Galvanized iron handrails on both sides of the culvert and road of approximately 70 ft. (L) x 3.6 ft. (H) x 0.25 ft. (D) EA with vertical galvanized iron pipes 3.6 ft. (H) x 0.25 ft. (D) EA every 7 ft., and |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Concrete structure type Low Water Crossing (LWC) with four (4) corrugated metal pipes covered with asphalt, which were over-topped by the river during the event causing damages to the LWC itself, the road, and the ground | Mal Paso Sector, Macana Ward, Peñuelas, PR 00624 | \$5,136.38 | | | | | 18.09079 | -66.75523 | | Low Water Crossing Road Damage: Surface, 1.4 CYof asphalt from North side approach road, 19 FT long x 8 FT wide x 0.25 FT high, washed out from rushing flood water, 0% work completed. Surface, 1 each of 0.25 ft. of asphalt, 30 FT long x 4 FT wide, washed out from rushing flood water, 0% work completed. Surface, 1 each of Ground between road and wing wall, 30 FT long x 5 FT wide x 5 FT deep, collapsed from rushing flood water, 0% work completed. Surface, 1 each of 0.25 ft asphalt from South side, 19 FT long x 14 FT wide, washed out from rushing flood water, 0% work completed. Shoulder, 31 CYof ground from South West approach road, 14 FT long x 10 FT wide x 6 FT deep, collapsed from rushing flood water, 0% work completed. Low Water Crossing wing wall, 0.44 CYof reinforced Concrete wall, 6 FT long x 2 FT wide x 1 FT thick, collapsed from rushing flood water, 0% work completed. Low Water Crossing, 25 CYof concrete slab, 14 FT long x 8 FT wide x 6 FT deep, collapsed from rushing flood water, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Culvert approximately 15 ft (L) x 4 ft (D) under 1K municipal Road at Corea Sector | PR-387 Branch, Corea Sector, Quebrada Ceiba Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.09816 | -66.70694 | | No Location/Grouping: Guard Rail, 1 each of Galvanized steel W-type guardrail on South shoulder, 242 FT long, Split and destroyed due to rushing flood waters, 0% work completed. North side of road: Surface, 7 CYof asphalt paved municipal road, 242 FT long x 3 FT wide x 0.25 FT deep, Asphalt washed out due to rushing flood waters, 0% work completed. South side of road: Base, 24 CYof Binder Course, 242 FT long x 8 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Culvert consisting of two CMP 5ft (Diam) x 30ft (L) and an asphalt paved road with guardrails. | Corozal Sector, Quebrada Ceiba Ward | \$16,205.27 | | | | | 18.08025 | -66.70599 | | Low Water Crossing Road Damage: Surface, 3.3 CYof asphalt pavement, [(12.5ft (L) x 7.5ft (W)) + (13ft (L) x 6ft (W)) + (13ft (L) x 21.5ft (W)) + (28ft (L) x 2.5ft (W))] x 0.17 ft (T), washed out because of surface water flooding and rushing waters, 0% work completed. Base, 6.4 CYof Binder course, [(12.5ft (L) x 7.5ft (W)) + (13ft (L) x 6ft (W)) + (13ft (L) x 21.5ft (W)) + (28ft (L) x 2.5ft (W))] x 0.33ft (T), washed out because of surface water flooding and rushing waters, 0% work completed. Guard Rail, 48.5 FT long, 2.5 in diameter galvanized steel pipes located 3 ft high, 48.5 FT long, were torn out, 0% work completed. Guard Rail, 0.448 CYof 5 concrete support columns, 1 FT long x 1 FT wide x 3.5 FT high, were broken or torn out because of surface water flooding and debris, 0% work completed. CMP, 2- 30ft long, 60 inches diameter corrugated metal pipes, 60 FT long, broken at the bottom because of rushing waters and debris, 0% work completed. Foundation, 4.3333 CYof Culvert Foundation, 13 FT long x 3 FT wide x 3 FT deep, undermined due to rushing waters, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- End of asphalt paved road 17 ft wide with concrete gutters on both sides. CMP single culvert with catch basin containing 5 iron grates and a retaining wall with a chain link fence. | Orquidea Street, Jardines de Peñuelas, Pueblo Ward | \$10,306.14 | | | | | 18.06011 | -66.7205 | | Culvert Damage: Fill, 4.4063 CYof A-2-4, 11.75 FT long x 4.5 FT wide x 2.25 FT high, under catch basin was washed out, 0% work completed. Retaining wall, 1.9259 CYof Reinforced concrete retaining wall, 4 FT long x 1 FT wide x 13 FT high, collapsed because of foundation seepage and flooding, 0% work completed. Associated Road Damage: Orquidea Street, a 17ft wide x 13ft long, 2 lane Asphalt roadway Surface, 1.637 CYof Asphalt pavement, 20 FT long x 13 FT wide x 0.17 FT thick, in part of the road and adjacent areas collapsed near the culvert due to surface water flooding and foundation seepage, 0% work completed. Base, 27.7778 CYof Crushed stone, 30 FT long x 25 FT wide x 1 FT deep, in part of the road and adjacent areas collapsed near the culvert due to surface water flooding and foundation seepage, 0% work completed. Base, 3.1778 CYof Binder Course, 20 FT long x 13 FT wide x 0.33 FT thick, in part of the road and adjacent areas collapsed near the culvert due to surface water flooding and foundation seepage, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- La Calichosa is a Low Water Crossing that has washed out asphalt and the culvert foundation has been undermined due to rushing flood water | La Calichosa Sector, Macana Ward | \$55,663.41 | | | | | 18.07597 | -66.76628 | | Low Water Crossing Road Damage: Surface, 3.7538 CYof asphalt, 38 FT long x 16 FT wide x 0.1667 FT deep, was washed out by rushing flood water with debris, 0% work completed. Base, 15.0131 CYof crushed stone, 38 FT long x 16 FT wide x 0.6667 FT high, was washed out by rushing flood water with debris, 0% work completed. Base, 7.4987 CYof binder course, 38 FT long x 16 FT wide x 0.333 FT high, was washed out by rushing flood water with debris, 0% work completed. Sub Base, 22.5185 CYof drainage course, 38 FT long x 16 FT wide x 1 FT deep, was washed out by rushing flood water with debris, 0% work completed. Foundation, 2.6667 CYof concrete at pipes exit, 8 FT long x 3 FT wide x 3 FT deep, undermined due to rushing flood water, 0% work completed. Culvert, 2 each of reinforce concrete pipe, 16 FT long x 3 FT in diameter, broken (reinforcement is showing), due to rushing water with debris, 0% work completed. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|--|
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Low Water Crossing with three (3) corrugated metal pipes, slab in concrete one (1) foot height (H), guardrails of galvanized pipe 0.17 ft. (D), supported with concrete columns of 1 ft (L) x 1 (W) ft x 4 ft (H) | Corozal Sector, Quebrada Ceiba Ward, Peñuelas, PR | Unknown | | | | | 18.0714 | -66.70361 | No Location/Grouping: Corrugated Metal Pipes, 2 each of CMPs, one (1) at the North side and the other one (1) at the Center of LWC, 25 FT long x 4 FT in diameter, one is corroded at the bottom (North) and the other (Center) is broken with debris due to the heavy rains and rushing flood waters driven debris, 0% work completed. Handrails with one (1) horizontal 2 IN galvanized steel pipe, 126.25 LF long, missing due to the rushing flood waters driven debris, 0% work completed. Concrete columns supporting guard rails, 3 each of reinforced concrete, 1 FT long x 1 FT wide x 4 FT high, two are collapsed and the third is broken due to the rushing flood waters driven debris, 0% work completed. At the west of LWC: Surface, 2.9089 CY of Asphalt, 38.5 FT long x 12 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 5.6467 CY of Binder course, 38.5 FT long x 12 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Sub Base, 11.4644 CY of Crushed stone, 38.5 FT long x 12 FT wide x 0.67 FT deep, washed out due to the rushing flood waters, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- One (1) circular concrete culvert of eighteen (18) foot (L) length, three (3) foot (D) Diameter, with a head wall of seven (7) foot (W) wide per three (3) foot (H) height, wind walls both sides of the inlet of five (5) foot (W) wide per four (4) foot (H) height. | Carlos Caraballo-Bauza-Julia Hernandez Municipal Road, Barreal Ward, Peñuelas, PR 00624 | \$15,043.44 | | | | | 18.09402 | -66.74911 | Culvert, 1 each of single circular concrete culvert (6 ft depth), 18 FT long x 3 FT in diameter, detached at the south side due to the rushing flood water driven debris, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- One (1) concrete culvert of approximately 40 ft (L) x 4 ft (D), 0.17 ft, asphalt paved road of approximately 20 ft (W) and 1 ft (H) over the concrete culvert. Shoulder South of the road of approximately 6 ft (W). Culvert's catch pit of approximately 22 ft (L) x 14.5 ft (W) x 6 ft (H). One (1) CPM culvert of approximately 20 ft (L) x 3 ft (D) at SW end of catch pit. Asphalt paved over concrete road of approximately 30 ft (L) x 17 ft (W) x 0.17 ft (H) West of catch pit and 2.5 ft (H) over the CMP culvert. Shoulder West of the road of approximately 3 ft (W) | Santas Pascuas Sector, Rucio Ward, Peñuelas, PR 00624 | \$11,670.71 | | | | | 18.11799 | -66.68958 | Culvert, 1 each of concrete pipe, 40 FT long x 4 FT in diameter, undermined and broken, water flows from under the concrete pipe due to the rushing flood waters, 0% work completed. Culvert catch pit, 24 CF of concrete, 6 FT long x 2 FT wide x 2 FT thick, collapsed at West end due to the rushing flood waters, 0% work completed. Surface, 33 CF of asphalt paved over concrete road, 12 FT long x 11 FT wide x 0.25 FT deep, collapsed due to the rushing flood waters, 0% work completed. Shoulder, 19 CY of North of road and North of catch pit Fill A2-4, 12 FT long x 3 FT wide x 14 FT deep. Collapsed due to the rushing flood waters, 0% work completed. Sub-Base, 44 CF of crushed Stone, 12 FT long x 11 FT wide x 0.33 FT high, collapsed due to rushing flood waters, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- One lane municipal road. | Felipe Quinones Sector, Barreal Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.08946 | -66.74719 | West side of road: Surface, 7 CY of asphalt, 89 ft (L) x 8 ft (W) x .25 ft (H) = 178 CF / 27 = 7 CY, collapsed due to rushing flood water, 0% work completed. Base, 9 CY of asphalt binder course, 89 ft (L) x 8 ft (W) x 0.33 ft (H) = 235 CF / 27 = 9 CY, collapsed due to rushing flood water, 0% work completed. Sub Base, 13 CY of crushed stone, 89 ft (L) x 8 ft (W) x 0.5 ft (H) = 356 CF / 27 = 13 CY, collapsed due to rushing flood water, 0% work completed. Embankment, 831 CY of Fill A2-4, 89 ft (L) x 14 ft (W) x 18 ft (H) = 22,428 cf / 27 = 831 CY, collapsed due to rushing flood water, 0% work completed. Guard Rail, 4 each of Jersey Barriers, destroyed with embankment collapsed due to rushing flood water, 0% work completed. gutter, 2.5 CY of concrete, 135 ft (L) x 2 ft (W) x .25 ft (H) = 67.5 CF / 27 = 2.5 CY, collapsed due to rushing flood water, 0% work completed. gabions, 8 each of gabion baskets, 6 FT long x 2 FT wide x 3.5 FT high, destroyed due to collapse of embankment, due to rushing flood water, 0% work completed. water line, 1 inch PVC pipe, 135 FT long, broken due to embankment collapse due to rushing flood waters, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Pedestrian Bridge at the La Hoya Sector is in front of an eight (8) Concrete Pipe (D =48 in) Culvert Low-Water Crossing. The bridge consists of metal floor and galvanized steel handrail. | Rincon del Recuerdo, La Hoya Sector, Rucio Ward | Unknown | | | | | 18.0924 | -66.69604 | No Location/Grouping: Surface, 0.2361 CY of Asphalt pavement, 15 FT long x 2.5 FT wide x 0.17 FT thick, washed out due to rushing flood waters, 0% work completed. Pedestrian Bridge Section: Deck, 160 SF of 1/8 (in) Thick Diamond Pattern Steel Floor Plate, 40 FT long x 4 FT wide, was dented and warped due to rushing flood water, 0% work completed. Abutments, 0.1244 CY of Reinforced concrete center abutment, 4 FT long x 2 FT wide x 0.42 FT deep, was broken due to the debris carried by river surface water flooding, 0% work completed. Guard Rail, galvanized steel pipe supported with vertical pipes (1.5 in diameter) every ten (10) ft with two (2) horizontal pipes (1.5 in diameter), 1 in x 1 in square tubing along the bridge 1 ft above the floor and support steel bar bracing, 90 FT long, were bent and torn out due to the debris carried by river surface water flooding, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Reinforced concrete bridge with a top layer of asphalt | PR-132 Int km 8.9, Coto Ward | \$1,435.07 | | | | | 18.06565 | -66.74062 | Bridge Damage: Fence, 4 ft high Chain link fence with supporting galvanized 2 in diameter pipes every 10 ft and top horizontal 1.5 in diameter pipe, 42 FT long, collapsed due to surface water flooding and debris, 0% work completed. Supports, 8 each of Concrete columns, 1.5 FT long x 1 FT wide x 3 FT high, were broken or torn out due to rushing waters and debris, 0% work completed. Surface, 5.4 CY of Asphalt pavement, [(20ftx8ft)] + [(102ftx6ft)] + [(26.5ftx3ft)]x0.17ft, washed out due to rushing waters, 0% work completed. Base, 10.4 CY of Binder course, [(20ftx8ft)] + [(102ftx6ft)] + [(26.5ftx3ft)]x0.33ft, washed out due to rushing waters, 0% work completed. Guard Rail, 2 in diameter galvanized steel pipe, 70 FT long, were bent due to rushing waters with debris, 0% work completed. | |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- The asphalt on the 4-QC Low Water Crossing was washed out as a result of flowing water from Hurricane Maria. The Low Water Crossing was used for vehicle passage. | Corozal Sector, Quebrada Ceiba Ward | \$20,667.45 | | | | | 18.08101 | -66.7064 | Low Water Crossing Road Damage: Surface, 0.8023 CY of Asphalt, 14.5 FT long x 9 FT wide x 0.166 FT deep, washed out at the south exit due to rushing flood waters and debris, 0% work completed. Base, 1.6095 CY of Binder Course, 14.5 FT long x 9 FT wide x 0.333 FT deep, washed out at the south exit due to rushing flood waters and debris, 0% work completed. Metal Pipes, 3 each of Metal Pipes (3/16 IN) thickness, 30 FT long x 3 FT in diameter, broken due to rushing flood waters and debris, 0% work completed. Concrete, 4.525 CY of Concrete, 64 FT long x 23 FT wide x 0.083 FT deep, washed out at the east entrance and south exit due to rushing flood waters and debris, 0% work completed. | |



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|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|---|
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- The asphalt on the 7-QC Low Water Crossing was washed out as a result of flowing water from Hurricane Maria. The Low Water Crossing was used for vehicle passage. | Corozal Sector, Quebrada Ceiba Ward | \$3,157.74 | | | | | 18.08493 | -66.70755 | | Low Water Crossing Road Damage: Surface, 5.0622 CYof Asphalt, 67 FT long x 12 FT wide x 0.17 FT thick, wash out due to rushing flood water, 0% work completed. Base, 19.6533 CYof Crushed Stone, 67 FT long x 12 FT wide x 0.66 FT thick, wash out due to rushing flood water, 0% work completed. Sub Base, 24.7156 CYof Fill A-2-4, 67 FT long x 12 FT wide x 0.83 FT thick, wash out due to rushing flood water, 0% work completed. Undermine at south pipe, 0.5 CYof Undermined pipe, 3 FT long x 2 FT wide x 2 FT deep, the south side is undermined at the exit due to rushing flood water, 0% work completed. Binder Course, 9.8267 CYof Binder Course, 67 FT long x 12 FT wide x 0.33 FT thick, wash out due to rushing flood water, 0% work completed. Fill, 12.2222 CYof A-2-4, 16.5 FT long x 5 FT wide x 4 FT high, collapse due to rushing flood water, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- The El Salto Low Water Crossing was functional and in use before the event. The crossing was used by the Barreal community to connect the families that live across the stream with the rest of the Municipality. The structure is made of concrete with an asphalt road connected to the North and South of the crossing and four (4) corrugated metal pipes underneath. During the incident, three (3) of the CMPs were blocked with sediment and rocks pushed by the rushing flood waters causing the river to overlap the LWC. Low Water Crossing Description: Concrete Low Water Crossing of approximately 102 ft. (L) x 20 ft. (W) with a 0.50 ft. slab. Four (4) corrugated metal pipes 20 ft. (L) x 4 ft. (D), 0.33 ft. Potable water steel pipe approximately 40 ft. (L), 0.17 ft. Asphalt road North of LWC 17 ft. (W). Asphalt road South of LWC 17 ft. (W). Seven (7) concrete barriers 3 ft. x 1.5 ft. x 1.5 ft. on West side of LWC. Five (5) concrete barriers 3 ft. x 1.5 ft. x 1.5 ft. on East side of LWC | El Salto Sector, Barreal Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.08182 | -66.74069 | | Low Water Crossing Road Damage: Surface, 51 SF of the concrete 0.50 ft. slab, 6 FT long x 8.5 FT wide, was washed out by the river and created a hole near the center of the LWC, another concrete washed out area at the NW section of the LWC due to rushing water flooding, 0% work completed. Surface, 0.17 ft. Asphalt road North of LWC, 17 FT wide, The road connection with the LWC suffered erosion and washed out the fill underneath due to rushing water flooding, 0% work completed. Surface, 434 SF of 0.17 ft. Asphalt road North of LWC, 85 FT long x 17 FT wide, 30% of asphalt was washed out due to rushing water flooding, 0% work completed. Surface, 0.17 ft. Asphalt road South of LWC, 17 FT wide, The road connection with the LWC suffered erosion and washed out the fill underneath due to rushing water flooding, 0% work completed. Surface, 434 SF of 0.17 ft. Asphalt road South of LWC, 85 FT long x 17 FT wide, 30% of asphalt was washed out due to rushing water flooding, 0% work completed. Surface, 44 SF of concrete 0.50 ft. slab, 11 FT long x 4 FT wide, collapsed due to rushing water flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- The road connects approximately 300 families from the Barreal Ward with the Peñuelas Down Town area. At the site inspection there was evidence of a landslide that resulted in a collapsed road. The landslide also covered the entrance road 14 ft. (W) to the Felipe Quiñones Sector's Communal Center and approximately 75% of the canteen building for the Felipe Quiñones Sector's Baseball Park. Municipal Road Description: Municipal road of approximately 14 ft. (W) topped with a quarter of a foot (0.25 ft.) of asphalt pavement. Shoulder along the South side of the road of approximately 5 ft. (W). Shoulder along the North side of the road of approximately 2 ft. (W). Embankment along the South side of the road of approximately 30 ft. (H) x 40 ft. (W). Telecommunications wooden post of approximately 10 ft. (H) | PR-386 Km 3.2 Felipe Quiñones Sector, Barreal Ward, Peñuelas | Unknown | | | | | 18.08678 | -66.74837 | | Road Damage: Surface, 5.25 CYof 0.25 ft. of asphalt pavement, 54 FT long x 10.5 FT wide x 0.25 FT deep, South side of the road collapsed due to rushing flood waters, 0% work completed. Sub Base, 10.5 CYof 0.5 ft. Clean Stone/Rock, 54 FT long x 10.5 FT wide x 0.5 FT deep, collapsed due to rushing flood waters, 0% work completed. Shoulder, 336.1 CYof along the South side of the road, 60.5 FT long x 5 FT wide x 30 FT deep. Shoulder collapsed due to rushing flood waters, 0% work completed. Embankment, 2,017 CYof Embankment (wedge slope), 60.5 FT long x 40 FT wide x 30 FT high, collapsed, 0% work completed. Road, 430 CYof Fill A2-4, 54 FT long x 10.5 FT wide x 30 FT deep, collapsed, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- The Torres Bridge is two (2) continuous spans and galvanized guardrails pipes (Zn) bridge with height of 9 ft (top to foundation). One span was completely blocked. The foundation are exposed at least by three (3) feet. The bridge floor is 7in concrete slab. The six (6) column of the guardrail were collapsed and 2 in galvanized pipes were broken. There is collapsed ground before one of the wing wall (16L x 10' W x 6' D) | Los Torres Bridge, Los Torres Sector, Macaña Ward Peñuelas, PR 00624 | Unknown | | | | | 18.06153 | -66.76375 | | Foundation: Scour/Undermining, 4 CYof the foundation of the middle abutment of the bridge was undermined, 12 FT long x 3 FT wide x 3 FT deep, due to the high speed surface water, 0% work completed. Ground Fill, Ground Fill, 35.5556 CYof ground area collapsed, 16 FT long x 10 FT wide x 6 FT deep, due to the high speed of the surface water, 0% work completed. Guardrail Section: Guard Rail, 2 in galvanized steel pipes and concrete support columns of 2.5 ft (H) x 2 ft (W) x 1 ft (T) every 16 ft, 34 FT long, were broken due to the debris carried by the surface water flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- This facility is a municipal asphalt road (6.864 FT (L) x 14 FT (W), maintained by applicant, located in Rucio ward, it serve to approximated 25 houses. | Rucio Ward, Peñuelas, PR | \$167,124.83 | | | | | 18.07077 | -66.68382 | | Road Damage: 1: Surface, 605.0489 CYof asphalt, 6.864 FT long x 14 FT wide x 0.17 FT thick, surface water flooding, 0% work completed. Base, 1,174.5067 CYof binder course, 6.864 FT long x 14 FT wide x 0.33 FT thick, surface water flooding, 0% work completed. Sub Base, 0.1481 CYof Fill A-2-4, 1.6 FT long x 1 FT wide x 2.5 FT high, surface water flooding, 0% work completed. 2: Sub Base, 19 CYof fill A-2-4, 38 FT long x 3 FT wide x 4.5 FT high, surface water flooding, 0% work completed. 3: Curb, 0.5926 CYof concrete curb and gutter, 16 FT long x 2 FT wide x 0.5 FT thick, surface water flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Two (2) Concrete circular Culverts, one (1) of this of 3 foot (D) diameter and the other of 1.5 foot (D) diameter, both of 28 foot (L) length. | PR 386 interior (Ref: Cruz Family), Macaña Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.08936 | -66.75529 | | Culvert Damage: Wing Wall, 0.8148 CYof Concrete Wing wall (left Wall) at South East side, 11 FT long x 4 FT wide x 0.5 FT thick, destroyed due to the rushing flood waters, 0% work completed. Wing Wall, 0.5185 CYof Concrete Wing wall (Right Wall) at South East side, 7 FT long x 4 FT wide x 0.5 FT thick, destroyed due to the rushing flood waters, 0% work completed. Head Wall, 0.4444 CYof Concrete Head Wall at South East side, 6 FT long x 4 FT wide x 0.5 FT thick, destroyed due to the rushing flood waters, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Roads and Bridges- Vehicle Passageway | Los Castro Municipal Road, Pueblo Ward | Unknown | | | | | 18.05504 | -66.72639 | | No Location/Grouping: Embankment, 22.2222 CYof A-2-4 Fill, 25 FT long x 3 FT wide x 8 FT high, was damaged by surface water flooding, 0% work completed. Section 1: Surface, 12.2778 CYof Asphalt, 150 FT long x 13 FT wide x 0.17 FT high, was damaged by surface water flooding, 0% work completed. Base, 23.8333 CYof Binder Course, 150 FT long x 13 FT wide x 0.33 FT high, was damaged by surface water flooding, 0% work completed. Section 2: Surface, 8.5889 CYof Asphalt, 67 FT long x 21 FT wide x 0.17 FT high, was damaged by rushing flood water with debris, 0% work completed. Base, 17.1967 CYof Binder Course, 67 FT long x 21 FT wid |



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|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Peñuelas | Municipality | 07/16/20 | TRANS and Bridges- Asphalt TRAN approximately twelve (12) feet wide by .0167 feet thickness | Pedro Velazquez Street Peñuelas, PR 00624 | Unknown | | | | | 18.11459 | -66.71675 | | Group I: Culvert, 1 each of corrugated metal pipe (CMP) , 16 FT long x 3 FT in diameter, was washed out by rushing flood water with debris, 0% work completed. Head Wall, 3,7037 CY of concrete head wall, 10 FT long x 1 FT wide x 10 FT high, was washed out by rushing flood water with debris, 0% work completed. Surface, 18.5222 CY of asphalt, 250 FT long x 12 FT wide x 0.1667 FT high, was washed out by rushing flood water with debris, 0% work completed. Shoulder, 277.7778 CY of A-2-4 Fill, 50 FT long x 25 FT wide x 6 FT high, was washed out by rushing flood water with debris, 0% work completed. Group II: Surface, 1,997 CY of asphalt [(12 ft L x 3 ft W) + (10 ft L x 10 ft W)] + (31 ft L x 5 ft W) = 291 sf with thickness 0.1667 ft, was washed out by rushing flood water with debris, 0% work completed. Base, 3.556 CY of binder course [(12 ft L x 3 ft W) + (10 ft L x 10 ft W)] + (31 ft L x 5 ft W) = 291 sf with thickness 0.333 ft, was washed out by rushing flood water with debris, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | TRANS and Bridges- Los Perez Pedestrian Bridge was designed as a walkway for pedestrians | Los Perez Sector, Jaguas TRAN | \$4,415.58 | | | | | 18.0773 | -66.7263 | | No Location/Grouping: Concrete, 0.2943 CY of buttress, 4 FT long x 2 FT wide x 1 FT high, was undermined by debris and rushing flood waters, 0% work completed. Pedestrian Bridge: Guard Rail, 226 LF galvanized steel handrails with two (2) 1.5 IN (D) horizontal pipes, one (1) 2 IN (D) vertical pipe, 3.5 FT (H) every 8 FT and a chain link mesh 4 FT (H) along the entire length, 226 LF long, the handrails broke away from the metal floor of the bridge due to rushing flood water and debris, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | TRANS and Bridges- Municipal TRAN | 1-D and 8-QC Municipal TRANS, Quebrada Ceiba Ward, Peñuelas, P.R. 00624 | \$256,845.85 | | | | | 18.08839 | -66.7072 | | 1-D Municipal TRAN: Surface, 7.9 CY of Asphalt, [(27ft (L) x 5ft (W) + (70 ft (L) x 4.5 ft (W) + (70 ft (L) x 11.5 ft (W) x 0.17(D))]. Wash out caused by flood rushing water, 0% work completed. Base, 13.69 CY of Binder course, [(27ft (L) x 5ft (W) + (70 ft (L) x 4.5 ft (W) + (70 ft (L) x 11.5 ft (W) x 0.33(D))]. Wash out caused by rushing flood water, 0% work completed. Sub Base, 19.97 CY of Crushed stone, (70 ft (L) x 11.5 ft (W) x 0.67 (D)). Wash out caused by flood rushing water, 0% work completed. Shoulder, 129.6296 CY of Unclassified fill material, 70 FT long x 5 FT wide x 10 FT deep. Collapsed caused by rushing flood water, 0% work completed. Fill material, 268.3333 CY of A-2-4, 70 FT long x 11.5 FT wide x 9 FT deep, (W) side Collapse TRAN caused by rushing flood water, 0% work completed. 8-QC Municipal TRAN: Surface, 6.91 CY of Asphalt, [(42ft (L) x 6ft (W) + (26ft x 7ft) + (98.5 x 2) + (6 x 5) + (18 x 4) + (28 x 13) x 0.17(D))]. Washed away caused by flood rushing water, 0% work completed. Base, 13.41 CY of Binder course, [(42ft(L) x 6ft(W) + (26ft x 7ft) + (98.5 x 2) + (6 x 5) + (18 x 4) + (28 x 13) x 0.33(D))]. Binder course wash out caused by flood rushing water, 0% work completed. Sub Base, 9.77 CY of Crushed stone, [(6ft (L) x 5ft (W)) + (28ft (L) x 13ft (W)) x 0.67 (D)]. Wash out caused by rushing flood water, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | TRANS and Bridges- One (1) lane asphalted municipal TRAN known as El Llano, located at El Llano Sector, Barreal Ward, connecting this sector with the PR 386 | PR 386 Int, El Llano Sector, Barreal Ward, Peñuelas, PR 00624 | \$227,793.23 | | | | | 18.04976 | -66.6825 | | Section 1: Start: 18.088746, -66.741745; End: 18.092582, -66.748680; Surface, 359.04 CY of 40% of asphalt, 4.752 FT long x 12 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 696.96 CY of 40% of binder course, 4.752 FT long x 12 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Section 2: Start: 18.088746, -66.741745; End: 18.088732, -66.744258; Surface, 73.1378 CY of 15% of asphalt, 1.056 FT long x 11 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 141.9733 CY of 15% of binder course, 1.056 FT long x 11 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. Section 3: 18.087304, -66.741026; Surface, 13.4867 CY of asphalt, 153 FT long x 14 FT wide x 0.17 FT deep, washed out due to the rushing flood waters, 0% work completed. Base, 26.18 CY of binder course, 153 FT long x 14 FT wide x 0.33 FT deep, washed out due to the rushing flood waters, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | TRANS and Bridges- The Radames el Colorao (2-k) Municipal TRAN / 3-K Municipal TRAN at the Corea Sector connected parts of Quebrada Ceiba and Rucio Wards. | Corea Sector, Quebrada, Ceiba Ward, Peñuelas, PR 00624 | \$198,782.10 | | | | | Start GPS Latitude: 18.09209, | End GPS Longitude: -66.71045 | | Site 1 TRAN - 3-K: Shoulder, 6 CY of crushed stone, 120 ft x 4 ft x .33 ft = 158.4 CF / 27 = 6 CY, due to rushing flood water, 0% work completed. Site 1 TRAN 3-K: Surface, 4 CY of Asphalt, 120 ft x 4 ft x .25 ft = 120 CF / 27 = 4.444 CY, due to rushing flood waters, 0% work completed. Surface, 3 CY of Asphalt, (77 x 2 x 0.25) = (49 x 3 x 0.25) = 75.25 CF / 27 = 2.8 CY, due to rushing flood waters, 0% work completed. Base, 6 CY of Binder course, 120 ft x 4 ft x .33 ft = 158.4 CF / 27 = 5.9 CY, due to rushing flood water, 0% work completed. Site 1 TRAN shoulder - 3-K: Shoulder, 498 CY of Fill A2-4, 120 ft x 8 ft x 14 ft = 13,440 CF / 27 = 498 CY, due to rushing flood water, 0% work completed. Site 2 TRAN - 3-K: Surface, 2 CY of Asphalt, 110 ft x 2 ft x .25 ft = 55 CF / 27 = 2.04 CY, due to rushing flood water, 0% work completed. Sub Base, 3 CY of crushed stone for a collapsed TRAN and shoulder, 110 ft x 2 ft x .33 ft = 72.6 CF / 27 = 2.6 CY, due to rushing flood water, 0% work completed. Fill, 3 CY of base binder, 110 ft x 2 ft x .33 ft = 72.6 CF / 27 = 3 CY, due to rushing flood water, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Water Control Facilities- Pumping Facilities | PR, 132 Km, 89, Int. Coto Ward, Peñuelas, PR 00624 | Unknown | | | | | 18.05667 | -66.72227 | | PR 132 Km 8.9 Int. Coto Ward, Peñuelas, PR 00624: Pump, 3 each of Submersible sump pumps, 2,500 GPM, 25HP pumps damaged due to excess sediments carried by surface water flooding, 0% work completed. Generator, 1 each of Perkins Electrical Generator, 400 kW, damaged by surface water flooding, 0% work completed. Controls, 1 each of Control panel enclosure, 10 FT long x 3 FT wide x 9 FT high, leaning towards the SE at a 7 degree angle due to surface water flooding, 0% work completed. Underground storm water tank, 1 each of concrete tank with 99,000 gals capacity and two (2) metal grills on top 3ft (L) X 3ft (W) each, 72 FT long x 8 FT wide x 12 FT high, filled with sediments and stagnant due to surface water flooding, 0% work completed. Wing walls, 1 each of concrete wing wall, 5 FT long x 4 FT deep, undermined due to surface water flooding, 0% work completed. |
| Peñuelas | Municipality | 07/16/20 | Water Control Facilities- Earth channel | Loyola Sector, PR-132 km 8.4 | Unknown | | | | | 18.06595 | -66.74496 | | Channel, earth channel, 500 FT long, runoff water with rocks blocked a community entrance in heavy rain events, 0% work completed. |



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|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|---|
| Penueles | Municipality | 07/16/20 | Water Control Facilities- Santa Domingo Run - Off Water Channel | PR-132 Km 7.8, Santo Domingo Ward, Penueles, PR 00624 | Unknown | | | | | 18.06348 | -66.75003 | | No Location/Grouping: Culvert, 1,700 CF of Accumulated debris Obstruction divided by 27 = 63 CY, 34 FT long x 10 FT wide x 5 FT deep, due to rushing flood water, 0% work completed. Bottom: DRAINAGE SYSTEM, 6,750 SF of of Trapezoidal Water Channel (Gabions) , 450 FT long x 15 FT wide, was eroded from the flow of rushing flood water and rocks from broken gabions, 0% work completed. East Side: Drainage System, 4,050 SF of of Trapezoidal Water Channel (Gabions) , 450 FT long x 9 FT wide, was eroded from the flow of rushing flood water and rocks from broken gabions, 0% work completed. West Side: Drainage System, 4,050 SF of of Trapezoidal Water Channel (Gabions), 450 FT long x 9 FT wide, was eroded from the flow of rushing flood water and rocks from broken gabions, 0% work completed. |
| Penueles | Municipality | 07/16/20 | Water Control Facilities- This facility is an existing creek that crosses a big residential area in Tallaboa Alta W., Penueles, P.R. | La Moca Sec., Tallaboa Alta W., Penueles, P.R. off Rd. #391, Km. 0.7 | Unknown | | | | | 18.05484 | -66.6971 | | Embankment, 7,992 CY of Natural soil, 3,330 FT long x 8.1 FT wide x 8 FT high. The flooding scoured the creek's natural banks on both sides and took off the natural soil, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | West Side - Exterior Site, Chain-link fence: composed of gauge 9 wire mesh, Galvanized Top Rail (sch. 40) of 1.25 IN diameter and vertical Posts (sch. 40) of 2 IN diameter every 10 FT. Embedded in a concrete base, 30 FT long x 6 FT high, Broken due to high velocity winds and wind blown debris . 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Building Interior, 3 each of mini-split A/C units from the Guelcía Gonzalez Bigas Room, the Archeology Room, and the Administrative office, 12,000 BTU, Broken from high velocity winds and wind driven rain, 0% work completed. Building Interior, 1 each of mini-split A/C unit from the Reception Area, 18,000 BTU, broken from high velocity winds and wind driven rain, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Painted Plaster Wall: Building Interior, Painted Plaster, 1 FT long x 2 FT wide, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the wall caused blistering and peeling of the painted plaster surface, 0% work completed. 3. RestroomOne: A) Ceiling: Building Interior, Painted Plaster, 12.667 FT long x 5.917 FT wide, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the ceiling caused blistering and peeling of the painted plaster surface, 0% work completed. B) Walls: Building Interior, 2 each of Painted Plaster, 12.667 FT long x 9 FT high, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the walls caused blistering and peeling of the painted plaster surface, 0% work completed. J) Walls: Building Interior, 2 each of Painted Plaster, 5.917 FT wide x 9 FT high, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the walls caused blistering and peeling of the painted plaster surface, 0% work completed. 4. RestroomTwo: A) Ceiling: Building Interior, Painted Plaster, 12.667 FT long x 4.833 FT wide, High velocity winds caused |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | B) Walls: Building Interior, 2 each of Painted Plaster, 12.667 FT long x 9 FT high, High velocity winds caused uplift of the Galvalume roof panels, which in turn, caused leaking inside the facility. Leaking water onto the walls caused blistering and peeling of the painted plaster surface, 0% work completed. Playground: A) Playground Surface: Exterior Site, Rubber Play Surface - 3.50-inch (min) Thick Interlocking Tiles, 30 FT long x 24 FT wide, Heavy rainfall, along with wind driven rain, submerged the play area, dislodging and displacing the rubber play surface tiles. (NOTE: Comparable product - PlaySafe PERFORA Tiles; Required Standards: ASTM F1292; Approved Products by International Play Equipment Manufacturers Association), 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Handrail, 1 each of Galvanized iron handrails on both sides of the culvert and road of approximately 70 ft. (L) x 3.6 ft. (H) x 0.25 ft. (D) EA with vertical galvanized iron pipes 3.6 ft. (H) x 0.25 ft. (D) EA every 7 ft., and an additional 0.17 ft. horizontal galvanized iron pipe between the top pipe and the parapet, 60 FT long, West handrail torn, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | work completed. Building Interior, 29 each of 2ft X 2ft Acoustic ceiling tiles, broken(destroy) caused by water filtration, 0% work completed. Building Interior, 1 each of Mini split A/C Unit, 3 Tons or 36,000 BTU, A/C unit broken and torn caused by wind driven rain . 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Fuel dispatch area: Building Exterior, 612 SF of metal sheet roof, 34 FT long x 18 FT wide, 100 % destroyed by high velocity winds, 0% work completed. Building Exterior, 1 each of flashing around metal sheet roof, 104 LF long, destroyed by high velocity winds, 0% work completed. Exterior Site, 3 each of galvanized triangular frames, 14 FT long x 0.17 FT high x 0.17 FT thick, destroyed due to high velocity winds, 0% work completed. Exterior Site, 4 each of 1 inch x 1 inch square pipe purlins, 34 FT long, destroyed by high velocity winds, 0% work completed. Mechanic's shop: Building Exterior, 2,500 SF of metal sheet roof, 50 FT long x 50 FT wide, Destroyed due to hurricane force winds, 0% work completed. Building Exterior, flashing on East, South and West sides, 120 FT long, 100% destroyed by high velocity winds, 0% work completed. Building Exterior, aluminum gutter, 100 FT long x 0.67 FT wide x 0.17 FT thick, destroyed by high velocity winds, 0% work completed. Building Exterior, 3 each of downspouts, 12 FT long x 0.33 FT wide, torn destroyed by high velocity winds, 0% work completed. Building Exterior, 3 each of 400 W EA metal halide luminaires , broken by high velocity winds, 0% work completed. Building Interior, 2 each of type T-12 fluorescent lamps with two (2) tubes EA, 8 FT long, destroyed with both tubes due to high |



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|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|---|--|
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Parking area: Exterior Site, 8,500 CF of asphalt, 250 FT long x 200 FT wide x 0.17 FT thick, 75% washed out and scoured from rushing flood waters, 0% work completed. Exterior Site, metal lighting pole, 30 FT high, inclined approximately 10 degrees by high velocity winds, 0% work completed. Plastic compactor area: Building Exterior, 120 SF of galvanized steel sheet roof, 12 FT long x 10 FT wide, 100% torn and destroyed by high velocity winds, 0% work completed. Building Exterior, 4 each of galvanized steel square pipe columns, 13 FT long x 0.17 FT wide x 0.17 FT thick, dented and deformed by high velocity winds, 0% work completed. Building Exterior, 4 each of galvanized steel square pipe top frame, 14 FT long x 0.17 FT wide x 0.17 FT thick, dented and deformed by high velocity winds, 0% work completed. Small office: Building Exterior, 132 SF of galvanized steel sheet roof, 16.5 FT long x 8 FT wide, 100% torn and destroyed by high velocity winds, 0% work completed. Welding shop: Building Exterior, 22 SF of galvanized steel sheet roof, 22 FT long x 10 FT wide, 100% torn and destroyed by high velocity winds, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Low Water Crossing: Pipe, 5 each of Corrugated metal pipe, 20 FT long x 4 FT in diameter, washed out or destroyed from Low Water Crossing due to rushing flood waters, 0% work completed. Foundation, 646 SF of concrete, 34 FT long x 19 FT wide, undermined to the point where the river flows from under the foundation and the CMPs run dry due to rushing flood waters, 0% work completed. West of LWC: Surface, 34 CF of Asphalt paved municipal road, 15 FT long x 9 FT wide x 0.25 FT deep, Collapsed at West side due to rushing flood waters, 0% work completed. Surface, 90 CF of Asphalt paved municipal road, 30 FT long x 12 FT wide x 0.25 FT deep, Asphalt washed out due to rushing flood waters, 0% work completed. Base, 45 CF of Binder Course, 15 FT long x 9 FT wide x 0.33 FT deep, Surface Water Flooding, 0% work completed. Sub Base, 45 CF of Crushed stone, 15 FT long x 9 FT wide x 0.33 FT deep, Surface Water flooding, 0% work completed. Shoulder, 20 CY of fill A2-4, 15 FT long x 9 FT wide x 4 FT high, Collapsed, 0% work completed. Asphalt road, 7 CY of fill A2-4, 12 FT long x 4 FT wide x 4 FT deep, Collapsed, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Site 2 road shoulder: Fill, 342 CY of fill A2-4, 110 ft x 6 ft x 14 ft = 9,240 CF / 27 = 342.2 CY, due to rushing flood water, 0% work completed. Site 3 road -3-K: Base, 2 CY of Binder course, 77 ft x 2 ft x .33 ft = 50.8 CF / 27 = 1.8 CY, due to rushing flood waters, 0% work completed. Sub Base, 2 CY of crushed stone, 77 ft x 2 ft x .33 ft = 50.8 CF / 27 = 1.822 CY, due to rushing flood water, 0% work completed. Site 3 road and shoulder - 3-K: Fill, 239 CY of fill A2-4, 77 ft x 6 ft x 14 ft = 6,468 CF / 27 = 239.55159.7 CY, due to rushing flood water, 0% work completed. Site 4: Surface, 18 CY of Asphalt washed away, 4 ft x 3 ft + 7 ft x 4 ft + 20 ft x 8 ft + 6 ft x 2 ft + 11 ft x 8.5 ft + 23 ft x 8 ft + 34 ft x 8 ft + 120 ft x 17 ft = 2,801.5 x 0.17 = 476.26 / 27 = 17.6, due to high velocity rushing flood waters, 0% work completed. Surface, 0.28 CY of concrete washed away, 6 ft x 5 ft x .25 ft = 7.5 CF / 27 = 0.28 CY, due to high velocity rushing flood waters, 0% work completed. Base, 17.6 CY of binder course, 4 ft x 3 ft + 7 ft x 4 ft + 20 ft x 8 ft + 6 ft x 2 ft + 11 ft x 8.5 ft + 23 ft x 8 ft + 34 ft x 8 ft + 120 ft x 17 ft = 2,801.5 x 0.17 = 476.26 / 27 = 17.6, due to high velocity rushing flood waters, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Foundation, 816 CF of LWC concrete foundation, 102 FT long x 4 FT wide x 2 FT deep, undermined due to rushing water flooding, 0% work completed. Low Water Crossing (LWC), 3 each of corrugated metal pipes, 20 FT long x 4 FT in diameter, were blocked by debris pushed in from the West side. The condition of these CMPs could not be evaluated, 0% work completed. Pipes, 1 each of 0.33 ft. Potable water steel pipe, 40 FT long, torn from supports attached to LWC South side and spill from ground connection due to rushing water flooding, 0% work completed. Barriers, 7 each of concrete barriers on West side of LWC, 3 FT long x 1.5 FT wide x 1.5 FT high, missing due to rushing water flooding, 0% work completed. Barriers, 1 each of concrete barriers on East side of LWC, 3 FT long x 1.5 FT wide x 1.5 FT high, concrete barrier on the South side collapsed with part of the LWC slab due to rushing water flooding, 0% work completed. Pipe base, 9 CF of concrete base, 3 FT long x 2 FT wide x 1.5 FT high, broken due to rushing water flooding, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Fill, 305.5556 CY of A-2-4, 30 FT long x 25 FT wide x 11 FT deep, in part of the road and adjacent areas collapsed near the culvert due to surface water flooding and foundation seepage, 0% work completed. Chain link fence, Chain link fence 4 ft high with top horizontal galvanized 1.5 in pipe and a vertical 2 in pipe every 10 ft, 25 FT long, broken by high winds and wind blown debris, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Gate: Exterior Site, galvanized steel rectangular pipe 2 in x 1 in, 6 FT long, torn and destroyed by high velocity winds, 0% work completed. Exterior Site, 1 each of plastic lattice gate with two (2) horizontal 1 in x 1 in galvanized steel square pipes 6 ft (L) and two (2) vertical 1 in x 1 in galvanized steel square pipes 4 ft (L), 6 FT wide x 4 FT high, torn and destroyed by high velocity winds, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Sub Base, 24 CY of Crushed stone, 242 FT long x 8 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. Shoulder, 672 CY of fill A2-4, 242 FT long x 5 FT wide x 15 FT deep, collapse due to rushing flood waters, 0% work completed. Road, 18 CY of asphalt paved municipal road, 242 FT long x 8 FT wide x 0.25 FT deep, collapse due to rushing flood waters, 0% work completed. Road, 1,076 CY of fill A2-4, 242 FT long x 8 FT wide x 15 FT high, collapsed due to surface Water Flooding, 0% work completed. |



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| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Fencing, protective 4 IN corrugated plastic tube over chain link fence, 24 LF long, torn off and destroyed due to high velocity wind and wind driven rain, 0% work completed. Signage, 1 each of welcome sign, 35 FT long x 2 FT high, destroyed due to high velocity wind and wind driven rain, 0% work completed. north east side of field: Lighting, 2 each of lighting fixtures, 1,500 Watt, torn due to high velocity winds and wind driven rains, 0% work completed. surrounding the stadium: Fencing, 3,120 SF of concrete block fence, 312 FT long x 10 FT high, collapsed due to rushing flood water, high velocity wind and wind driven rain, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | west side of field: Athletic Fields, 252,000 CF of baseball field, 315 FT long x 32 FT wide x 25 FT high, collapsed due to rushing flood water, high velocity wind and wind driven rain, 0% work completed. Athletic Fields, 2,737 SF of baseball players synthetic flooring (warming) running track, 195.5 FT long x 14 FT wide, collapsed due to rushing flood water, high velocity rain, and wind driven rain, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Fill material, 7,4074 CYof A-2-4, 100 FT long x 2 FT wide x 1 FT deep, washed out due to the rushing flood waters, 0% work completed. Fill Material, 31,1389 CYof A-2-4, 59 FT long x 14.25 FT wide x 1 FT deep, washed out due to the rushing flood waters, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | West of Bridge Road, 17 CF of Asphalt paved municipal road, 20 FT long x 5 FT wide x 0.17 FT deep, Collapsed road at bridge exit due to rushing flood waters, 0% work completed. Road, 34 CYof Fill A2-4 for municipal road, 20 FT long x 5 FT wide x 9.17 FT high, Surface Water flooding, 0% work completed. Surface, 4 CYof Asphalt paved municipal road, 46 FT long x 13 FT wide x 0.17 FT deep, washed out asphalt due to the rushing waters, 0% work completed. Base, 1 CYof Binder Course, 20 FT long x 5 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. Base, 7 CYof Binder Course, 46 FT long x 13 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. Sub Base, 1 CYof Crushed Stone, 20 FT long x 5 FT wide x 0.33 FT high, Surface Water Flooding, 0% work completed. West of Road: Shoulder, 111 CYof fill A2.4 West Shoulder, 60 FT long x 5 FT wide x 10 FT deep, Collapsed at bridge entrance due to rushing flood waters, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Embankment, 1,053.3333 CYof Unclassified Material Road Embankment Segment (Triangular section profile) (total cubic yard /2) Estimated, 158 FT long x 6 FT wide x 30 FT high, collapsed due to the rushing flood waters, 0% work completed. Guard Rail, 1 each of Guard Rail, 158 LF long, collapsed due to the rushing flood waters driven debris, 0% work completed. Site 5 - Start: 18.076477, -66.754198; End: 18.080982, -66.785346; Surface, 0.6548 CYof asphalt, 26 FT long x 4 FT wide x 0.17 FT thick, washed out due to the rushing flood waters, 0% work completed. Surface, 2,2919 CYof asphalt, 28 FT long x 13 FT wide x 0.17 FT thick, washed out due to the rushing flood waters, 0% work completed. Base, 1.2711 CYof binder course, 26 FT long x 4 FT wide x 0.33 FT thick, washed out due to the rushing flood waters, 0% work completed. Base, 4.4489 CYof binder course, 28 FT long x 13 FT wide x 0.33 FT thick, washed out due to the rushing flood waters, 0% work completed. |
| Penueles | Municipality | 07/16/20 | | | Unknown | | | | | | | | Shot Put Area: Athletic Fields, 2 each of shot put area with approximate dimensions of 50 ft (L) x 30 ft (W) with nine (9) aluminum poles and gate to support a protective net, aluminum poles collapsed and bent due to rushing flood water, high velocity wind and wind driven rain, 50% work completed. Skate board area: Signage, 1 each of Area rules sign, 3 FT long x 2 FT wide, broken due to the high velocity winds, 0% work completed. Athletic Fields, 210 SF of Chain link fence with one (1) vertical 2 in galvanized steel pole 3 ft (H) every 10 ft and one (1) horizontal 2 in galvanized steel pole on top along the length of the fence, 70 FT long x 3 FT high, broken from tree falls due to high velocity winds, 0% work completed. |
| Ponce | Municipality | 07/10/20 | Canalization of the old channel of the Portuguese River with a dike on both sides of the channel from the Villa Tabaiba Urbanization to the existing Bridge on Avenida Padre Noel (PR 585). | Portugues River has a length of nearly 30 kilometers (19 mi) and runs south from the Cordillera Central mountain range into the Caribbean Sea. The proposed project is located at the Playa Ward, it limits to the West with the Matilde River, to the South with the Caribbean Sea and to the East with the Port of Ponce. | \$7,500,000.00 | \$0.00 | \$0.00 | \$7,500,000.00 | The approximate length of the dike is 800 meters (2,624 feet) on both sides. The Dike will be approximately 8 feet high with a trapezoidal base that would have an approximate width of 12 feet at its base and an approximate width of six feet at the top. | 17.983338 | -66.622853 | 100-year flooding | |
| Ponce | Municipality | 07/10/20 | Construction of a Gabion wall for a stormwater discharge channel serving the Mameyes, La Lula, Jaime L. Drew and Tibes Town House communities. | Construction would include from the Urb. Jaime L. Drew park to a bridge located on the PR 503 state highway. | \$2,700,000.00 | \$0.00 | \$0.00 | \$2,700,000.00 | The total length of the water channel to be channeled is 1.2km. | 18.037 | -66.616189 | 100-year flooding | |
| Ponce | Municipality | 07/10/20 | Construction of a Green Roof of Ponce Servicios Building. | Ponce Servicios Building is a municipal building that serve as a multi office building, and brings services to all the citizens. | \$2,200,000.00 | \$0.00 | \$0.00 | \$2,200,000.00 | Approx 100,000 sq ft | 18.01582 | -66.61212 | High Temperature | |
| Ponce | Municipality | 07/10/20 | Construction of a potable water project for the northern rural area of Ponce. | Guaraguao, San Patricio, Anon, Tibes, Monte Llano and Maraguez Wards. | \$38,000,000.00 | \$0.00 | \$0.00 | \$38,000,000.00 | The approximate length of the project is 15 kilometers (9.3 Miles). | 18.123757 | -66.635841 | Drought | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|--|
| Ponce | Municipality | 07/10/20 | Construction of a reinforced wall to protect one of the sides of the Pastillo River's channel. The wall will be of reinforced with geotextile mesh and gabion wall. | Rio Pastillo is a river in the municipality of Ponce. It is also known as Rio Marueño in the area of the municipality where it runs through Barrio Marueño. Together with Cañas River, Pastillo forms Matilde River. | \$4,500,000.00 | \$0.00 | \$0.00 | \$4,500,000.00 | The project would have an approximate length of 750 meters (2,460 feet) on the west side of the river channel. | 18.021241 | -66.654511 | 100-year flooding | |
| Ponce | Municipality | 07/10/20 | Construction of Box Culvert with dimensions of 12 feet of base by 6 feet of height along Avenida Miramar (Rafael Lugo González). The project requires a high-range design due to the type of soil where it is located and the problem of water accumulation and related recurring problems in the area. | This project seeks to mitigate the problems of floods and excessive accumulation of rainwater on Avenida Las Américas (PR 163) in front of the Americas Housing residential complex. | \$10,000,000.00 | \$0.00 | \$0.00 | \$10,000,000.00 | The approximate length would be 850 linear meters (2,788 feet) | 18.00002 | -66.626864 | 100-year flooding | |
| Ponce | Municipality | 07/10/20 | Construction of breakwater wall and living coast to prevent the direct effect of storm surge in the community of Los Meros, San Tomás and Puerto Viejo de la Playa de Ponce. This project will benefit 6,642 inhabitants | The proposed project is located in the Playa Ward of the Municipality of Ponce. It limits to the West with the Matilde River, to the South with the Caribbean Sea and to the East with the Port of Ponce. | \$18,000,000.00 | \$0.00 | \$0.00 | \$18,000,000.00 | The benefited area comprises approximately 2,300 meters (7,546 feet) of coastline. The project will maintain the natural geomorphology of the area. | 17.982216 | -66.626528 | Hurricane Storm Surge | |
| Quebradillas | Municipality | 08/19/20 | Harden and project the Government Center. 13,634 sq. ft. install storm shutters, replace existing openings with wind resistant materials improving performance of building structures. Phase 1: inspection and design by a professional to assess structure & identify vulnerabilities that must be addressed to resist hurricanes and guarantee services. Phase 2: Install mitigation strategy. | Calle San Carlos # 60 Quebradillas, P.R. 00678 | \$75,000.00 | | | \$75,000.00 | | 18.472215 | -66.937681 | Hurricane Force Winds | Government Center is where most essential services are offered to the community of 24,994 citizens with annual operating budget of approx. \$8,111,245.00. During Hurricane Maria the Center had \$356,000.00 in damages. Conducting storm shutters will comply with 2018 PRBC. |
| Quebradillas | Municipality | 08/19/20 | Harden the City Hall 8,430 sq. ft. from 2017 made of concrete. Install storm shutters, replace existing openings with wind resistant materials improving performance of building structures. Phase 1: inspection and design by professional to assess structure & identify vulnerabilities that must resist hurricanes and guarantee services. Phase 2: Install mitigation strategy. | Calle Socorro # 151 Paseo Linares Quebradillas, P.R. 00678 | \$29,184.00 | \$29,184.00 | HMGP (Hazard Mitigation Program) | | | 18.473112 | -66.938275 | Multi-Hazard Mitigation | Installation of storm shutters will comply with 2018 PRBC. Performing this mitigation measures will ensure critical services are provided before, during and after a hurricane. |
| Quebradillas | Municipality | 08/19/20 | Harden the City Hall, 8,430 sq. ft. from 2017 made of concrete. Install generator & solar panels with batteries. Phase 1: Inspection by a professional to assess structure & identify vulnerabilities that must be addressed to resist hurricanes and guarantee services. Were affected critical services, Finance, Federal Programs, Human Resource and Mayor Office were closed to the public for 60 days, affecting the continuity of the services in the City Hall. | Calle Socorro # 151 Paseo Linares Quebradillas, P.R. 00678 | \$70,000.00 | | | \$70,000.00 | | 18.473112 | -66.938275 | Multi-Hazard Mitigation | City Hall is where most essential services are offered to the community of 24,994 citizens with annual operating budget of approx. \$8,111,245.00. During Hurricane Maria it had \$110,000.00 in damages. Installation of storm shutters will comply with 2018 PRBC. This mitigation will ensure the services. |
| Quebradillas | Municipality | 08/19/20 | Harden the Government Center. 13,634 sq ft. install generator & solar panels with batteries. Phase 1: inspection by a professional to assess structure & identify vulnerabilities that must be addressed to resist hurricanes and guarantee services. Phase 2: Install mitigation strategy. During Hurricane Maria, water infiltration through windows and doors, caused damages to critical docs and equipment, also power and water outage affecting the services. | Calle San Carlos # 60 Quebradillas, P.R. 00678 | \$256,520.00 | | | \$256,520.00 | | 18.472215 | -66.937681 | Multi-Hazard Mitigation | Government Center is where most essential services are offered to the community of 24,994 citizens with annual operating budget of approx. \$8,111,245.00. During Hurricane Maria the Center had \$356,000.00 in damages. Performing mitigation will ensure that critical services are provide. |
| Quebradillas | Municipality | 08/19/20 | The project seeks to provide resiliency and energy to the Elderly Day Care 8,800 sq. ft. concrete. Install storm shutters, replace existing openings with wind resistant materials improving performance of building structures. Phase 1: Inspection and design by a professional to assess structure & identify vulnerabilities that must be addressed to resist hurricanes and guarantee services. Phase 2: Install mitigation strategy. | Elderly Day Care Center / Wilfredo Iglesias Calle Luis Muñoz Rivera Bo. Pueblo Quebradillas, P.R. 00678 | \$22,000.00 | | | \$22,000.00 | | 18.475396 | -66.937373 | Hurricane Force Winds | The site offers essential or critical services, emergency operations, elderly care, medical services, food, water and sheltering during the Hurricane. After Hurricane Maria the building had \$113,822.19 in damages. |
| Quebradillas | Municipality | 08/19/20 | The project seeks to provide resiliency and energy to the Elderly Day Care 8,800 sq. ft. concrete. Mitigation action provide solar panels and batteries to generate electricity during power outage. Phase 1: Include inspection by a professional to assess structure, space needed and generation capacity. Phase 2: Implement the mitigation. | Calle Socorro # 151 Paseo Linares Quebradillas, P.R. 00678 | \$290,000.00 | | | \$290,000.00 | | 18.475396 | -66.937373 | Multi-Hazard Mitigation | The Center offers essential /critical services, emergency operations, medical services, food, water and sheltering. With an annual operating budget of \$350,000.00, providing services to 252 people that benefited by the emergency services provide. The building suffers \$113,822.19 in damages. |
| Quebradillas | Municipality | 08/19/20 | The Raymond Dalmou Coliseum served as an emergency Distribution Center during the recovery of Hurricane Maria. Install generator & solar panels with batteries. Phase 1: Inspection by professional to assess structure & identify vulnerabilities that must be addressed to resist hurricanes and guarantee services. Phase 2: Install the mitigation strategy. | Carr # 2 Km 99.8 Bo. Cocos / Bo. Cacao, Quebradillas, P.R. 00678 | \$640,000.00 | | | \$640,000.00 | | 18.461719 | -66.929205 | Multi-Hazard Mitigation | The Coliseum is located at an accessible point allowing 24,994 citizens access to aid and supplies at the time of the disaster. During hurricane Maria the Coliseum had \$4,287,000.00 in damages. These mitigation measures will ensure that critical services are provided during the emergency. |
| Quebradillas | Municipality | 08/19/20 | This Project intends to relocate the emergency managements office in the Old City Hall space. The actual office suffers damages by hurricane Maria, making also delaying the response in the emergency. This office serves 24,994 citizens, who were at risk during the damages by the hurricane. During phase 1: we would design current space to meet COE requirements and phase 2: would implement the design. | Calle San Carlos Esq. Pérez Soler #60 Quebradillas, P.R. 00678 | \$2,000,000.00 | | | \$2,000,000.00 | | 18.472215 | -66.937681 | Multi-Hazard Mitigation | The new location will meet the COE standards and will have a safe room for our employees. This new location will be more accessible to reach our citizen and close to Police Station, Fire Station and urban area. The additional space will provide overnight area and comfortable Center Operations. |
| Quebradillas | Municipality | 08/19/20 | This Project is intended to prepare the distribution center of Quebradillas with the necessary tools to manage the logistic of goods (Food, Water, etc.) that are delivered to the Coliseum for emergency distribution. Phase 1: Identify the equipment necessary to help load and unload containers and store goods once they have been unloaded. During Phase 2: we will purchase and store items in the coliseum. | Carr PR -2 Km 99.8 Bo Cacao y Cocos Quebradillas P.R. 00678 | \$50,000.00 | | | \$50,000.00 | | 18.461907 | -66.929923 | Multi-Hazard Mitigation | By making a Distribution Center in the Coliseum Raymond Dalmou, will help to have a more rapid respond to the community. Facilitating the management of food, portable water and durable goods. |
| Quebradillas | Municipality | 08/19/20 | This project looks to install a preassembled military style bridge 60.6 mts long and 6 mts wide over the existing bridge. This will provide a secondary emergency exit route without placing any further strain on the current structure. Phase 1: Includes inspection by professional to assess the bridge structure and identify vulnerabilities that must be addressed to resist forces associated with hurricanes. Phase 2: Implement installation. | Calle La Estación, Ramal 4484, Km 2.0 Barrio Teranova, Quebradillas, P.R. 00678 | \$720,000.00 | | | \$720,000.00 | | 18.48655633 | -66.92544135 | Multi-Hazard Mitigation | Puente Blanco bridge was built in 1922 for the Train System. Then it was use as a secondary route. Later in was close because of the deterioration. Until the hurricane Maria force to used it, because it was the only route for evacuation for the communities of San Jose and Teranova. |
| Quebradillas | Municipality | 08/19/20 | This Project looks to retrofit the Emergency Management Offices with a portable water distribution vehicle, a diesel and gasoline distribution vehicle, a 10 K diesel and a 5K Gasoline tank that would give us the ability for continuous search and rescue missions in remote areas of our city without having to stop for refueling and portable water distribution during emergencies. | Calle San Carlos Esq. Pérez Soler #60 Quebradillas, P.R. 00678 | \$350,000.00 | | | \$350,000.00 | | 18.472215 | -66.937681 | Multi-Hazard Mitigation | During hurricane Maria 24,994 citizen were left uncommunicated, without water and portable water. During the rescue mission we found our selves with limited fuel and was hard to find, and some cases we have to stop our rescue mission to travel miles to refuel our equipment, delaying the process. |
| Quebradillas | Municipality | 08/19/20 | This project will increase capacity of runoff management and repetitive floods with new stormwater infrastructure of communities along rd. 119 - 453, near Margarita creek, because absence of stormwater control system. Phase 1: HH study required to assess hydraulic condition, determine capacity of new stormwater system, retention ponds and creek capacity to manage adequately runoff and flood protection measures. | Carr 119 / 453 Quebrada Las Margaritas, Quebradillas, P.R. 00678 | \$890,000.00 | \$890,000.00 | HMGP (Hazard Mitigation Program) | | | 18.400994 | -66.908994 | 100-year flooding | This project will mitigate flooding of hundreds of structures near the Margarita creek, obstruction roads 119/453 that serves as main access to the communities to essential or critical services, apply infrastructure to reduce runoff and maintain road access during flood events. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|--|
| Quebradillas | Municipality | 08/19/20 | This Project will increase capacity to manage runoffs and repetitive floods with a new stormwater infrastructure of communities along Rd. Santos Rosado Tosado, because absence of stormwater control syst. retention ponds and creek capacity to manage adequately runoff, define system needs, design cost effective combination of detention / retention, storm sewer and greens infrastructure flood protection measure. Phase 2: Implement. | Parcelas San Antonio Calle Santos Tosado Quebradillas, P.R. 00678 | \$875,000.00 | \$875,000.00 | HMGP (Hazard Mitigation Program) | | | 18.4446306 | -66.9377034 | 100-year flooding | Channeling runoff at a distance of 433 LM approx. towards a sink with a flow sink area and cleaning station for sediments and debris. Project will mitigate flooding of hundreds of structures near to San Antonio and Cacao community, which serves as essential route for safety to the community. |
| Quebradillas | Municipality | 08/19/20 | This projects seeks to retrofit La Bellaca bridge of 94 mts of extension, 125' of elevation, its pillars were built with bricks and stones during the Spanish period ans was completed in 1906. Currently serves as a sanitary pipe of PRASA (Iron Frame). Phase 1: Inspection by professional to asses the bridge structure & identify vulnerabilities to resist forces associated with hurricanes and prevent collapse of sanitary pipe (creek is below). Phase 2: Install | Carr 4485 Interior Calle Panoramica Lado Este Quebradillas, P.R. 00678 | \$560,000.00 | \$560,000.00 | HMGP (Hazard Mitigation Program) | | | 18.479887 | -66.9025597 | Multi-Hazard Mitigation | This Historically a train track, now a tourist attraction generates economic benefits. During Hurricane Maria high winds caused damages to the bridge endangering the movement of sanitary pipe to the creek. Mitigation will reduce the collapse of the bridge and the sanitary pipe. |
| Quebradillas | Municipality | 08/19/20 | This two phase project will mitigate flooding along road PR 437 interior. Phase 1: will assess the hydraulic condition and capacity of water runoff, sink hole, storm sewers, define system improvement needs and design a cost effective combination of flood diversion, storage, pump station and other flood protection measures. Phase 2: will implement the design. | PR 437 int. Calle El Llano Km. 3.0 Quebradillas, P.R. 00678 | \$790,000.00 | | | \$790,000.00 | | 18.41145264 | -66.9342933 | Multi-Hazard Mitigation | This project will mitigate impossible flooding of 6 ft of water for a population of 451 citizens and a low quick acces for Emergency Management. It will also use green infrastructure, reduce runoff, improve water quality, minimize maintenance and maintain road access during flood events. |
| Rincon | Municipality | 06/29/20 | Rincon has an annual floating population of 100,000. During Hurricane Maria, coastal houses (many used as guesthouses) were destroyed and debris polluted the beach. Broken concrete blocks and sharp steel rods generated by the destruction of these structures represent a great hazard to human life since this is a highly visited tourist area. Properties will be surveyed, appraised, and bought. Remaining structures will be demolished and debris will be removed and properly disposed. New open spaces will be generated and maintained free of any permanent construction. The proper implementation of the proposed mitigation project will require an approximate budget of \$5,000,000.00 and should be completed in 24 months. Government acquisition of hazard-prone properties and the elimination of the possibility of their development is the most effective hazard mitigation strategy. Human life will be protected and new open spaces will be created. | Reduce Sediment Pollution and Risk from Landslides. Reduce Coastal Erosion and Provide Disaster Protection.Through Beaches and Dunes. Reduce Urban Nuisance Flooding Reduce Sedimentation of Water Bodies. Assess, Repair, Rehabilitate, or Relocate Substantially Damaged Owner-Occupied Homes. Assess Vulnerability of Non-Substantially Damaged Homes. | \$5,000,000.00 | FEMADR, PPR, OTHER FEDERAL, STATE AGENCIES, STATE LEGISLATURE FUNDS. | DUE TO THE RECENT MAYOR DISASTERS EVENTS, HURRICANE MARIA 2017, EARTHQUAKE 2020 ON SOUTHWEST AREA AND COVID 19, EMERGENCY FUNDS EXPENSES EXPENDED RINCON MUNICIPALITY IS UNABLE TO MATCH FUNDS . | \$5,000,000.00 | 2.27 KM. | 18.31963 | -67.24661 | nce floodingReduce sedimentation of water | [PLEASE ENTER ANY ADDITIONAL HISTORY AND/OR PROJECT INFORMATION HERE. THIS IS OPTIONAL] |
| Rincon | Municipality | 06/29/20 | Rincon's top economic resource and development tool is tourism. Its beaches are the most important attraction of the town. Due to Hurricane Maria's storm surge, Rincón suffered unprecedented devastation along its coastline. One hundred and thirty private coastal properties, including condominiums and hotels, experienced catastrophic damages. The most affected area was identified along 6 kilometers of coastline that runs through Barro, Calache, Pueblo, and Enseñada wards, from Rincón's southern border with Añasco up to Rincón's Marina. Houses were destroyed by the sea, which is now full with hazardous debris. Roads (PR-429 interior Sector La Pared) and other structures experienced failure. Communities were flooded. Historic properties, like the retaining wall constructed by the Spaniards for the railroad, are now at risk of collapsing. Natural habitats for endangered species have been lost. This affected area also has had a great coastal erosion problem over the years. Aerial pictures and many studies have demonstrated the magnitude of shoreline loss in Rincón. Some areas now have no sand at all and the sea breaks at retaining walls being constructed by private property owners afraid of losing their real estate. This situation prevents tourists and residents to benefit from all ocean activities, including entertainment and commercial, which implicates reductions in tourism and in the | Rincon has an annual floating population of 100,000. During Hurricane Maria, coastal houses (many used as guesthouses) were destroyed and debris polluted the beach. Broken concrete blocks and sharp steel rods generated by the destruction of these structures represent a great hazard to human life since this is a highly visited tourist area. Properties will be surveyed, appraised, and bought. Remaining structures will be demolished and debris will be removed and properly disposed. New open spaces will be generated and maintained free of any permanent construction. | \$20,000,000.00 | FEMADR, OTHERS FEDERAL, STATE AGENCIES, STATE LEGISLATURE FUNDS. | DUE TO THE RECENT MAYOR DISASTERS EVENTS, HURRICANE MARIA 2017, EARTHQUAKE 2020 ON SOUTHWEST AREA AND COVID 19, EMERGENCY FUNDS EXPENSES EXPENDED RINCON MUNICIPALITY IS UNABLE TO MATCH FUNDS . | \$20,000,000.00 | CITY WIDE 34 SQUARE MILES | 18°20'21.98 N | -67°15'44.6 O | orationWetlands RestorationReduce Coastal | [PLEASE ENTER ANY ADDITIONAL HISTORY AND/OR PROJECT INFORMATION HERE. THIS IS OPTIONAL] |
| San German | Municipality | 07/10/20 | Construcción "safe room" para habilitar centro comunal como centro seguro en situaciones de emergencia. Censur Track: 8401 Grupo 1. LMI: 57.87 | Barrio Guama | \$100,000.00 | 0 | n/a | | | 18.104192 | -67.005721 | Multi-Hazard Mitigation | |
| San German | Municipality | 07/10/20 | Construcción "safe room" para habilitar centro comunal como centro seguro en situaciones de emergencia. Censur Track: 8401 Grupo 2. LMI: 66.17 | Barrio Cain Bajo | \$100,000.00 | 0 | n/a | | | 18.107037 | -67.048618 | Multi-Hazard Mitigation | |
| San German | Municipality | 07/10/20 | Construcción "safe room" para habilitar centro comunal como centro seguro en situaciones de emergencia. Censur Track: 8406 Grupo 3. LMI: 55.16 | Centro Comunal Barrio Sabana Eneas | \$100,000.00 | 0 | n/a | | | 18.085768 | -67.86621 | Multi-Hazard Mitigation | |
| San German | Municipality | 07/10/20 | Construcción de Micro Grid en Antigua Guardia Nacional a los fines de proveer energía eléctrica en caso de desastres Naturales y garantizar la continuidad de los trabajos | carr. 393 km. 1.4 interior Barrio Hoconuco Alto | \$50,000.00 | 0 | n/a | | | 18.131046 | -67.051672 | 100-year flooding | |
| San German | Municipality | 07/10/20 | Construcción de Micro Grid en Antigua Guardia Nacional a los fines de proveer energía eléctrica en caso de desastres Naturales y garantizar la continuidad de los trabajos | Carr. 360 Int 362 Bo. Guamá San German | \$2,000,000.00 | | n/a | \$0.00 | | 18.088772 | -67.039548 | Lightning | |
| San German | Municipality | 07/10/20 | El proyecto consiste en la expansión y mejoras al cementerio Municipal Porta Coeli debido a que durante los pasados desastres el actual ha llegado a su capacidad maxima de ocupación. Con este proyecto se propone la compra del lote de terreno, para construcción de nichos, mausoleo, y area de cremación Censur Track: 8405 Grupo:1 LMI:56.72 | Carr. PR 360 San Germán Bo. Guamá, Puerto Rico | \$1,500,000.00 | 0 | n/a | | | 18.092278 | -67.036456 | Multi-Hazard Mitigation | |
| San German | Municipality | 07/10/20 | Extensión Paseo del Estudiante- Canalización de aguas a los fines de evitar inundaciones. Esta actividad beneficiará a personas de ingresos bajos y Moderados. Censur Track: 8405 Grupo: 1 LMI: 56.72 | Calle Jose Luis Torres San Germán Puerto Rico | \$2,000,000.00 | - | N/A | \$2,000,000.00 | | 18.080206 | -67.035326 | Rain Induced Landslides | |
| San German | Municipality | 07/10/20 | Proyecto de remoción de piedras de río para sustituirlo por asfalto estampado. Censur Track:8403 Grupo:1 LMI:57.84 | Calle Ruiz Belvis y Padres Agustinos Plaza Santo Domingo y Plaza Francisco Mariano Quiñones | \$200,000.00 | 0 | n/a | | | 18.081926 | -67.041539 | Human Caused | |
| San German | Municipality | 07/10/20 | Quebrada Trujillo: Este proyecto consiste en la construcción de muros de hormigón para evitar deslizamientos y estabilizar el terreno. Censur track: 8407 grupo 3 LMI: 51.89 | PR-102 Urbanización Valle Verde | \$500,000.00 | 0 | n/a | | | 18.81143 | -67.51904 | Rain Induced Landslides | |
| San Lorenzo | Municipality | 07/10/20 | Camino la Via (El Remanso) | Con este proyecto se busca controlar y evitar la erosión de la carretera que da acceso a mas de cien familias, como consecuencia de las crecientes del río. Además esta carretera da acceso a uno de los cementerios principales de nuestro pueblo | \$1,710,000.00 | N/A | N/A | Total: \$1,710,000.00 | Residentes del Barrio Florida | 18.190366°N, -65.958023°W | | | N/A |
| San Lorenzo | Municipality | 07/10/20 | En la Urbanización Masso, se realizara un sistema de bombeo para desagues de aguas pluviales que inidan la urbanización. Beneficiara alrededor de 25 familias. | Se realizara un sistema de bombeo para desagues de aguas pluviales que inidan la urbanización | \$850,000.00 | N/A | N/A | Total: \$850.00.00 | Residentes de Urbanización Masso. | 18.183961°N, -65.954297°W | | | N/A |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|---|---|---|--|
| San Lorenzo | Municipality | 07/10/20 | Generadores que permitirán brindar energía a diferentes áreas críticas como: Policía Municipal, Centro de Envejecientes, Obras Públicas Municipal, Centro de Cuido de Niños, Archivo Histórico, entre otros. | Serán instalados en las facilidades actualmente designadas para estos fines. | \$769,000.00 | N/A | N/A | Total: \$769,000.00 | Policia Municipal, Centro de Envejecientes, Obras Públicas Municipal, Centro de Cuido de Niños, Archivo Histórico, entre otros. | (18.192022°N (18.19074°N, -65.96989°W - Pilar) (18.20136°N, -65.97945°W - Envejecientes) (18.18975°N, -65.95927°W - Obras Públicas) (18.18975°N, -65.95927°W - Cuido) | (PM) -65.97383°W, (Pilar) -65.96989°W, (Envejecientes) -65.97945°W, (Obras Públicas) -65.95927°W, (Cuido) -65.95927°W | | N/A |
| San Lorenzo | Municipality | 07/10/20 | Project Name: Centros de Manejos de Emergencia y Seguridad para todos los barrios(10). This project will be the first respond of any emergency event. Will benefits 41,000 habitants of our town. | Centros de Manejo de Emergencias y Seguridad los cuales serán establecidos en cada uno de los barrios de nuestro municipio. Estos contarán con áreas: como cocina, áreas medicas, áreas de laundry, comedor, servicios sanitarios, habitaciones, entre otros. El fin de estos es que nos permitan ser utilizados como refugios ante cualquier evento de emergencia. | \$2,190,000.00 | N/A | N/A | Total: \$2,190,000 | Barrios: Hato, Quebrada, Florida, Quemados, Cerro Gordo, Cayaguas, Espino, Quebrada Honda, Quebrada Arenas y Jagual. Para un total de diez barrios. | [PLEASE ENTER LATITUDE FOR PROJECT CENTERPOINT] | [PLEASE ENTER LONGITUDE FOR PROJECT CENTERPOINT] | | N/A |
| San Lorenzo | Municipality | 07/10/20 | Reemplazar un bado (Bo. Espino - Carretra Principal #745 frente a la Iglesia Católica). | | \$772,000.00 | N/A | N/A | Total: \$772,000.00 | | 18.124270°N | -66.004302°W | | N/A |
| San Lorenzo | Municipality | 07/10/20 | Tormenteras y Ventanas de Seguridad. Para las siguientes estructuras municipales: Centro Operacional de Manejo de Emergencias Municipal, Estación Policia Municipal y Casa Alcaldía. Brindará protección a estas tres estructuras municipales las cuales son consideradas como áreas críticas, las cuales deben estar protegidas ya que brindan servicio inmediato a nuestro pueblo. | Desde estas oficinas se trabajan todas las operaciones relacionadas a eventos de emergencias, brindándole seguridad a nuestro pueblo. | \$325,000.00 | N/A | N/A | Total: \$325,000.00 | Instalaciones de Policía Municipal, Manejo de Emergencia Municipal y Casa Alcaldía. | | | | N/A |
| Toa Alta | Municipality | 07/10/20 | The proposed project consists of cleaning and channeling to stabilize the sections that recurrently collapse as a result of runoff. The sections of damage in the backyards of the residence located in the back of the body of water, stream are located on a stormwater pipeline. This project will be carried out by contractors through a state-mandated bidding process. The proposed project consists of conducting a soil study. | Providencia Avenue Toa Alta | \$2,000,000.00 | \$0.00 | NONE | \$1,000,000.00 | 500.00 meters | 18.373632 | -66.202326 | Multi-Hazard Mitigation | Flood control and drainage project addresses flooding problems that worsened during Hurricane Maria and produced major economic losses |
| Toa Baja | Municipality | 08/20/20 | A green infrastructure solution to Levittown's flood problems. We propose the redevelopment of sidewalks & road islands across the Alvarez, Chancá, Boulevard Morroig, Ave del Lago, Ave. Los Dominicos and Ave. Sabana Seca in Levittown. These will rehabilitate the water management systems of Levittown, restore canal systems and lagoons with an ecological transformation doubling as recreation and public amenities. These measures would help prevent further floods while at the same time integrating with established plans to create recreational and sport routes along the "El Hato" water channel. Population: 18,000 - 23,000 | Levittown Community, Toa Baja PR | \$20,500,000.00 | N/A | N/A | \$20,500,000.00 | | -66.17614794 | 18.44046736 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | According to previous Engineering reports, the Levittown lake and its channels successfully warded Levittown in the face of the 100 year floods since its construction. However, recent events have shown that the capacity and utility of these channels need to be improved. The project proposes studies and capacity augmentation where required to improve and increase the water capture capability of the lake and its channels. These measures in combination with green infrastructure integrated with stormwater would provide adequate flood prevention measures to Levittown. Population: 18,000 - 23,000 | Levittown Lake and Channel, Avenida Boulevard de Levittown | \$36,000,000.00 | N/A | N/A | \$36,000,000.00 | 4600 | -66.18946569 | 18.4561648 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | Crear un modelo de prestación y planificación de servicios regionales a través de la implementación de cuartos seguros comunitarios en 904 salas de relaciones públicas. Population: 74,623 | Municipality wide Initiative | \$1,200,000.00 | N/A | N/A | \$1,200,000.00 | | -66.20881768 | 18.43169115 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | Development of a botanical and ecological park as a green infrastructure means to mitigate floods on Ingenio, Villa Calma, Pabellones and Urb. Campanillas. The park would incorporate botanical gardens, trees and bioswales as well as gathering and activity places. Population: 40,000 | PR-867, Adjacent to Ingenio Community in Sabana Seca Barrio | \$11,000,000.00 | N/A | N/A | \$11,000,000.00 | | -66.23114576 | 18.44615487 | 100-year flooding | |
| Toa Baja | Municipality | 08/20/20 | During 2019 2 different fires have occurred in Toa Baja. The project proposes to improve and provided adequate fire response equipment and measures for the immediate responders of the municipality. In addition, appropriate evacuation and fire prevention measures campaigns can be carried out to aid with the fire hazards. Population: 74,623 | Municipality Wide Initiative | \$1,000,000.00 | N/A | N/A | \$1,000,000.00 | | -66.24034036 | 18.43486587 | Wildfire | |
| Toa Baja | Municipality | 08/20/20 | Evaluation and implementation of landslide protection measures on the gbaoo formation of south region of the municipality and roadside hilly limestone areas. These measures would help protect multiple communities like Campanillas, Candelaria Arenas, San Jose, Fuentebella, Estancias, Santa Maria, Pajaros, El Plantio, Communities that are directly exposed to these regions. The project should also contemplate the identification of high risk areas in greater detail than is currently available. And the possibility of implementing early warning systems based on this data. Population: ~27,000 | Multiple Communities across Media Luna, Sabana Seca and Candelaria Barrios | \$15,000,000.00 | N/A | N/A | \$15,000,000.00 | | -66.24465312 | 18.39819133 | Rain Induced Landslides | |
| Toa Baja | Municipality | 08/20/20 | Identificación de generadores de cogeneración de calor y electricidad (CHP) para instalaciones críticas del municipio. Population: 74,623 | Multiple areas across municipality | \$500,000.00 | N/A | N/A | \$500,000.00 | | -66.21079952 | 18.42802503 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | Potential erosion control measures to protect access roads, the power plant, and structures of historical value include hardening techniques such as seawalls, and other non-structural methods which are feasible. Four categories of commonly used techniques to address erosion are identified: (1) Manage land uses, (2) Vegetate, (3) Harden, and (4) Trap and/or add sand. Population: 74,623 | PR-870, Bo. Palo Seco, Toa Baja PR 00949 | \$4,000,000.00 | N/A | N/A | \$4,000,000.00 | 1524 | -66.15167309 | 18.45570177 | Multi-Hazard Mitigation | |



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|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|--|
| Toa Baja | Municipality | 08/20/20 | Recent flood events affected a significant portion of Levittown. According to studies, the flooding was caused by the overflow of "Rio de la Plata" which in turn overflowed the channels. The areas prone to flooding in Levittown need flood mitigation measures. These can only be designed and implemented after the behavior of water runoff, hydrology and hydraulic properties of the community have been defined in detail. The project proposes various HH Studies on Levittown taking into consideration the Stormwater infrastructure. These studies will identify which areas need imminent mitigation. Population: 18,000 - 23,000 | Levittown, Toa Baja | \$250,000.00 | N/A | N/A | \$250,000.00 | | -66.18081269 | 18.44931943 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | Structural Retrofit of existing government buildings across the municipality to prepare for earthquake hazard. Population: 74,623 | Municipality wide initiative | \$3,000,000.00 | N/A | N/A | \$3,000,000.00 | | -66.21586073 | 18.43204169 | Earthquakes | |
| Toa Baja | Municipality | 08/20/20 | The alternate hazard response plan proposes to create a management strategy to address biological hazards like disease, plague, infection, infestation and invasive species. It aims to create educational resources to create preparedness, allow for immediate response and adequate authority handling. This would have impact on public health, quality of life, natural resource preservation and economic development. Population: 74,623 | Municipality Wide Education Initiative | \$1,000,000.00 | N/A | N/A | \$1,000,000.00 | | -66.21154438 | 18.42981243 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | The Comprehensive Geospatial Intelligence Decision Support System project aims to minimize the uncertainty of information and provide actionable intelligence on the range of events and risks that the municipality is exposed to. The project proposes to implement a system based on professionals, workflows and technological applications that will result in better data curation, standardization and integration across the municipality. These measures will allow the managing of complexity inherent in disasters, effectively addressing decision-making process before, during and after disasters. Population: 74,623 | Digital Infrastructure Investment - Municipality Wide Initiative | \$1,000,000.00 | N/A | N/A | \$1,000,000.00 | | -66.21344099 | 18.42830757 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | The construction of 20 permanent potable water oasis on already established temporary locations. The project contemplates cost of building access areas with pickup lane, and load and unload lane. It also contemplates 20 tanks (15,000 liquid gallon each) as well as community education material, signs and other public awareness measures. Population: 74,623 | Multiple areas across the Municipality of Toa Baja | \$2,000,000.00 | N/A | N/A | \$2,000,000.00 | | -66.21384494 | 18.42994425 | Drought | |
| Toa Baja | Municipality | 08/20/20 | The Levittown Littoral Park project is envisioned to help mitigate flood hazard across the different sections of Levittown while transforming the landscape and laying the groundwork for ecofriendly tourism and economic development. The project contemplates the construction of a Littoral Park that would consist of green infrastructure measures, underground water storage, stormwater infrastructure integration, coastal erosion measures, vertical evacuation measure in the form of a multilevel parking garage in case of Tsunami, finally an educational center could be integrated in this project. Population: 18,000 - 23,000 | PR-165 along marginal of 2nd Section of Levittown | \$23,800,000.00 | N/A | N/A | \$23,800,000.00 | 1500 | -66.17036672 | 18.45055008 | 100-year flooding | |
| Toa Baja | Municipality | 08/20/20 | The part of Levittown's stormwater runoff drainage system that drains into the sea has deteriorated over the last 50 years, contributing to the area's vulnerability to floods. The current outfall system will be evaluated to determine necessary improvements. Structural and nonstructural mitigation measures will be implemented, including repair, update or removal/replacement of existing infrastructure, sediment and debris removal, and green space stormwater storage. Population: 18,000 - 23,000 | PR-165, Levittown Toa Baja PR | \$20,000,000.00 | N/A | N/A | \$20,000,000.00 | | -66.17699479 | 18.45366684 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | The Project is designed to 1) Reduce coastal risk through decreasing exposure to wave action and associated erosion along the shoreline in Toa Baja, Puerto Rico; 2) Enhance habitat functions and values supporting local ecosystems through the creation and improvement of near shore and coastal habitat; and 3) Foster stewardship, and recreational and educational use of the coast and near shore, through increased awareness, access, and participation. Population: 18,000 - 23,000 | Ensenada Boca Vieja, PR-165, Toa Baja PR | \$10,000,000.00 | N/A | N/A | \$10,000,000.00 | 3300 | -66.17181173 | 18.45281348 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | The project proposes soil stabilization measures along the roads of soil liquefaction prone communities like San Jose and Levittown. In multiple areas of San Jose the road has collapsed due to liquefaction, this has made it impossible for public transportation to transit through the communities, according to risk maps, Levittown faces the same hazards. Assessment of areas and implementation of soil stabilization measures in these areas would help safeguard the communities, escape routes and transportation in general. The project seeks to develop guides to inform the population about detailed behavior of environmental risks on their communities. It would include educational campaigns and materials as well as detailed information on how to respond. The project visualizes the production of booklets according to education level to be taught in elementary, intermediate and high schools. In addition to extending awareness of environmental impacts to communities further up-river that could impact the municipality. Population: 74,623 | San Jose Community and Levittown Community Toa Baja | \$10,000,000.00 | N/A | N/A | \$10,000,000.00 | | -66.21157109 | 18.43157089 | Liquefaction | |
| Toa Baja | Municipality | 08/20/20 | The project proposes soil stabilization measures along the roads of soil liquefaction prone communities like San Jose and Levittown. In multiple areas of San Jose the road has collapsed due to liquefaction, this has made it impossible for public transportation to transit through the communities, according to risk maps, Levittown faces the same hazards. Assessment of areas and implementation of soil stabilization measures in these areas would help safeguard the communities, escape routes and transportation in general. The project seeks to develop guides to inform the population about detailed behavior of environmental risks on their communities. It would include educational campaigns and materials as well as detailed information on how to respond. The project visualizes the production of booklets according to education level to be taught in elementary, intermediate and high schools. In addition to extending awareness of environmental impacts to communities further up-river that could impact the municipality. Population: 74,623 | Municipality Wide Education Initiative | \$600,000.00 | N/A | N/A | \$600,000.00 | | -66.21592017 | 18.42990356 | Multi-Hazard Mitigation | |



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| Toa Baja | Municipality | 08/20/20 | There are a total of 12 activities being planned for the project. Not all of these activities are required for the pre-design of the mitigation measure but all of them should be included into the zone profile being built for the final report. These activities have been organized to have milestones and deliverables within a year and just a few require precursor activities for initiation. Progress meetings while planned are not included in the following list of activities. HH Report <ul style="list-style-type: none"> - Coastal Risks and Opportunities Report - Water quality and Sediment Movement Report - Pollution Sources Study Report - Biodiversity Study Report - Economic Impact of Coastal Flooding Report - Community Survey Report - Coastal Zone Management Guide for Boca Vieja Cove - Coral Reef Program Integration - Geomorphologic Analysis Report - Preliminary Design for the Boca Vieja Cove Restoration Project Population: 18,000 - 23,000 | Ensenada Boca Vieja, PR-165, Toa Baja PR | \$250,000.00 | N/A | N/A | \$250,000.00 | 3300 | -66.17181173 | 18.45281348 | Multi-Hazard Mitigation | |
| Toa Baja | Municipality | 08/20/20 | Toa Baja is a coastal community proximate to the atlantic trench which creates a constant threat of Tsunami for the municipality. The project proposes the conditioning and repair of established Tsunami escape routes. Grading, asphalt paving and laning the roads so that they are ready in case of a disaster. Population: ~30,000 | Multiple localizations across the Municipality, Mainly Levittown Toa Baja | \$8,200,000.00 | N/A | N/A | \$8,200,000.00 | | -66.17484137 | 18.44537079 | Tsunami | |
| Toa Baja | Municipality | 08/20/20 | Toa Baja is full of unmapped streams and locations prone to flooding. This is the case with communities like Ingerio, Candelaria and Campanillas (e.g. caño campanero). The project visualizes the identification of flood prone areas and implementation of flood prevention measures along the line of bioswales. Identifying relocation measures and exploring the possibility of a civic center with entertainment investments, creating a social condenser for the scattered surrounding neighborhoods. Population: 74,623 | Municipality Wide Initiative | \$4,200,000.00 | N/A | N/A | \$4,200,000.00 | | -66.21378101 | 18.43199892 | 100-year flooding | |
| Toa Baja | Municipality | 08/20/20 | Tsunami Vertical Evacuation Measure in the form of a 3 story parking garage that doubles as a tall building for adjacent communities evacuation. Population: 18,000 - 23,000 | Levittown Community, Toa Baja PR | \$8,000,000.00 | N/A | N/A | \$8,000,000.00 | | -66.16792896 | 18.44594716 | Tsunami | |
| Toa Baja | Municipality | 08/20/20 | Wind retrofit of existing government buildings across the municipality to prepare and adapt buildings for tropical storm winds. Population: 74,623 | Municipality wide Initiative | \$2,000,000.00 | N/A | N/A | \$2,000,000.00 | | -66.20916636 | 18.42953732 | Wind | |
| Trujillo Alto | Municipality | 07/10/20 | Carraizo Flood Control Dam - Build a flood control Dam to reduce significantly the excessive water flow speed with the implementation of a Wier V Shape Design Dam, that has the capacity to reduce the water flow speed, mitigate flood damages and reduce the erosion and scour at the main bridges and surrounding riversides along all the remaining Carraizo watershed. This mitigation project also provides retention of water for use during extended drought season due to the accumulation of sediments that has also greatly reduced the Carraizo Dam capacity for potable water. This condition has left without potable water almost 500,000 civilians during drought conditions. Risk facilities in the watershed are government buildings, schools, police stations, bridges, roads, general infrastructure and nearby residential communities. The high levels of polluted water overflow and floating debris resulting from flood events also endanger the local ecosystem and contribute in the municipality of Loiza where it outflows into the Atlantic Ocean. | PR-175 | \$80,000,000.00 | | | \$80,000,000.00 | | 18.32280 | -66.015765 | Drought | |
| Trujillo Alto | Municipality | 07/10/20 | Hydrographic Basins Study - conduct bathymetric studies and maps to delineate and measure the physical features of the Municipal bodies of water to record and alert for prospective and potential erosion, sea-level rise, and subsidence (land sinking). Also to research including potential flood inundation, contour of streams and reservoirs, leakage, scour and stabilization, water-quality, dam removal, and storage and fill in reservoirs and ponds. The Communities of Carraizo, Cuevas, Dos Bocas, La Gloria, Quebrada Grande, Quebrada Negrito, St. Just and Trujillo Alto barrio-pueblo will benefit from this studies for future planning and development. | Varios creeks and basins located across the Municipality territory. | \$3,000,000.00 | | | \$3,000,000.00 | | Latitude 18.337 ; Longitude - 65.989 Latitude 18.338 ; Longitude -65.989 Latitude 18.358 ; Longitude -66.003 Latitude 18.360 ; Longitude -66.000 Latitude 18.351 ; Longitude -66.014 Latitude 18.311 ; Longitude -66.002 Latitude 18.324 ; Longitude -66.018 Latitude 18.351 ; Longitude -66.003 Latitude 18.322 ; Longitude -65.975 Latitude 18.312 ; Longitude -65.968 Latitude 18.307 ; Longitude -65.964 Latitude 18.375 ; Longitude -66.994 Latitude 18.372 ; Longitude -66.003 | Latitude 18.337 ; Longitude - 65.989 Latitude 18.338 ; Longitude -65.989 Latitude 18.358 ; Longitude -66.003 Latitude 18.360 ; Longitude -66.000 Latitude 18.351 ; Longitude -66.014 Latitude 18.311 ; Longitude -66.002 Latitude 18.324 ; Longitude -66.018 Latitude 18.351 ; Longitude -66.003 Latitude 18.322 ; Longitude -65.975 Latitude 18.312 ; Longitude -65.968 Latitude 18.307 ; Longitude -65.964 Latitude 18.375 ; Longitude -66.994 Latitude 18.372 ; Longitude -66.003 | Severe Storms | |
| Trujillo Alto | Municipality | 07/10/20 | Loiza River Dredging (areas near Carraizo Dam) - Removal of sediments and debris from the bottom of river and gather up bottom sediments and transporting/dispose them to create a greater depth of water and improve existing water features. In conjunction with the Carraizo Dam, by 2009 (11 years ago) it supplied more than 750,000 habitants (60 million gpd) within the San Juan Metropolitan Area (San Juan, Trujillo Alto, Caguas, Gurabo and portions of San Lorenzo, Canovanas, Loiza and Rio Grande). | PR-175 | \$60,000,000.00 | | | \$60,000,000.00 | | Latitude 18.319788 Longitude -66.014390 | Latitude 18.319788 Longitude -66.014390 | Drought | |



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|---|---------------|--------------------------------------|---|---|--|---|--|---|---|---|---|--|--|
| Trujillo Alto | Municipality | 07/10/20 | Municipal bridges rehabilitation and creeks cleaning (various locations) - retrofit and reinforce the existing reinforced concrete bridges with all necessary structural elements to make it stable and safe to use by the community and visitors. Also, clean creeks and dispose sediments and debris to create a greater depth of water and improve existing water features. | Varios bridges located across the Municipality territory: Dos Bocas Bridge at PR-852 KM 0.5; Inferno Creek located at PR-181 KM 10.5; Rio Grande de Loiza Bridge located at PR-181 KM 7; PR-8860 Bridge located at KM 3.2; PR-175 Bridge located at KM 11.9; PR-851 Bridge over Inferno Creek located at PR-851 KM 4.1; Carraizo Bridge located at PR-175 KM 6.6; PR-894 Bridge located at KM 0.2; Los Nuñez Bridge located at PR-852 KM 3.2; Los Ruiz Bridge located at PR-852 KM 4.3; Los Ruiz Bridge (2) located at PR-852 KM 4.3; Los Andinos Bridge; Los Martinez Bridge | \$65,000,000.00 | | | \$65,000,000.00 | | Latitude 18.337 ; Longitude - 65.989 Latitude 18.338 ; Longitude -65.989 Latitude: 18.358 ; Longitude -66.003 Latitude: 18.360 ; Longitude -66.000 Latitude: 18.351 ; Longitude -66.014 Latitude: 18.311 ; Longitude -66.002 Latitude: 18.324 ; Longitude -66.018 Latitude: 18.351 ; Longitude -66.003 Latitude: 18.322 ; Longitude -65.975 Latitude: 18.312 ; Longitude -65.968 Latitude: 18.307 ; Longitude -65.964 Latitude: 18.375 ; Longitude -66.994 Latitude: 18.372 ; Longitude -66.003 | Latitude 18.337 ; Longitude - 65.989 Latitude 18.338 ; Longitude -65.989 Latitude: 18.358 ; Longitude -66.003 Latitude: 18.360 ; Longitude -66.000 Latitude: 18.351 ; Longitude -66.014 Latitude: 18.311 ; Longitude -66.002 Latitude: 18.324 ; Longitude -66.018 Latitude: 18.351 ; Longitude -66.003 Latitude: 18.322 ; Longitude -65.975 Latitude: 18.312 ; Longitude -65.968 Latitude: 18.307 ; Longitude -65.964 Latitude: 18.375 ; Longitude -66.994 Latitude: 18.372 ; Longitude -66.003 | Severe Storms | |
| Trujillo Alto | Municipality | 07/10/20 | PR-181 and Old Historic Bridge - retrofit and reinforce the existing historical steel bridge with all necessary structural elements to make it stable and safe to use as a recreational area for the community. The PR-181 bridge constitutes the only connection between the communities San Just, Carraizo y Barrio Cuevas with the Communities of Barrio Pueblo, Quebrada Grande y Quebrada Negroto and Kennedy Hills Community. The historic steel bridge served as a welcome stage for the Trujillo Alto military, who participated in the Korean War, under the 65th Infantry Regiment. It was built in 1939 on the Rio Grande de Loiza, at a cost of \$ 125,000. It was inaugurated in 1941 and for half a century it was the only access to the town. The construction of the bridge was motivated because in 1936 the river destroyed the previous cement bridge. Said structure measures 102.3 meters in length and 7 meters, it is the one with the longest section on the island in its class. It is supported at each end by two concrete stirrups to cross about 70 feet above the bed, from the river. The steels bear parapets of a type of balustrade. Diagonally dimensioned "N" polygonal armor steel was manufactured by the United States Steel Corporation and the United States Steel Products Company. It is a type structure "Complete Truss Pennsylvania" or "Pennsylvania Through-Truss". The name of the truss comes from the fact that the Pennsylvania Railroad Company was the one that developed and popularized this system. | PR-181 | \$10,000,000.00 | | | \$10,000,000.00 | 113.73 M | 18.357592 | -66.003639 | 100-year flooding | In 1985, due to the deterioration of the structure, a modern four-lane concrete bridge was built next to it, which gives continuity to the Manuel Rivera Morales Expressway. The Historic Bridge fell into disuse and deterioration, for this reason, in 2002 it was included in the Historic Bridge Rehabilitation Plan of Puerto Rico. In 2004, it was reopened by the Highway Authority, declaring it a Historic Monument. This structure is part of the idiosyncrasy and roots of the town of Trujillo Alto. Currently this bridge is considered one of the wonders of Puerto Rico for being an anchor of the island's road network. |
| Vega Alta | Municipality | 07/14/20 | Construcción de muro de contención para prevenir deslizamientos. | Bo. Maricao, sector Morán | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Construcción de obras de control de inundación | Bo. Bajura, Sector Nevello Dóvil, al lado del Rio Cibuco. | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Construcción de obras pluviales para encauzar escorrentías | Bo. Sabana, Sector Carmelita y en la PR690 a la altura del sector El Corozo | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Elevar el puente para reducir el impacto de las inundaciones del Rio Cibuco y crear una nueva ruta de acceso en dirección a Bajura | Bo Candelaria, sector Fátima | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Excavar una salida bajo la PR647 para controlar las inundaciones de un Caño que conecta con el Rio Cibuco. | Bo. Bajura, Sector Ojo de Agua | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Levantar un inventario de Sumideros y Cavernas | Municipio Carretera Estatal PR2 de este a oeste a la altura de Vega Alta | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Limpieza y mantenimiento del alcantarillado pluvial para prevenir inundaciones en la Carr. PR2 | Comunidad de Hoyo Morán en el Bo Cienegueta y sectores de los barrios Bajuras y Breñas | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Limpieza y mejoras a sumideros para aumentar su capacidad de captación de escorrentías y prevenir inundaciones | Bo. Pueblo, sectores Korea y Machuchal | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Mejoramiento Quebrada Los Pilires | | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Mejoras a Viviendas | Evaluación para mejoras a viviendas comenzando en el Bo Pueblo y sectores de los Bo Maricao y Candelaria. | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Mejoras al cauce y la orilla de la Quebrada Honda para reducir el riesgo de inundación y prevenir la sedimentación | A lo largo de la Qda. Honda, la cual nace en el Sector Fortuna del Bo. Espinosa y se mueve de este a oeste bordeando la PR2 hasta el Rio Cibuco en el Bo Bajuras. | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Mejoras al sistema de alcantarillas y tuberías pluviales | Bo. Espinosa, sectores el Baley y Abra Williams, y bajo la PR2 | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Proyecto de control de inundaciones causadas por lluvias y marejadas en la costa norte del MAVA. Dirigido a reducir el riesgo y pérdidas por inundaciones y tsunamis en al menos 500 unidades de viviendas. | Caño/quebrada que bordea parte de la Comunidad Cerro Gordo en el Barrio Sabana. | Unknown | | | | | | | | |
| Vega Alta | Municipality | 07/14/20 | Relocalización de viviendas ubicadas en lugares de alto riesgo sujetas a desastres naturales. | Sector Vila del Rio en Candelaria, y sector Machuchal en Bajuras, además de residencias aisladas en otros sectores. | Unknown | | | | | | | | |
| Vega Baja | Municipality | 06/17/20 | Comunidad Los Naranjos, acquisition and demolition of residences located in a flood zone (244 residences) | Carretera PR-686 | \$29,280,000.00 | | | \$29,280,000.00 | The area is approximately 45.72 acres (0.19 km^2) | 18.473397 | -66.394346 | Multi-Hazard Mitigación | Community adjacent to water body and located in a 100% flood zone. The flooding caused by Hurricane Maria was very severe and produced many economic losses. The lives of all community residents and rescuers were put at risk. |
| Vega Baja | Municipality | 06/17/20 | Conservation and Development Plan for the Carmelite Cave Complex | Barrio Ceiba sector Carmelita PR-2 | \$8,000,000.00 | | | \$8,000,000.00 | The area is approximately 72 acres (.30 km^2) | 18.44064 | -66.35256 | Multi-Hazard Mitigación | Underneath the community is a cave system thousands of years old. The cave system is home to Taino petroglyphs and endemic species. The cavern system is easily accessible. A resource conservation and improvement project for the area is urgently needed. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|--|
| Vega Baja | Municipality | 06/17/20 | Erosion control project, energy dissipation, coral and dune restoration. First phase, contracting and developing the mitigation alternatives with the UPR Mayagüez Center for Applied Ocean Science and Engineering, Planning | Balneario Municipal de Vega Baja, carretera 686 y 692 | \$180,000.00 | | | \$180,000.00 | To attend 3.2 km (2 miles) approx. of coast from the municipal beach and road 686 from (18.493161, -66.398487) to (18.488437, -66.424406) | 18.493161 | -66.398497 | Multi-Hazard Mitigación | Tropical storms, hurricanes and winter storms severely impact the area's infrastructure, streets, houses, sanitary pump station, recreational parks, among others. Coastal erosion has increased significantly in the area. One of the main economic assets in the area is the municipal beach, which receives approximately 100,000 people annually. Coastal flooding and erosion are significantly affecting the area. Every year we see losses of sand and shore, if we lose this natural resource the area will be significantly affected. Attention must be focused on re-establishing the existing natural barriers. |
| Vega Baja | Municipality | 06/17/20 | Implementation of erosion control, energy dissipation, coral and dune restoration | Balneario Municipal de Vega Baja, carretera 686 y 692 | \$20,000,000.00 | | | \$20,000,000.00 | To attend 3.2 km (2 miles) approx. of coast from the municipal beach and road 686 from (18.493161, -66.398487) to (18.488437, -66.424406) | 18.493161 | -66.398497 | Multi-Hazard Mitigación | Tropical storms, hurricanes and winter storms severely impact the area's infrastructure, streets, houses, sanitary pump station, recreational parks, among others. Coastal erosion has increased significantly in the area. One of the main economic assets in the area is the municipal beach, which receives approximately 100,000 people annually. Coastal flooding and erosion are significantly affecting the area. Every year we see losses of sand and shore, if we lose this natural resource the area will be significantly affected. Attention must be focused on re-establishing the existing natural barriers. |
| Vega Baja | Municipality | 06/17/20 | Improvements and implementation of the Cibuco River Basin Management Plan, starting from the estuary of the Cibuco River upstream. | Municipio de Vega Baja, desde la desembocadura (18.485020, -66.37712) hacia aguas arriba, Corozal y Moravís | \$18,000,000.00 | | | \$18,000,000.00 | The area is approximately but 11,190 acres (46 km ²) | 18.48502 | -66.37712 | Multi-Hazard Mitigación | Implement a watershed management project along the Cibuco and Rio Indio rivers in Vega Baja. To mitigate flooding, preserve the environment, provide for recreational use and economic development of the site. Watershed management plan. |
| Vega Baja | Municipality | 06/17/20 | Ojo de Agua community, rainwater system improvements, analysis, pumping station | Carretera PR-2 | \$2,000,000.00 | | | \$2,000,000.00 | The area is approximately 62 acres (0.25 km ²) | 18.449892 | -66.399866 | Multi-Hazard Mitigación | Community adjacent to water body and located in a 100% floodable zone. The flooding caused by Hurricane Maria was very severe and produced many economic losses. The lives of all community residents and rescuers were put at risk. |
| Vega Baja | Municipality | 06/17/20 | Rehabilitation of the rainwater system in the urban area of the municipality of Vega Baja | Casco urbano del Municipio de Vega Baja, Calle José F. Nater | \$10,000,000.00 | | | \$10,000,000.00 | Attend, analyze and increase the capacity of the rainwater system within a radius of 1.28 km (0.8 miles) from the center of the town | 18.44457 | -66.387421 | 100-year flooding | The urban stormwater system needs to be increased, repaired and maintained to prevent flooding from stormwater runoff. H&H studies, recommendations and designs are required to address and implement measures to solve the problem. |
| Vega Baja | Municipality | 06/17/20 | Runoff water management in the Vega Baja Karso area, specifically in the sinkholes | En los barrio, Algarrobo, Pueblo, Río Arriba, Río Abajo, Pugnado Afuera, Pugnado Adentro, Quebrada Arenas, Almirante Norte, Almirante Sur | \$6,500,000.00 | | | \$6,500,000.00 | The area is approximately 16,650 acres (67.4 km ²) | 18.42263 | -66.408837 | | Vega Baja posee comunidades que conlisan sus aguas de escorrentía a sumideros por las condiciones topografica de la zona. En muchas ocasiones hay inundaciones recurrentes que afectan las comunidades. Se necesita estudios y alternativas para el manejo y conservación de las ares. |
| Vega Baja | Municipality | 06/17/20 | Solid waste management plan, area improvements, Vega Baja Municipal Landfill closure plan | Carretera PR-688 | \$28,000,000.00 | | | \$28,000,000.00 | The area is approximately 76 acres (0.31 km ²) | 18.478592 | -66.359902 | Multi-Hazard Mitigación | After Hurricane Maria the landfill received an unprecedented amount of debris shortening its lifetime. What to look for alternatives to improve the area and make the landfill closing plan. A solid waste management plan needs to be developed after Hurricane Maria |
| Villalba | Municipality | 07/10/20 | "Retrofit" sísmico y vientos para antigua escuela Walter Mc. Jones. Mejoras a Nuevas instalaciones de oficinas gubernamental, "safety room" e incubadora para pequeños comerciantes. | Escuela Walter Mc Jones en el Casco Urbano, Calle Luis Muñoz Rivera, | \$850,000.00 | N/A | N/A | \$850,000.00 | 3.2 Cuerdas Aprox. | Latitud 18.12985507 | Longitud -66.49183341 | | |
| Villalba | Municipality | 07/10/20 | Compra e Instalación de Generador Eléctrico 125 KVA y transfer switch para casa Alcaldía. | Facilidades Casa Alcaldía | \$40,000.00 | N/A | N/A | \$41,000.00 | 800 Sq FT | Latitud 18.1282844 | Longitud -66.491967 | | |
| Villalba | Municipality | 07/10/20 | Compra e Instalación de Generador Eléctrico 175 KVA y transfer switch para Centro de Bellas artes Adilán Rosado. | Facilidades Centro de Bellas Artes, Adilán Rosado | \$49,200.00 | N/A | N/A | \$73,700.00 | 800 Sq FT | Latitud 18.12928502 | Longitud -66.49239919 | | |
| Villalba | Municipality | 07/10/20 | Compra e Instalación de Generador Eléctrico 250 KVA y transfer switch para Centro de Operaciones de Emergencia (COE). | Nuevas Facilidades del Centro de Operaciones de Emergencia, | \$64,000.00 | N/A | N/A | \$89,500.00 | 800 Sq FT | Latitud 18.12099927 | Longitud -66.49593413 | | |
| Villalba | Municipality | 07/10/20 | CONSORCIO DE ENERGÍA, FASE I - El Sistema de Ciudad Resiliente para el Municipio de Villalba consta de dos sistemas solares de 30 MW cada uno que cargarán completamente un sistema de almacenamiento de 4.675 MWh de capacidad estimada. Ambos sistemas de almacenamiento por un total de 9.35 MWh suplirán la demanda de energía para el municipio a través de la red eléctrica. | SITE NO.1 "Land Owner Municipality", Hato Puerco Arriba Ward Villalba, PR Cadastre No. 319-000-002-86-000 area: 113.3754 "cuerdas", Latitud 18.11003875 Longitud -66.49716347 | \$52,000,000.00 | N/A | No hay certificación de otros fondo por el momento. | \$52,000,000.00 | 113.3754 Cuerdas Aprox. | Latitud 18.11003875 | Longitud -66.49716347 | | |
| Villalba | Municipality | 07/10/20 | Construcción de 24 unidades de apartamento en calle Luchetti en el Casco Urbano. | Proyecto Municipal a desarrollar en las antigua facilidades de Obras publicas Municipali | \$3,000,000.00 | N/A | N/A | \$3,000,000.00 | 1.75 Cuerdas Aprox. | Latitud 18.13210531 | Longitud -66.49099311 | | |
| Villalba | Municipality | 07/10/20 | Control de Inundación Area Residencial Urb. Vista Alegre Calle Ampolá Colindante al Río Jacaguas. Construcción de Muro en Gaviones para control de erosión e Inundación en áreas de mayor impacto. | Hato Puerco Abajo, Urb. Vista Alegre Villalba, PR 00766 - Deslinde del Río Jacaguas. | \$2,000,000.00 | N/A | N/A | \$2,000,000.00 | 3,000 Pies Lineales | Latitud 18.132306 | Longitud -66.482150 | | |
| Villalba | Municipality | 07/10/20 | Mejoras Descargas Pluviales Casco Urbano, Mejoras encintados, pocetos, Tubería Solterada y demas componentes de sistemas pluvial. | Carretera Luis Muñoz Rivera, Calle Barcelo, Calle Mc Jones y ramales en Casco Urbano. | \$600,000.00 | N/A | N/A | \$600,000.00 | 5,000 Pies lineales | Latitud 18.1282844 | Longitud -66.491967 | | |
| Yabucoa | Municipality | 07/10/20 | BO INGENIO | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0825284 | -65.8731165 | | |
| Yabucoa | Municipality | 07/10/20 | BUILDING PARKING PUBLIC BEACH YABUCOA | ? | \$9,000,000.00 | | | \$9,000,000.00 | | 18.0634646 | -65.8197493 | | |
| Yabucoa | Municipality | 07/10/20 | CARRETERA CATALINA MORALES | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0481412 | -65.8809221 | | |
| Yabucoa | Municipality | 07/10/20 | CATALINA MORALES ST | ? | \$400,000.00 | | | \$400,000.00 | | 18.0481412 | -65.8809221 | | |
| Yabucoa | Municipality | 07/10/20 | COMUNIDAD JAIMÉ C. RODRIGUEZ | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0468078 | -65.8870918 | | |
| Yabucoa | Municipality | 07/10/20 | COMUNIDAD ROSA SANCHEZ | ? | \$200,000.00 | | | \$200,000.00 | | 18.0623856 | -65.9108894 | | |
| Yabucoa | Municipality | 07/10/20 | COMUNIDAD TERRALINDA | ? | \$250,000.00 | | | \$250,000.00 | | 18.095979 | -65.853807 | | |
| Yabucoa | Municipality | 07/10/20 | EL INGENIO COMMUNITY | ? | \$125,000.00 | | | \$125,000.00 | | 18.0822859 | -65.8739047 | | |
| Yabucoa | Municipality | 07/10/20 | HARBOR BOULEVARD | ? | \$200,000.00 | | | \$200,000.00 | | 18.0500689 | -65.8319101 | | |
| Yabucoa | Municipality | 07/10/20 | LA FLECHA | ? | \$10,000,000.00 | | | \$10,000,000.00 | | 18.0446949 | -65.8727263 | | |
| Yabucoa | Municipality | 07/10/20 | LA MADRE | ? | \$10,000,000.00 | | | \$10,000,000.00 | | 18.0446949 | -65.8727263 | | |
| Yabucoa | Municipality | 07/10/20 | LAS COMUNAS PUENTES | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0849346 | -65.8432947 | | |
| Yabucoa | Municipality | 07/10/20 | MUNICIPALITY TRAN | ? | \$3,500,000.00 | | | \$3,500,000.00 | | 18.0471791 | -65.8798629 | | |
| Yabucoa | Municipality | 07/10/20 | MUNICIPALITY TRAN | ? | \$3,500,000.00 | | | \$3,500,000.00 | | 18.0471791 | -65.8798629 | | |
| Yabucoa | Municipality | 07/10/20 | PARCELAS MARTORELL | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.075863 | -65.8981697 | | |
| Yabucoa | Municipality | 07/10/20 | PARCELAS LAS COMUNAS BO. AGUACATE | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0845251 | -65.8434833 | | |
| Yabucoa | Municipality | 07/10/20 | PARCELAS PLAYITA | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0403555 | -65.9066166 | | |



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Proyectos Propuestos de Mitigación

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|---|---------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|--|
| Yabucoa | Municipality | 07/22/20 | Phase 1: Rehabilitation Activities The rehabilitation activities prior to the closure of the Yabucoa landfill must involve assessment of environmental impacts, remediation of problem where they exist, final capping of all uncapped portions of the site and stabilization of side slopes, among others. In addition, in two (2) sectors of this landfill (east and south) the disposal of waste was extended farther than property limits in such a way that this situation shall be corrected as part of the rehabilitation activities. The extension of these impacted areas, out of the landfill property limits is about 0.20 cuerdas (786 sq.m.). All waste within these areas shall be removed and once these processes have been finished, soil samples will be taken to determine land contamination, if any. If contamination of the soil within these areas is detected, remediative measures should be implemented. | Located on Road 3 Rural Road 905 | \$2,500,000.00 | | | \$2,500,000.00 | | 18.0544 | -65.5157 | rd Mitigation/Rain Induced Landslides/human | There have been several landslides due to rain. This has exposed contaminating material, which is a public health high risk exposure. There are sections that are not fenced, permitting cows and other animals to have access to the area. Some of this animals feed on contaminated materials and grass. Meat and milk from this cows might be consumed by humans. There are nearby water streams that are contaminating by percolation. Questionable odors and flies affect nearby communities. |
| Yabucoa | Municipality | 07/10/20 | Phase 2: Closure Activities PR-900 Y PR-182 | ? | \$450,000.00 | | | \$450,000.00 | | 18.0498439 | -65.8827086 | | |
| Yabucoa | Municipality | 07/10/20 | QUEBRADA DE LLEGA 906 | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0857674 | -65.8153798 | | |
| Yabucoa | Municipality | 07/10/20 | QUEBRADA LOS CHINOS | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0488978 | -65.8824444 | | |
| Yabucoa | Municipality | 07/10/20 | QUEBRADA LOS NAZARIOS | ? | \$150,000.00 | | | \$150,000.00 | | | | | |
| Yabucoa | Municipality | 07/10/20 | QUEBRADA MÉNDEZ, COLISEO FÉLIX MILLÁN | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0454451 | -65.8715028 | | |
| Yabucoa | Municipality | 07/10/20 | QUEBRADA PARCELA CAMINO NUEVO | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0330387 | -65.8473841 | | |
| Yabucoa | Municipality | 07/10/20 | ROAD PR-3, INT. PR-9909 | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0546849 | -65.8751141 | | |
| Yabucoa | Municipality | 07/10/20 | SECTOR LOS MILLAN | ? | \$45,000.00 | | | \$45,000.00 | | 18.0452709 | -65.8717338 | | |
| Yabucoa | Municipality | 07/10/20 | SECTOR ROMPE CERCA BO. CAMINO NUEVO | ? | \$25,000.00 | | | \$25,000.00 | | 18.0318285 | -65.8494562 | | |
| Yabucoa | Municipality | 07/10/20 | URB. JAIME RODRIGUEZ | ? | \$400,000.00 | | | \$400,000.00 | | 18.0470625 | -65.8874797 | | |
| Yabucoa | Municipality | 07/10/20 | URB. JARDINES DE YABUCOA | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.047503 | -65.874048 | | |
| Yabucoa | Municipality | 07/10/20 | YA-008 CENTRO COMUNAL, BO. QUEBRADILLA' | ? | \$800,000.00 | | | \$800,000.00 | | 18.0617118 | -65.941768 | | |
| Yabucoa | Municipality | 07/10/20 | YA-008 CENTRO COMUNAL, BO. QUEBRADILLA' | ? | \$50,000.00 | | | \$50,000.00 | | 18.0617118 | -65.941768 | | |
| Yabucoa | Municipality | 07/10/20 | YA-010 CANCHA, BO. GUAYABOTA | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0659677 | -65.963166 | | |
| Yabucoa | Municipality | 07/10/20 | YA-010 CANCHA, BO. GUAYABOTA | ? | \$25,000.00 | | | \$25,000.00 | | 18.0659677 | -65.963166 | | |
| Yabucoa | Municipality | 07/10/20 | YA-010 CANCHA, BO. GUAYABOTA | ? | \$50,000.00 | | | \$50,000.00 | | 18.0700461 | -65.9633376 | | |
| Yabucoa | Municipality | 07/10/20 | YA-010 CANCHA, BO. GUAYABOTA | ? | \$120,000.00 | | | \$120,000.00 | | 18.0659677 | -65.963166 | | |
| Yabucoa | Municipality | 07/10/20 | YA-011 CENTRO COMUNAL, BO. GUAYABOTA | ? | \$800,000.00 | | | \$800,000.00 | | 18.0696502 | -65.9689589 | | |
| Yabucoa | Municipality | 07/10/20 | YA-014 CENTRO COMUNAL, BO. CALABAZA SEC. PLAYITA | ? | \$50,000.00 | | | \$50,000.00 | | 18.0613 | -65.9118 | | |
| Yabucoa | Municipality | 07/10/20 | YA-018 CENTRO COMUNAL, BO. MARTORELL | ? | \$800,000.00 | | | \$800,000.00 | | 18.0740134 | -65.8961309 | | |
| Yabucoa | Municipality | 07/10/20 | YA-018 CENTRO COMUNAL, BO. MARTORELL | ? | \$25,000.00 | | | \$25,000.00 | | 18.0740134 | -65.8961309 | | |
| Yabucoa | Municipality | 07/10/20 | YA-018 CENTRO COMUNAL, BO. MARTORELL | ? | \$50,000.00 | | | \$50,000.00 | | 18.073971 | -65.8961185 | | |
| Yabucoa | Municipality | 07/10/20 | YA-018 CENTRO COMUNAL, BO. MARTORELL | ? | \$120,000.00 | | | \$120,000.00 | | 18.0740134 | -65.8961309 | | |
| Yabucoa | Municipality | 07/10/20 | YA-023 CENTRO COMUNAL ING. FELIX HERRERA | ? | \$50,000.00 | | | \$50,000.00 | | 18.060905 | -65.8974985 | | |
| Yabucoa | Municipality | 07/10/20 | YA-032 CENTRO COMUNAL, PARQUE DEL NINIC | ? | \$800,000.00 | | | \$800,000.00 | | 18.0452805 | -65.8565002 | | |
| Yabucoa | Municipality | 07/10/20 | YA-032 CENTRO COMUNAL, PARQUE DEL NINIC | ? | \$25,000.00 | | | \$25,000.00 | | 18.0450152 | -65.8565002 | | |
| Yabucoa | Municipality | 07/10/20 | YA-032 CENTRO COMUNAL, PARQUE DEL NINIC | ? | \$50,000.00 | | | \$50,000.00 | | 18.0450152 | -65.8565002 | | |
| Yabucoa | Municipality | 07/10/20 | YA-032 CENTRO COMUNAL, PARQUE DEL NINIC | ? | \$120,000.00 | | | \$120,000.00 | | 18.0450152 | -65.8565002 | | |
| Yabucoa | Municipality | 07/10/20 | YA-033 CANCHA PEDRO ALBIZU CAMPOS | ? | \$70,000.00 | | | \$70,000.00 | | 18.0460028 | -65.8729636 | | |
| Yabucoa | Municipality | 07/10/20 | YA-036 CITY HALL | ? | \$60,000.00 | | | \$60,000.00 | | 18.0470245 | -65.8803558 | | |
| Yabucoa | Municipality | 07/10/20 | YA-036 CITY HALL | ? | \$120,000.00 | | | \$120,000.00 | | 18.0470245 | -65.8803558 | | |
| Yabucoa | Municipality | 07/10/20 | YA-037 PLAZA DEL MERCADO | ? | \$50,000.00 | | | \$50,000.00 | | 18.0483371 | -65.8789656 | | |
| Yabucoa | Municipality | 07/10/20 | YA-038 CONCHA ACÚSTICA | ? | \$50,000.00 | | | \$50,000.00 | | 18.0483449 | -65.8808953 | | |
| Yabucoa | Municipality | 07/10/20 | YA-039 BIBLIOTECA MUNICIPAL | ? | \$21,000.00 | | | \$21,000.00 | | 18.0475534 | -65.8808939 | | |
| Yabucoa | Municipality | 07/10/20 | YA-039 BIBLIOTECA MUNICIPAL | ? | \$50,000.00 | | | \$50,000.00 | | 18.0475534 | -65.8808939 | | |
| Yabucoa | Municipality | 07/10/20 | YA-039 BIBLIOTECA MUNICIPAL | ? | \$120,000.00 | | | \$120,000.00 | | 18.0475534 | -65.8808939 | | |
| Yabucoa | Municipality | 07/10/20 | YA-040 ASILO DE ANCIANOS | ? | \$3,000.00 | | | \$3,000.00 | | 18.0415739 | -65.8760763 | | |
| Yabucoa | Municipality | 07/10/20 | YA-040 ASILO DE ANCIANOS | ? | \$25,000.00 | | | \$25,000.00 | | 18.0415739 | -65.8760763 | | |
| Yabucoa | Municipality | 07/10/20 | YA-040 ASILO DE ANCIANOS | ? | \$50,000.00 | | | \$50,000.00 | | 18.0415739 | -65.8760763 | | |
| Yabucoa | Municipality | 07/10/20 | YA-040 ASILO DE ANCIANOS | ? | \$120,000.00 | | | \$120,000.00 | | 18.0415739 | -65.8760763 | | |
| Yabucoa | Municipality | 07/10/20 | YA-041 CORPORACION GERICOLA | ? | \$50,000.00 | | | \$50,000.00 | | 18.04687 | -65.878783 | | |
| Yabucoa | Municipality | 07/10/20 | YA-043 CEMENTERIO MUNICIPAL NUEVO | ? | \$50,000.00 | | | \$50,000.00 | | 18.0456913 | -65.883669 | | |
| Yabucoa | Municipality | 07/10/20 | YA-045 TERMINAL PUBLICO | ? | \$50,000.00 | | | \$50,000.00 | | 18.0492378 | -65.8781192 | | |
| Yabucoa | Municipality | 07/10/20 | YA-046 EDIFICIO MULTIFABRIL | ? | \$50,000.00 | | | \$50,000.00 | | 18.04654 | -65.87727 | | |
| Yabucoa | Municipality | 07/10/20 | YA-049 OFICINA DE ASUNTOS DE LA MUJER | ? | \$50,000.00 | | | \$50,000.00 | | 18.0516559 | -65.8783375 | | |
| Yabucoa | Municipality | 07/10/20 | YA-050 CENTRO DE ACCION SOCIAL | ? | \$50,000.00 | | | \$50,000.00 | | 18.041916 | -65.8740102 | | |
| Yabucoa | Municipality | 07/10/20 | YA-050 CENTRO DE ACCION SOCIAL | ? | \$22,000.00 | | | \$22,000.00 | | 18.041916 | -65.8740102 | | |
| Yabucoa | Municipality | 07/10/20 | YA-050 CENTRO DE ACCION SOCIAL | ? | \$120,000.00 | | | \$120,000.00 | | 18.041916 | -65.8740102 | | |
| Yabucoa | Municipality | 07/10/20 | YA-051 CENTRO DE DIAGNOSTICO Y TRATAMIENTO | ? | \$50,000.00 | | | \$50,000.00 | | 18.0449821 | -65.8751533 | | |
| Yabucoa | Municipality | 07/10/20 | YA-052 EDIFICIO DE PROPIEDAD MUNICIPAL/ NUEVA COLECTURIA | ? | \$21,000.00 | | | \$21,000.00 | | 18.047031 | -65.880906 | | |
| Yabucoa | Municipality | 07/10/20 | YA-052 EDIFICIO DE PROPIEDAD MUNICIPAL/ NUEVA COLECTURIA | ? | \$50,000.00 | | | \$50,000.00 | | 18.047031 | -65.880906 | | |
| Yabucoa | Municipality | 07/10/20 | YA-052 EDIFICIO DE PROPIEDAD MUNICIPAL/ NUEVA COLECTURIA | ? | \$120,000.00 | | | \$120,000.00 | | 18.047031 | -65.880906 | | |
| Yabucoa | Municipality | 07/10/20 | YA-053 CASA DE ARTE MARIO VILQZ | ? | \$50,000.00 | | | \$50,000.00 | | 18.0534738 | -65.8757494 | | |
| Yabucoa | Municipality | 07/10/20 | YA-054 OFICINA DE TRANSPORTE COLECTIVO | ? | \$50,000.00 | | | \$50,000.00 | | 18.0490234 | -65.8791676 | | |
| Yabucoa | Municipality | 07/10/20 | YA-057 CENTRO COMUNAL-BIBLIOTECA, BO. AGUACATE | ? | \$800,000.00 | | | \$800,000.00 | | 18.0859714 | -65.8408383 | | |
| Yabucoa | Municipality | 07/10/20 | YA-057 CENTRO COMUNAL-BIBLIOTECA, BO. AGUACATE | ? | \$21,000.00 | | | \$21,000.00 | | 18.0859714 | -65.8408383 | | |
| Yabucoa | Municipality | 07/10/20 | YA-057 CENTRO COMUNAL-BIBLIOTECA, BO. AGUACATE | ? | \$50,000.00 | | | \$50,000.00 | | 18.0859714 | -65.8408383 | | |
| Yabucoa | Municipality | 07/10/20 | YA-057 CENTRO COMUNAL-BIBLIOTECA, BO. AGUACATE | ? | \$120,000.00 | | | \$120,000.00 | | 18.0859714 | -65.8408383 | | |
| Yabucoa | Municipality | 07/10/20 | YA-059 CENTRO COMUNAL BO. CALABAZA | ? | \$50,000.00 | | | \$50,000.00 | | 18.0613 | -65.9118 | | |
| Yabucoa | Municipality | 07/10/20 | YA-076 HARBOR BUILDING BOULEVARD | ? | \$1,066,000.00 | | | \$1,066,000.00 | | 18.050061 | -65.831917 | | |
| Yabucoa | Municipality | 07/10/20 | YABUCOA BEACH | ? | \$50,000.00 | | | \$50,000.00 | | 18.050061 | -65.831917 | | |
| Yabucoa | Municipality | 07/10/20 | YABUCOA BEACH | ? | \$1,000,000.00 | | | \$1,000,000.00 | | 18.0728901 | -65.8047452 | | |
| Yabucoa | Municipality | 07/10/20 | YABUCOA HARBOR BULD. | ? | \$1,500,000.00 | | | \$1,500,000.00 | | 18.0501339 | -65.8317555 | | |
| Yabucoa | Municipality | 07/10/20 | YABUCOA PUBLIC BEACH STA. LUCIA | ? | \$8,000,000.00 | | | \$8,000,000.00 | | 18.039716 | -65.834109 | | [PLEASE ENTER ANY ADDITIONAL HISTORY AND/OR PROJECT INFORMATION HERE. THIS IS OPTIONAL] |
| Yauco | Municipality | 07/08/20 | Channelization of Baniada Lluberas Creek as a flood control project to avoid significant damages to homes and infrastructure near the creek. It is also desired to include the cleaning of an existing culvert section of a creek to avoid the water overflow and flood in the area. This creek is a tributary of a Berenchin Creek, which together causes damages estimated in 30 millions throughout its passage during the last disaster. The project intends to reduce the flood risks for the community, businesses, industry and utilities of the sector. | Arturo Lluberas Sector Almacigo Bajo Ward | \$1,900,000.00 | \$0.00 | \$0.00 | \$1,900,000.00 | 450 meters | -66.86305 | 18.04163 | Multi-Hazard Mitigation | The project it's already included and it's part of the Multi Hazard Mitigation Plan of the Municipality of Yauco (PDMC-PL-02-PR-2011-0018). |
| Yauco | Municipality | 07/08/20 | Channelization of Berenchin Creek as a flood control project to avoid significant damages to homes and infrastructure near the creek. The project intends to reduce the flood risks for the community, businesses, industry and utilities with an estimate damages on the last disaster of about 30 millions. | Starting at Esperanza Estate in Almacigo Bajo Ward finishing at PRASA WWTP in Barinas Ward | \$9,150,000.00 | \$0.00 | \$0.00 | \$9,150,000.00 | 2,230 meters | -66.85682 | 18.03435 | Multi-Hazard Mitigation | The project it's already included and it's part of the Multi Hazard Mitigation Plan of the Municipality of Yauco (PDMC-PL-02-PR-2011-0018). |
| Yauco | Municipality | 07/08/20 | Channelization of El Cafetal Creek as a flood control project to avoid significant damages to homes and infrastructure near the creek. The project intends to reduce the flood risks for the community, businesses, industry and utilities in the area. | Alturas del Cafetal, El Cafetal Estates and Monte Blanco Sectors Susua Baja Ward | \$4,350,000.00 | \$0.00 | \$0.00 | \$4,350,000.00 | 1,650 meters | -66.87136 | 18.03745 | Multi-Hazard Mitigation | |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|---|
| Yauco | Municipality | 07/08/20 | Construction of a channels to mitigate the flood problems on Road PR-127 Intersection Road PR-359, on the west side of the Baptist Church and the main entrance of the city of Yauco, at exit 200 of Highway PR-2. The proposed project will ensure that the main city entrance and exit is able to provide uninterrupted critical access to the city in the event of a future emergency and that prevents the municipality from providing critical services to the eastern part of the city. During Hurricane Maria this exit was closed for two weeks due to the magnitude of flooding in the area. | Road PR-127 Intersection Road PR-359 Juncos Ward | \$750,000.00 | \$0.00 | \$0.00 | \$750,000.00 | 350 meters | -66.8424 | 18.03302 | Multi-Hazard Mitigation | The project it's already included and it's part of the Multi Hazard Mitigation Plan of the Municipality of Yauco (PDMC-PL-02-PR-2011-0018). |
| Yauco | Municipality | 07/08/20 | Create an Area Plan for the following Yauco sectors: La Joya Community, Cienega Community, Nueva Vida Community, El Tendal, Barriada Galarza, Santo Domingo Street and Paso Hondo Community. It is understood that these sectors require more detailed attention due to their level of vulnerability to natural disasters, floods or landslide risks. The Plan will create an inventory of the housing units and their condition, relating it to the particular danger identified by the area where it is located with very high and high levels of vulnerability. It will define the action to be followed with the housing units, be it: rehabilitation, demolition, and/or relocation of owners, among others; to safeguard the life and property of the affected population against the onslaught of a natural disaster, thus maintaining an inventory of safe homes in the Municipality. The Plan will also establish what will be the best land use for the identified areas, which is compatible with their vulnerability, and will recommend the activities to be carried out to reduce vulnerability in them. The document will be structured as follows: Objective Enunciation, Work Plan, Sector Delimitation, Inventory of Structures, Initial Diagnosis, and Recommendations. It is requested that the necessary funds be allocated to carry out the action determined by the study in each community | La Joya Community, Cienega Community, Nueva Vida Community, El Tendal, Barriada Galarza, Santo Domingo Street and Paso Hondo Community | \$8,700,000.00 | \$0.00 | \$0.00 | \$8,700,000.00 | N/A | Citywide | Citywide | Multi-Hazard Mitigation | The project it's already included and it's part of the Multi Hazard Mitigation Plan of the Municipality of Yauco (PDMC-PL-02-PR-2011-0018). |
| Yauco | Municipality | 07/08/20 | Improvements to the Rio Prieto potable water system by building a new Filter Plant and improvements to the drinking water distribution network. In addition, improvements to the raw water supply system are proposed, which include a new pumping station, new pipe and improvements to the intake. | Carr PR-372 Km 15.0 Santa Clara Sector Rio Prieto Ward | \$18,000,000.00 | \$0.00 | \$0.00 | \$18,000,000.00 | N/A | -66.83024 | 18.14131 | Multi-Hazard Mitigation | The system is deficient due to the lack of capacity of the filter plant, which frequently has to be turned off by the great turbidity in the raw water every time it rains. Even without connecting unused systems, it has a deficiency and deficit. There are a number of sectors that should be supplied by the filter plant through extensions made to the system in previous years, however these are not being supplied due to lack of capacity. |
| Yauco | Municipality | 07/08/20 | It is proposed to clean the Yauco River channel from the El Tendal Sector (18.03916, -66.84581) to the Wastewater Treatment Plant of PRASA (18.02049, -66.83993). The channel is highly sedimented due to all the material that accumulated by runoff caused by the rains as a result of Hurricanes Irma and Maria. Work with the sediment that is accumulated, that there is a better channel in the area to manage the flow and also for stabilization of the riverbank that is what has been eroding and that has led to loss of property, both private and municipal. In the last event the flood caused by the river caused losses of an estimate of 30 millions in the area. | Carr PR-127 Km 0.1 Pueblo Ward | \$6,900,000.00 | \$0.00 | \$0.00 | \$6,900,000.00 | N/A | -66.84647 | 18.03077 | 100-year flooding | The project complies with the objective of protecting the municipal, state and federal facilities established in the Multi-Hazard Mitigation Plan of the municipality (PDMC-PL-02-PR-2011-0018). |
| Yauco | Municipality | 07/08/20 | Relocation of the municipal security complex that housed the facilities of the Municipal Police, Emergency Management and the 911 System which was located in a flood zone and was totally lost due to the passage of Hurricane Maria. | Carr PR-3334 Km 0.1 Int. Boulevard Lic. Jimmy Torres Susua Baja Ward | \$4,125,000.00 | \$0.00 | \$0.00 | \$4,125,000.00 | 12,874 square meters | -66.85664 | 18.02285 | Multi-Hazard Mitigation | It is intended to develop and maintain a security system that is accessible, integrated, flexible and robust enough so that it can sustain operations crucial to the well-being of citizens. |
| Hispanic Federation | Non-Profit | 08/19/20 | Hispanic Federation is submitting this proposal in representation of the fishermen' association (La Corporación de Pescadores Unidos de la Playa Húcares -Register Number: 345632) of the Municipality of Naguabo (CODE: 72103). The fishermen' association is the current occupant of this public property and has been over the last 65 years. Since 1998, they have been the legal users of the site, which is a state property --under the Puerto Rico Department of Agriculture and transferred through an usufruct contract to the Municipality of Naguabo under the conditions that the property will maintain exclusive use and enjoyment of the fishermen' association. | Lat: 18.187015 Long: -65.710868 Cadaster Number: 256-097-007-24/25/26 Municipality: Naguabo Playa Hucare Buzón 186 Carr 3 km 66.7 Naguabo PR 00718 | \$1,500,000.00 | Amount pending upon approval of 404 Letter of Intension submitted in October 2019. | | \$1.5M | "256-097-007-24 = | 401.3709mc 256-097-007-25 = | 462.5889mc 256-097-007-26 = | 847.1032mc" | Lat: 18.187015 |
| Taller Salud, Inc. | Non-Profit | 08/20/20 | El pueblo de Loiza se encuentra situado en los llanos costeros del norte y como parte de sus zonas limítrofes cuenta con el Río Grande de Loiza, el Océano Atlántico y el Río Herrera. La mayor parte de su territorio fue clasificado como inundable. Actualmente, cuenta con 24, 553 personas de las cuales 50.8% viven bajo nivel de pobreza y el 53.6% son mujeres. Los eventos de lluvias extremas provocan inundaciones de manera generalizada. Los efectos de las inundaciones promueven problemas de seguridad, salud y de desarrollo para las comunidades. El paso del catastrófico huracán María: que acumuló 26.7 pulgadas de agua en un periodo de 24 horas en Puerto Rico provocó peligrosas inundaciones en el pueblo de Loiza. Miembros de la comunidad buscan soluciones al problema de inundaciones y proponen proyectos de mitigación que pueden reducir las inundaciones en las zonas de mayor densidad poblacional generando como resultado un amplio mejoramiento a la salud y la calidad de vida de toda la población. Se identifica la construcción de alcantarillado pluvial y la canalización del Río Herrera como 2 soluciones de gran impacto. Se espera que, a través de estos 2 grandes proyectos de infraestructura se reduzca el problema de inundación y que habilite áreas aledañas a los cuerpos de agua que puedan servir como espacios naturales de gran valor ecológico y | Pueblo: Loiza Población beneficiada: 24, 553 | \$5,000,000.00 | | | | | | | | mitigar inundación |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|---|
| Taller Salud, Inc. | Non-Profit | 08/20/20 | Proyecto de manejo de costa para reducir el impacto sobre la infraestructura y vida de residentes provocada por la erosión e inundaciones costeras. Tras el paso de los huracanes Irma y María las comunidades costeras del pueblo de Loíza han experimentado el proceso acelerado de erosión costera e inundaciones costeras. La comunidad Villa Cristiana ha sido de las zonas más impactadas por esta aceleración en el pueblo de Loíza. Luego de la catastrófica temporada de huracanes del 2017 han ocurrido varios eventos de marejadas. Con el paso cercano de fenómenos atmosféricos como depresiones y tormentas tropicales se ha exacerbado el problema y se puede observar la pérdida de 40-42 pies aproximados de costa e infraestructura. El proceso acelerado de erosión costera en la comunidad Villa Cristiana impacta adversamente no solo la infraestructura comunitaria, sino que provoca impactos asociados a la recreación, salud mental y económica de sus residentes. La comunidad Villa Cristiana cuenta con 1 km lineal desde el litoral que comprende la playa. En esa área cuenta con 56 viviendas habitadas por familias, de las cuales 9 se encuentran en peligro inminente. La comunidad Villa Cristiana cuenta con 25 casas vacías que pueden acondicionarse para su uso y 19 casas abandonadas. Dentro del perfil comunitario cabe destacar que existe un balance de población por segmentos de edad. | Pueblo: Loíza Comunidad: Villa Cristiana Litoral Población comunitaria total: 1,500 aprox Población directamente impactada: 106 personas Población beneficiada: 1, 200 familias aprox | \$6,000,000.00 | CDBG-DR, FEMA | | | | 18.431896 | 65.836943 | | Proyecto busca mitigar erosión costera e inundación costera. |
| Centros Sor Isolina Ferré | Non-Profit Organ | 07/27/20 | The CSIF Canovanos service center serves La Central Community (pop. 6,435), a very low-income sector of the Torrecilla Alta Barrio in Canovanos. It provides critical educational support services, counseling, adult education, early pregnancy prevention and other diverse community support services, including direct assistance and relief during disasters. This is a very low-income community, where 41.6% of its residents live in poverty; 21% of its population is over 60 years of age, and 26% of its population over 25 years of age has not attained a high school diploma. The site is an abandoned schoolhouse, formerly a lighted building, retrofitted for educational and human and social services. Although our site is not in a flood area, the most recent Canovanos Mitigation Plan (2014) identifies La Central as prone for repetitive losses, to become uncommunicated in a disaster, and in need of improved flood protection due to its proximity to Rio Grande de Loíza. This project will heighten the CSIF Canovanos Center community support mission and committed services to effectively prevent the loss of life and properties in a natural disaster and to serve as a disaster relief services and supply distribution center in a disaster as a PREMA microhub. This project will address two other critical Courses of Action (COAs) in the PR Government Disaster Recovery Report: (1) increase use of solar-powered generators and solar backup power source (HSS 1) and (2) improve the availability of electrical services for the most vulnerable buildings. | A 5,351 sq. feet former abandoned schoolhouse at Rd. 874, 16th street in La Central, Barrio Torrecilla Alta in Canovanos. | \$300,000.00 | 300000 | None | \$300,000.00 | 0.1228421 acres | 18.39884486 | -65.91651 | Multi-Hazard Mitigation | The CSIF service centers are first responders for many of the communities they serve due to their remote locations and to the difficult access as was the organization's experience after hurricanes Maria and Irma. For months the centers provided water, food, supplies and emotional and mental support. Having resilient facilities will increase the center's ability to continue providing this type of support in future events. |
| Corporación para el Desarrollo Económico de Trujillo Alto, C.D.E.T.A. | Non-Profit Organ | 07/23/20 | Flood control project that reduces the severe impacts of storms and hurricanes in the northeast of Puerto Rico, in the municipality of Trujillo Alto. | Street Dr. Fernandez #202, Trujillo Alto PR 00976 | \$7,450.90 | | | | Cleaning, scraping and sealing of roof for building with 4 housing units. This will help prevent future floods and leaks due to hurricanes or storms. | 18.354544 | -66.0068 | Multi-Hazard Mitigation | This roof sealing and repair project will prevent water from leaking into the apartments, preventing the loss of ceiling and wall fogging as well as cracks. Avoid future damages and higher expenses. |
| Corporación para el Desarrollo Económico de Trujillo Alto, C.D.E.T.A. | Non-Profit Organ | 07/23/20 | Flood control project that reduces the severe impacts of storms and hurricanes in the northeast of Puerto Rico, in the municipality of Trujillo Alto. This project will eliminate risks of flooding. | Street Dr. Fernandez, Trujillo Alto PR 00976 | \$5,115.50 | | | | scrape, clean, seal and do a good ceiling treatment to avoid water leaks to our tenants' apartments. | 18.35455 | -66.006706 | Multi-Hazard Mitigation | This roof sealing and repair project will prevent water from leaking into the apartments, preventing the loss of ceiling and wall fogging as well as cracks. Avoid future damages and higher expenses. |
| Corporación para el Desarrollo Económico de Trujillo Alto, C.D.E.T.A. | Non-Profit Organ | 07/23/20 | Flood control, protection, energy project that reduces the severe impacts of storms and hurricanes to the housing area for the elderly (120 homes) in the northeast of Puerto Rico, in the municipality of Trujillo Alto. This project will eliminate risks of flooding, destruction, not having 24 hour surveillance. | Egida Aires del Manantial, 1000 Carr. 845 Bo. Cuevas, Trujillo Alto, Puerto Rico 00976 | \$360,678.55 | | | | Replace 14 gas extraction grills in the apartments with ones that are steeper and do not allow water to enter. Place storm shutters on metal grates on each side of the hallway on all floors, 10 floors. This will protect the corridors from the entrance from heavy rain and winds, avoiding flooding, leaks, accidents and falling of the ceiling ceiling. Place an aluminum fixed louvers on the wall facing the semi-covered terrace on the 10th floor of the building. This will protect the metal roof from strong winds and the ingress of water to hallways and halls in that area. Complete the photovoltaic system that we have of 214 solar panels, this will avoid unnecessary fuel consumption, we will also protect the environment and most importantly we will give energy to the building and its important areas. With this the needs of our elderly are alleviated a little more in times of emergencies. Install security camera system, if security cameras were not installed, we would be left unattended in any emergency or situation, since Law # 173 does not pay us to be able to maintain security so that it is 24. | 18.36212856 | -66.02753884 | Multi-Hazard Mitigation | This project will help control flooding in the hallways of the building, which causes damage to elevators and can cause accidents among our elderly living on site. The solar energy project will prevent our elderly from running out of light in times of hurricanes and fuel shortages, and we will be doing good for the environment. The security camera project is to complement surveillance and keep our elderly safe. |
| Corporación para el Desarrollo Económico de Trujillo Alto, C.D.E.T.A. | Non-Profit Organ | 07/23/20 | Returbish Community Technology Center, Evaluate, repair and improve flood control infrastructure. Flood control project and energy power that reduce the severe impacts of storms in the northeast of Puerto Rico, in the municipality of Trujillo Alto. | Street Dr. Fernandez, Trujillo Alto PR 00976 | \$16,112.60 | | | | Install storm shutters or security windows to prevent flooding. Clean, scrape and seal the ceiling to prevent future leaks, install photovoltaic system for when the electricity goes out, in addition to the shortage of fuel for the generator in times of hurricanes or storms | 18.35455 | -66.006543 | Multi-Hazard Mitigation | These storm flaps will protect the community's cyber center facility from rain, winds and help keep the facility and equipment safe. Cleaning and sealing the roof will help prevent future flooding and leaks to the structure that could cause damage. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Palomo y Las Cruces in Barrio Guiltarte, Adjuntas, Carr. 131 Km 8.1 Int.518 Bo.Guiltarte Adjuntas, P.R. 00601. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.15908813 | -66.77680206 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|---|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | Conduct an in-depth economic study to present the condition of Small and Medium Enterprises (SMEs) in Puerto Rico since September 20th, 2017 (landfall of Hurricane Maria). The analysis will cover: the number of SMEs legally registered in Puerto Rico; economic indicators; number of SMEs that closed; recommendations of multisectoral integration initiatives to continue promoting SMEs in Puerto Rico; an analysis of the multiplier effects of SMEs; and additional information relevant to the profile and analysis of the contributions of SMEs to the local economy. The SME indicators will be collected from primary and official sources such as the US Census and its publications, the PR Department of Labor, the PR State Department, the PR Planning Board, the PR Institute of Statistics and the PR Department of Economy and Commerce of Puerto Rico, among others. The study will provide a much-needed recovery tool and economic revitalization roadmap to state and municipal government, and non-profit, private sector and local and statewide philanthropies. It will include recommendations to promote the SME sector more effectively as a vital engine of our economy. | The project will be coordinated from the Foundation's headquarters in Santurce, San Juan, Puerto Rico. It will cover Puerto Rico's 78 municipalities, divided in 8 regions (equivalent to senatorial districts). | \$245,000.00 | None Currently | None currently | \$245,000.00 | 3.4 million acres (all of Puerto Rico) | 18.4538 | -66.0693 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area, and in particular the advent of business interruptions among SMEs due to, among others, coastal flooding, 100-year flooding, hurricane winds, storm surge, severe storms, lightning, earthquake, tsunamis, sea level rise, wind events, and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. Besides its notable achievements in administering implementing federal grants for clean energy, safe water and housing recovery in low-income communities, the PRCF has a Rural Development Administration (USDA) grantee for over 15 years for community economic development efforts; |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in Aguas Buenas (pop. 26,275 in 2018/US Census) its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. After the collapse of the PREPA electric system after Hurricane Maria, the municipality of Aguas Buenas had to wait over 240 days for full power restoration, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | Aguas Buenas inner city urban core (barrio - pueblo/casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but partial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.2569 | -66.10294 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in Albonito its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. After the collapse of the PREPA electric system after Hurricane Maria, the municipality of Albonito had to wait over 230 days for full power restoration, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | Albonito inner city urban core (barrio -pueblo/casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but partial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.13996 | -66.266 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in Comerio (pop. 19,953 in 2018/US Census) its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. After the collapse of the PREPA electric system after Hurricane Maria, the municipality of Comerio had to wait over 270 days for full power restoration, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | Comerio inner city urban core (barrio -pueblo/casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but partial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.21801 | -66.226 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in San Lorenzo (pop. 37,873 in 2018/US Census) its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. After the collapse of the PREPA electric system after Hurricane Maria, the municipality of San Lorenzo had to wait over 248 days for full power restoration, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | San Lorenzo inner city urban core (barrio -pueblo/casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but Ipartial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.1894 | -65.961 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in Utuado (pop. 29,402 in 2018/US Census) its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. After the collapse of the PREPA electric system after Hurricane Maria, the municipality of Utuado had to wait over 244 days for full power restoration, exacerbated with multiple bridges fallen, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | Utuado inner city urban core (barrio -pueblo/casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but Ipartial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.265511 | -66.700455 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in Vieques (pop. 8,771 in 2018/US Census) its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. Vieques receives its electric energy through a submarine cable that comes from the big island. After the path of Hurricane Maria, all of Vieques electric system collapsed, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | Vieques/Isabel Segunda inner city urban core (casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but Ipartial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.124971 | -65.442123. | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation (PRCF) will replicate in Yabucoa (pop. 39,149 in 2018/US Census) its pioneer clean energy, business continuity and mitigation Renewable Energy System for Business and NGO's for Resiliency and Economic Development, initially funded in Culebra through EDA and EPA funding. After the collapse of the PREPA electric system after hurricane Maria, the municipality of Yabucoa -one of the hardest hit by hurricane winds- had to wait over 230 days for full power restoration, causing widespread losses of life, property and generating escalating business costs due to long operational interruptions, with some businesses and NPOs closing altogether. Our project will provide individual photovoltaic systems to at least 55 small and medium size businesses (supermarkets, drugstores gas stations, etc. and other critical services) and/or NPOs designated as essential service facilities during a natural disaster. This project will provide them with uninterrupted energy during all types of hazard and disasters, leading to improved resiliency and promoting the economic revitalization of this low-income municipality. Energy savings will be destined by participants to ensure periodic maintenance, repair and replacement of the energy systems to ensure their cost efficiency and achieve full self-sustainability over time. | Yabucoa inner city urban core (barrio-pueblo,casco urbano) | \$5,000,000.00 | None currently. Support will not duplicate any other funding received. | None yet, but Ipartial co-funding interest shown by the US Economic Development Administration (EDA/US Department of Commerce) and the Rural Development Administration (USDA) | \$5,000,000.00 | Approximately 1 square mile or 640 acres | 18.05052 | -65.87933 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Algarrobo, in Barrio Algarrobo, Aibonito (pop. approximately 250) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Algarrobo will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Algarrobo, in Barrio Algarrobo, Aibonito: Carr. 717 Km 6.1 Int. Bo. Algarrobo Aibonito, P.R. 00705. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.09884071 | -66.27115631 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Almirante Jagua, in Barrio Rabanal, Cidra (pop. approximately 350) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Almirante Jagua will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Almirante Jagua, in Barrio Rabanal, Cidra Carr. 173 Ramal 7775 Km 2.5 Bo. Rabanal Sector Cortes Cidra, P.R. 00739. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.17080688 | -66.19332886 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Alturas de Collores, in Barrio Collores, Jayuya (pop. approximately 400) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Alturas de Collores will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Alturas de Collores, in Barrio Collores, Jayuya : Carr. 140 Km 1.8 Bo. Collores Jayuya, P.R. 00664. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.19140816 | -66.62638092 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Alturas Piza, in Barrio Collores in Jayuya (pop. approximately 200) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Alturas Piza will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Alturas Piza, in Barrio Collores in Jayuya: Carr. 140 Km 8.1 Int. Sector Alturas Piza Jayuya, P.R. 00664 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.19140816 | -66.62638092 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Anones, in Barrio Anones, Naranjito (pop. Approximately 1,500) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Anones will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Anones, in Barrio Anones, Naranjito: Carr. 813 Km 1.0 Bo. Anones Naranjito, P.R. 00719. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.27157021 | -66.24365234 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Barranca, in Barrio Barrancas, Barranquitas (pop. approximately 700) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Barranca will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Barranca, in Barrio Barrancas, Barranquitas: Carr. 771 Km 3.0 Int. Bo. Barrancas Sector Los Cochones Barranquitas, P.R. 00794 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.21875954 | -66.31590271 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Bayamoncito, in Barrio Bayamoncito, Aguas Buenas (pop. approximately 600) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Bayamoncito will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Bayamoncito, in Barrio Bayamoncito, Aguas Buenas: Carr. 156 Km 40.5 Int. Bo. Bayamoncito Aguas Buenas, P.R. 00703. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.23583603 | -66.15963745 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Buenos Aires, in Barrio Tomás de Castro in Caguas (pop. approximately 400) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Buenos Aires will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Buenos Aires, in Barrio Tomás de Castro in Caguas: Carr. 788 Km 8.5 Sector Buenos Aires Caguas, P.R. 00725. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.20650482 | -66.01473236 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Cacao, in Barrio Cacao, Orocovis (pop. approximately 480) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Cacao will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Cacao, in Barrio Cacao, Orocovis, Carr. 157 Km 2.2 Int. Bo. Cacao Hacienda Orocovis, P.R. 00720. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.22223 | -66.38156 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Cañabón Abajo, in Barrio Cañabón, Baranquitas (pop. approximately 360) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Cañabón Abajo will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Cañabón Abajo, in Barrio Cañabón, Baranquitas, Carr. 772 Km 7.8 Int. Bo. Cañabon Pablo Marrero Baranquitas, P.R. 00794. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.22182083 | -66.33688354 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Cedrito, in Barrio Cedrito, Comerio (pop. Approximately 600) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Cedrito will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Cedrito, in Barrio Cedrito, Comerio, Carr. 772 Km 4.3 Bo. Cedrito Sector La Prieta Comerio, P.R. 00782. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.25426102 | -66.19634247 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Cedro, in Barrio Cedro, Cayey (pop. approximately 180) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Cedro will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Cedro, in Barrio Cedro, Cayey, Carr. 738 Ramal 7738 Bo. Cedro Sector Andaluca Cayey, P.R. 00736-947 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.10093498 | -66.1244812 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Coamo Arriba, in Barrio Coamo Arriba, Coamo (pop. approximately 400) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Coamo Arriba will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Coamo Arriba, in Barrio Coamo Arriba, Coamo: Carr. 55 Km 8.7 Bo. Coamo Arriba Coamo, P.R. 00769. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.14169884 | -66.36747742 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Corcovada, in Barrio Corcovada in Añasco (pop. approximately 460) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Corcovada will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Corcovada, in Barrio Corcovada in Añasco: Carr. 420 Km 3.0 Bo. Corcovada Arriba Añasco, P.R. 00610 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.29408836 | -67.05666351 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Cuyón, in Barrio Cuyón, Albonito (pop. approximately 656) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Cuyón will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Cuyón, in Barrio Cuyón, Albonito: Carr. 162 Km 2.8 Bo. Cuyón Albonito, P.R. 00705. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.10097694 | -66.24344635 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Doña Mayo, in Barrio Quebrada Grande, Barranquitas (pop. approximately 500) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Doña Mayo will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Doña Mayo, in Barrio Quebrada Grande, Barranquitas: Carr. 749 Km 2.5 Int. Bo. Quebrada Grande El Llano II Barranquitas, P.R. 00794 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.1988678 | -66.28048706 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad El Indio, in Barrio Zamas, Jayuya (pop. approximately 1,520) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of El Indio will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad El Indio, in Barrio Zamas, Jayuya; Carr. 144 Ramal 528 Km 1 Bo, Zamas Jayuya, P.R. 00664. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.20995712 | -66.61656189 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Fejejó, in Barrio Cedro Arriba, Naranjito (pop. approximately 500) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Fejejó will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Fejejó, in Barrio Cedro Arriba, Naranjito; Carr. 152 Ramal 809 Cedro Arriba Sector Fejejoo Naranjito, P.R. 00719. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.25817299 | -66.28132629 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Garza, in Barrio Garza, Adjuntas (pop. Approximately 720) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Garza will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Garza, in Barrio Garza, Adjuntas, Carr. 518 Km 9.4 Bo, Garzas Juncos Sector Cintrón, Adjuntas, P.R. 00601 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.15337563 | -66.74615479 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Guacío, in Barrio Guacío, San Sebastián (pop. approximately 300) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Guacío will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Guacío, in Barrio Guacío, San Sebastián; Carr. 119 Km 44.2 Int. Bo, Guacío Sector Boquerón, San Sebastián, P.R. 00685. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.28314781 | -67.00110626 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Helechal, in Barrio Helechal, Baranquitas (pop. approximately 900) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Helechal will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Helechal, in Barrio Helechal, Baranquitas: Carr. 143 Km 56.3 Int. Bo. Helechal Baranquitas, P.R. 00794. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.17201424 | -66.32086182 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Helecholes in Barrio Yahuecas in Adjuntas (pop. approximately 360) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Helecholes will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Helecholes in Barrio Yahuecas in Adjuntas Carr. 135 Km 17.5 Int. Adjuntas, P.R. 00601 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.19648824 | -66.79595184 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Humatas, in Barrio Humatas, Añasco (pop. approximately 200) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Humatas will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Humatas, in Barrio Humatas, Añasco: Carr. 495 Km 6.8 Bo. Humatas Añasco, P.R. 00610 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.3092556 | -67.10636139 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad La Cascada in Barrio Guaonico, Utuado (pop. approximately 120) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of La Cascada will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad La Cascada in Barrio Guaonico, Utuado: Carr. 10 Ramal 6103 Km 3.5 Bo. Guaonico Utuado, P.R. 00641 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.23741722 | -66.74019623 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad La Llanada, in Barrio Indiera Baja, Maricao (pop. approximately 400) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of La Llanada will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad La Llanada, in Barrio Indiera Baja, Maricao; Carr. 429 Km 2.5 Int. Bo. Indiera Baja Maricao, P.R. 00606. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.16714668 | -66.90559387 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad La Prieta, in Barrio Cedrito, Comerio (pop. approximately 168) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of La Prieta will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad La Prieta, in Barrio Cedrito, Comerio; Carr. 781 Km 3.0 Bo. Cedrito Sector La Prieta Comerio, P.R. 00782. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.25426102 | -66.19634247 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad La Tiza, in Barrio Palo Hincado, Baranquitas (pop. approximately 260) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of La Tiza will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad La Tiza, in Barrio Palo Hincado, Baranquitas; Carr. 720 Km 2.1 Bo. Palo Hincado Sector La Tiza Baranquitas, P.R. 00794. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.19087601 | -66.34967804 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Las Corujas, in Barrio Sumidero, Aguas Buenas (pop. approximately 1,200) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Las Corujas will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Las Corujas, in Barrio Sumidero, Aguas Buenas; Carr. 173 Km 18.7 Ramal 7173 Bo. Sumidero Sector Las Corujas Aguas Buenas, P.R. 00703. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.22637939 | -66.1234436 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Las Cruces in Barrio Pellejas in Adjuntas (pop. approximately 200), a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Las Cruces will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Las Cruces in Barrio Pellejas in Adjuntas. Carr. 524 Km 10 Hm 1 Bo. Pellejas Sector Las Cruces Adjuntas, P.R. 00601 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.2082653 | -66.70830536 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Los Cuarenta, in Barrio Mirasol, Lares (pop. approximately 240) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Los Cuarenta will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Los Cuarenta, in Barrio Mirasol, Lares; Carr. 432 Km 1.2 Bo. Mirasol Finca Juan Marrero Lares, P.R. 00669. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.24410057 | -66.85041046 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Los Oquendo in Barrio Hato Arriba, San Lorenzo (pop. approximately 600) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Los Oquendo will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Los Oquendo in Barrio Hato Arriba, San Lorenzo; Carr. 181 Ramal 788 Km 3.0 Bo. Hato Arriba, Sector Oquendo San Lorenzo, P.R. 00754 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.19394684 | -65.98471832 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Luis Lebrón, in Barrio Guavate, Cayey (pop. approximately 280) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Luis Lebrón will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Luis Lebrón, in Barrio Guavate, Cayey; Carr. 184 Km 27.5 Int. Bo. Guavate Sector Montañez Cayey, P.R. 00736. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.12301636 | -66.07016754 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Madriguera, in Barrio Bayamoncito, Aguas Buenas (pop. approximately 1,200) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Madriguera will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Madriguera, in Barrio Bayamoncito, Aguas Buenas; Carr. 156 Km 42.6 Int. Bo. Bayamoncito Sector Madriguera Aguas Buenas, P.R. 00703. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.23583603 | -66.15963745 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Magueyes, in Barrio Pezuela, Lares (pop. approximately 168) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Magueyes will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Magueyes, in Barrio Pezuela, Lares; Carr. 4131 Km 4.9 Bo. Pezuela Sector Magueyes Lares, P.R. 00669. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.24469948 | -66.89377594 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Maná, in Barrio Maná, Corozal (pop. approximately 240) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Maná will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Maná, in Barrio Maná, Corozal; Carr. 802 Km 1.7 Int. Bo. Mana Sector Lozada Corozal, P.R. 00783. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.2636776 | -66.31394959 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Matuyas in Maunabo (pop. approximately 120) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Matuyas will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Matuyas in Maunabo; Carr. 759 Km 6.2 Int. Maunabo, P.R. 00707. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.0337669 | -65.94748688 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Monteria, in Barrio Pasto, Coamo (pop. approximately 200) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Monteria will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Monteria, in Barrio Pasto, Coamo: Carr. 556 Km 5.3 Bo. Pasto Sector Monteria Coamo, P.R. 00769. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.10918236 | -66.3502121 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Nieves Sánchez, in Barrio Cedro Abajo, Naranjito (pop. approximately 500) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Nieves Sánchez will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Nieves Sánchez, in Barrio Cedro Abajo, Naranjito: Carr. 811 Km 3.0 Int. Bo. Cedro Abajo Naranjito, P.R. 00719. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.28916359 | -66.27086639 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Palmarito Cintrón, in Barrio Barrancas, Barranquitas (pop. approximately 760) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Palmarito Cintrón will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Palmarito Cintrón, in Barrio Barrancas, Barranquitas: Carr. 771 Km 7.9 Int. Sector Palmarito Bo. Barrancas Barranquitas, P.R. 00794. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.21875954 | -66.31590271 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Palmarito Cintrón, in Barrio Palmarito, Corozal (pop. approximately 800) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Palmarito Cintrón will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Palmarito Cintrón, in Barrio Palmarito, Corozal: Carr. 800 Km 2.4 Int. Bo. Palmarito Sector El Sapo Corozal, P.R. 00783. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.26003075 | -66.34314728 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Pandura, in Barrio Barreal, Peñuelas (pop. approximately 900) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Pandura will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Pandura, in Barrio Barreal, Peñuelas: Carr. 386 Km 7 Bo. Barreal Sector Pandura Peñuelas, P.R. 00624. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.10507202 | -66.75304413 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Pastillo de Tibes, in Barrio Pastillo, Ponce (pop. approximately 700) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Pastillo de Tibes will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Pastillo de Tibes, in Barrio Pastillo.: Carr. 10 Int. Bo. Pastillo Tibes Ponce, P.R. 00731. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.037 | -66.662. | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Pedro Calixto, in Barrio Borinquen, Caguas (pop. approximately 1,100) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Pedro Calixto will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Pedro Calixto, in Barrio Borinquen, Caguas: Carr. 763 Km 1.7 Bo. Borinquen Sector Praderas Caguas, P.R. 00725 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.16960526 | -66.04059601 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Pelegrín, in Barrio Ceiba, Cidra (pop. approximately 300) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Pelegrín will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners.100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Pelegrín, in Barrio Ceiba, Cidra: Carr. 782 Km 5.7 Bo. Ceiba Sector Pelegrín Cidra, P.R. 00739. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.20162201 | -66.16919708 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Pellejas, in Barrio Pellejas, Orocovis (pop. approximately 680) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Pellejas will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Pellejas, in Barrio Pellejas, Orocovis: Carr. 566 Km 4.9 Bo. Pellejas Orocovis, P.R. 00720. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.21922493 | -66.44408417 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Perichi, in Barrio Cain Alto, San Germán (pop. approximately 900) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Perichi will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Perichi, in Barrio Cain Alto, San Germán: Carr. 361 Km. 6.2 Int. Bo. Cain Alto San Germán, P.R. 00683. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.09523773 | -67.04073334 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Pozo Azul, in Barrio Hato Viejo, Ciales (pop. approximately 50) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Pozo Azul will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Pozo Azul, in Barrio Hato Viejo, Ciales: Carr. 6685 Ramal 632 Int. Km 3.9 Bo. Hato Viejo Cumbre Ciales, P.R. 00638. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.34161949 | -66.51432037 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Progreso, in Barrio Cerro Gordo, Aguada (pop. approximately 460) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Progreso will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Progreso, in Barrio Cerro Gordo, Aguada: Carr. 417 Km. 7.6 Bo. Cerro Gordo Aguada, P.R. 00602 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.33313942 | -67.14408112 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Quebrada Arriba, in Barrio Quebrada Arriba, Patillas (pop. approximately 500) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Quebrada Arriba will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Quebrada Arriba, in Barrio Quebrada Arriba, Patillas: Carr. 762 Km 3.4 Bo. Quebrada Arriba Sector Fondo del Saco Patillas, P.R. 00723. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.05225754 | -66.04922485 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Reventón in Barrio Sallito in Adjuntas (approximately 252) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Reventón will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Reventón in Barrio Sallito in Adjuntas Carr. 388 Km 3.2 Bo. Sallito, Sector Reventón Adjuntas, P.R. 00601 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.13698959 | -66.7204895 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Rio Chiquito, in Barrio Rio Chiquito, Ponce (pop. approximately 360) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Rio Chiquito will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Rio Chiquito, in Barrio Rio Chiquito, Ponce: Carr. 388 Ramal K.m 1.5 Bo. Rio Chiquito Ponce, P.R. 00731. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.02755547 | -66.61060333 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Salto Cabras, in Barrio Saltos, Orocovis (pop. approximately 600) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Salto Cabras will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Salto Cabras, in Barrio Saltos, Orocovis: Carr. 566 Km 1.8 Int. Bo. Saltos Orocovis, P.R. 00720 | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.20218849 | -66.4127655 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad San Diego in Barrio Pasto, Coamo (pop. approximately 120) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of San Diego will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad San Diego in Barrio Pasto, Coamo: Carr. 556 Km 2.3 Bo. Pasto Sector San Diego Coamo, P.R. 00769. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.10918236 | -66.3502121 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Santana, in Barrio Palos Blancos, Corozal (pop. approximately 255) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Santana will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Santana, in Barrio Palos Blancos, Corozal: Carr. 811 Km 3.0 Int. Bo. Palos Blancos Corozal, P.R. 00719. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.29127884 | -66.30071259 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will assist a non-profit community organization located in Comunidad Sonador, in Barrio Sonador, San Sebastián (pop. approximately 760) a remote and isolated very low-income community to develop a self-sustainable and resilient renewable, micro-grid, solar community-operated and clean energy system. Conventional power systems have never been a cost-effective alternative for these rural isolated communities. Its residents waited for months after Hurricane Maria to have power restored, and given its location, energy interruptions are a common occurrence. Keeping this community in the regular power grid is not a permanent and economically viable solution. Through community empowerment and reliable infrastructure, this community will prevent the loss of life and properties, as well as repetitive losses, in the case of a future disaster. Expert technical assistance and solar equipment (solar panels and inverters, batteries, hurricane-resistant racking, installation and related appurtenances) will be installed. The organized community of Sonador will assume maintenance and management responsibilities, with the financial and technical assistance of the Puerto Rico Community Foundation and other philanthropic partners. 100 housing units powered per community @ \$10,000 per housing unit = \$1,000,000. | Comunidad Sonador, in Barrio Sonador, San Sebastián: Carr. 423 Km 2.9 Bo. Sonador San Sebastián, P.R. 00685. | \$1,000,000.00 | None currently | None currently | \$1,000,000.00 | As an average, approximately 1.5 square mile or 960 acres | 18.3174 | -67.0286 | Multi-Hazard Mitigation | The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission, it has granted +\$1.5 million in grants to +50 non-profit organizations for solar energy systems, including the first community solar project in the rural Toro Negro community in Ciales (a second one in San Salvador, Caguas, is in progress) and the first certified Micro Grid Energy Bureau, Esperanza Village in Juncos. Recently, the applicant received grants (\$4.1M) by US Economic Development Administration install a 100% solar energy system to support businesses and critical facilities in Culebra; and from FEMA (\$25 million in HMGP/404 funds) to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Aceituno II in Villalba (pop. approximately 132) | Carr. 561 Ramal Final Sector Aceituno Villalba, P.R. 00766 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1564859 | -66.4940575 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Aceituna III in Villalba (pop. approximately 30) | Carr. 561 Ramal Final Sector Aceituna Villalba, P.R. 00767 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1576189 | -66.4915981 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Algarobos Nuevo in Aibonito (pop. approximately 156) | C.Carr. 717 Km 6.1 Int. Bo. Algarobos Aibonito, P.R. 00705 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.102833 | -66.2785 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Almirante in Cidra (pop. approximately 286) | Carr. 173 Ramal 7775 Km 2.5 Bo. Rabanal Sector Cortes Cidra, P.R. 00739 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1776085 | -66.1949096 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Alturas de Collores in Jayuya (pop. approximately 320) | Carr. 140 Km 1.8 Bo. Collores Jayuya, P.R. 00664 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.17639 | -66.62417 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Alturas Piza in Jayuya (pop. approximately 200) | Carr. 140 Km 8.1 Int. Sector Alturas Piza Jayuya, P.R. 00664 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1963415 | -66.6253559 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Anones Centro in Naranjito (pop. approximately 1,800) | Carr. 813 Km 1.0 Bo. Anones Naranjito, P.R. 00719 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.26047 | -66.23444 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Anones/Moya in Naranjito (pop. approximately 1,750) | Carr. 878 Km 3.1 Int. Bo. Anones Naranjito, P.R. 00719 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2655245 | -66.2450877 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Anón/Carmelita in Ponce (pop. approximately 800) | Carr. 143 (Bosque Toro Negro) Km 12.1 Hm.1 Ponce, P.R. 00731 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1515005 | -66.634745 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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|---|------------------|--------------------------------------|---|--|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Anón/El Tesoro in Ponce (pop. approximately 135) | Carr. 139 Km 15.7 Bo. Anon Sector El Tesoro Ponce, P.R. 00731-9604 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.12975 | -66.60653 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Apeadero in Patillas (pop. approximately 320) | Carr. 757 Km 5.9 Bo. Apeadero Patillas, P.R. 00723 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.023034 | -65.981923 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Aroza/Los Muertos in Arecibo (pop. approximately 350) | Carr. 627 Km 4.4 Bo. Aroza Sector Los Muertos Arecibo, P.R. 00688 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.378527 | -66.658778 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Asomante II in Las Piedras (pop. approximately 1,600) | Carr. 921 Ramal 9921 Bo. Tejas Sector Asomante Las Piedras, P.R. 00771 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1330288 | -65.8783764 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Asomante in las Piedras (pop. approximately 697) | Carr. 921 Ramal 9921 Las Piedras, P.R. 00771 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.14372 | -65.88139 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barcelona in Rio Grande (pop. approximately 260) | Box 117 Palmer PR 00721 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.3405536 | -65.7582737 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barrancas Centro in Barranquitas (pop. approximately 620) | Carr. 771 Km 3.0 Int. Bo. Barrancas Sector Las Cochones Barranquitas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2098837 | -66.3044589 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barraza in Canóvanas (pop. approximately 155) | CARR. 853 INT. 852 KM 11.4 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.305937 | -65.9398753 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barrio Cedro in Cayey (pop. approximately 168) | Carr. 738 Ramal 7738 Bo. Cedro Sector Andalucía Cayey, P.R. 00736-9471 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.095571 | -66.132293 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barrio Hatillo in Añasco (pop. approximately 300) | Carr. 4401 Km 1.0 Final Añasco, P.R. 00610 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.28067 | -67.16265 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barrio Quebradillas (pop. approximately 1,862) | Carr. 152 Km 8.8 Int. Sector Farallón Barranquillas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.185835 | -66.306554 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Barrio Real in Patillas (pop. approximately 522) | Carr. 184 Km 12.5 Bo. Real Patillas, P.R. 00723 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0761912 | -66.0537606 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Bayamoncito in Aguas Buenas (pop. approximately 536) | Carr. 156 Km 40.7 Int. Bo. Bayamoncito Aguas Buenas, P.R. 00703 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2405588 | -66.1697097 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Borinquen/Praderas in Caguas (pop. approximately 461) | Carr. 743 Km 1.7 Bo. Borinquen Sector Praderas Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1730377 | -66.0597177 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Brisas del Torito I in Cayey (pop. approximately 163) | Carr. 1 Km 64.0 Matón Ariba Cayey, P.R. 00736 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1045243 | -66.1832804 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Buenos Aires in Caguas (pop. approximately 154) | Carr. 788 Km 8.5 Sector Buenos Aires Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.165015 | -66.021877 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cacao in Yauco (pop. approximately 55) | Carr. 375 Bo. Sierra Alta Sector Cacao Yauco, P.R. 00698 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0903 | -66.8172 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cacao/La Sapia in Orocovis (pop. approximately 320) | Carr. 157 Km 2.2 Int. Bo. Cacao Hacienda Orocovis, P.R. 00720 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.208805 | -66.493333 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Caguas Real in Caguas (pop. approximately 992) | Carr. 52 Exp. Luis A. Ferre Exit of Caguas Bo. Turabo Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.198728 | -66.048357 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Calabazas Arriba in Yabucoa (pop. approximately 1,341) | Carr. 182 Km 4.1 Bo. Calabaza Sector Los Millanes Yabucoa, P.R. 00767 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0608298 | -65.9051026 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cantero in San Lorenzo (pop. approximately 53) | Carr. 745 Km 3 Int. Bo. Jagual Sector Cantero San Lorenzo, P.R. 00754 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.16142 | -66.01361 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Carasquillo in Cidra (pop. approximately 581) | Carr. 173 Ramal 782 Km 6.5 Int. Bo. Ceiba Sector Carasquillo Cidra, P.R. 00739 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2067103 | -66.1597096 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Casa de Piedra in Caguas (pop. approximately 372) | Carr. 784 Km 4.7 Bo. Cañaboncito Sector Casa de Piedra Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.212626 | -66.074911 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Casacada La Milagrosa in Utuado (pop. approximately 160) | Carr. 10 Ramal 6103 Km 3.5 Bo. Guanico Utuado, P.R. 00641 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.23707 | -66.73579 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cañabón Abajo in Barranquitas (pop. approximately 299) | Carr. 772 Km 7.8 Int. Bo. Cañabón Pablo Marrero Barranquitas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.24006 | -66.34556 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cañabón/Sector El Parque in Barranquitas (pop. approximately 113) | Carr. 722 Km 7.0 Bo. Cañabón Sector El Parque Barranquitas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2305005 | -66.3459769 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cedrito in Comerío (pop. approximately 360) | Carr. 781 Km 4.3 Bo. Cedrito Sector La Prieta Comerío, P.R. 00782 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.250518 | -66.18399 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Cerrote in Yauco (pop. approximately 58) | Carr. 374 Km 5.3 Int Bo. Rio Prieto Sector Cerrote Yauco, P.R. 00698 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1520106 | -66.8278569 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Damián Arriba in Orocovis (pop. approximately 320) | Carr. 157 Km 21.7 Int Sector Gregorio Orocovis, P.R. 00720 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.22833 | -66.41798 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Delgado in Caguas (pop. approximately 60) | Carr. 1 Km 30 Int.796 Com. La Barra Calle 12 Final Caguas, P.R. 00726 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.274827 | -66.051787 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad El Paraiso/Cañaboncito in Caguas (pop. approximately 48) | Carr. 172 Km 21 Bo. Cañaboncito Caguas P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.23411 | -66.08161 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Garzas Centro Aeropuerto in Adjuntas (pop. approximately 90) | Carr. 135 Km 19.3 Int. Aeropuerto Rullan Final Adjuntas, P.R. 00601 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1770415 | -66.7562741 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Helechal/Guayabo in Baranquitas (pop. approximately 720) | Carr. 143 Km 56.3 Int. Bo. Helechal Baranquitas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1687598 | -66.3380202 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad La 18 in San Lorenzo (pop. approximately 120) | Carr. 181 Km 16.1 Bo. Espino San Lorenzo, P.R. 00754 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0785358 | -66.0055368 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad La Cuchilla in San Lorenzo (pop. approximately 400) | Carr. 181 Ramal 788 Km 3.4 Bo. Hato Sector La Cuchilla San Lorenzo, P.R. 00754 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1793 | -65.99809 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad La Grama in Utuado (pop. approximately 60) | Carr. 613 Km 7.1 Bo. Tefuan Finca Hipólito Montero Utuado, P.R. 00641 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2675548 | -66.623816 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad La Tiza II in Barranquitas (pop. approximately 240) | Carr. 720 Km 2.1 Bo. Palo Hincado Sector La Tiza Barranquitas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1807921 | -66.3617985 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad La Tiza in Aguas Buenas (pop. approximately 327) | Carr. 7790 Km 1.3 Bo. Juan Asencio Sector Tiza Aguas Buenas, P.R. 00703 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2544148 | -66.1768011 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad La Unión in Caguas (pop. approximately 321) | Carr. 156 Int. Km 55.3 Bo. Cañabon Sector Unión Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.239956 | -66.0793288 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Laguna in Las Marías (pop. approximately 100) | Carr. 498 Km 3.2 Bo. Cerrote Sector Laguna Las Marías, P.R. 00670 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2062 | -66.913866 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Las Casas (pop. approximately 125) | Carr. 905 1.8 Int. Bo. Limones Sector La Casa Yabucoa, P.R. 00767 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0849487 | -65.8803892 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Las Conujas in Aguas Buenas (pop. approximately 800) | Carr. 173 Km 18.7 Ramal 7173 Bo. Sumidero Sector Las Conujas Aguas Buenas, P.R. 00703 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2185 | -66.13944 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Las Torres Andino in Aguas Buenas (pop. approximately 35) | Carr. 790 Ramal 7790 Km.2.4 Bo. Juan Asencio Sector Torres Andino Aguas Buenas, P.R. 00703 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2566382 | -66.1804262 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Los Velázquez in Caguas (pop. approximately 253) | Carr. 784 Km 4.8 Int. Bo. Cañaboncito Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.212 | -66.087 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Manuel Diaz in San Lorenzo (pop. approximately 357) | Carr. 788 Ramal 7788 Km 0.7 Bo. Jagual Sector Los Diaz San Lorenzo, P.R. 00754 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.16367 | -66.01278 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Maná I in Corozal (pop. approximately 500) | Carr. 802 Km 2.5 Int. Bo. Mana Corozal, P.R. 00783 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.26461 | -66.30656 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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|---|------------------|--------------------------------------|---|--|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Mulas/Sofia in Patillas (pop. approximately 53) | Carr. 184 Int. 754 Km 1.1 Bo. Mulas Sector La Sofia Patillas, P.R. 00723 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.051797 | -66.038527 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Mulfas-Centro min Aguas Buenas (pop. approximately 670) | Carr. 156 Ramal 790 Aguas Buenas, P.R. 00703 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2801601 | -66.1645497 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Nieves Sánchez in Naranjito (pop. approximately 600) | Carr. 811 Km 3.0 Int. Bo. Cedra Abajo Naranjito, P.R. 00719 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.26362 | -66.27184 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Pachtin in San Lorenzo (pop. approximately 300) | CARR. 181 RAMAL 788, KM 3.8 BO. QUEMADOS, San Lorenzo | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1731022 | -66.0034502 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Palmarito Centro in Corozal (pop. approximately 744) | Carr. 800 Km 2.4 Int. Bo. Palmarito Sector El Sapo Corozal, P.R. 00783 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.253916 | -66.326944 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|--|--|---|---|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Pastillo/Tibes in Ponce (pop. approximately 420) | Carr. 10 Int. Km 13.2 Bo. Pastillo Tibes Ponce, P.R. 00731 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0550874 | -66.6236874 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|---|---|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Quebrada Arenas in Maunabo (pop. approximately 180) | Carr. 939 Km 1.3 Int. Bo. Quebrada Arenas Maunabo, P.R. 00707 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0243708 | -65.8943775 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Quebrada Arriba in Patillas (pop. approximately 840) | Carr. 762 Km 3.4 Bo. Quebrada Arriba Sector Fondo del Saco Patillas, P.R. 00723 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0518442 | -66.0563425 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Quebrada Fria in Utuado (pop. approximately 100) | Carr. 603 Km 3.4 Int. Bo. Rancador Sector Quebrada Fria Utuado, P.R. 00641 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2522023 | -66.7565862 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Quebrada Honda in Guayanilla (pop. approximately 240) | Carr. 381 Km 2.2 Int. Bo. Quebrada Honda Sector Casanova Guayanilla, P.R. 00656 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.09737 | -66.78213 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Rio Piedras in San Germán (pop. approximately 220) | Po Box 1351 San Germán PR 00683 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1261409 | -67.0147445 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Sabana Hoyas in Arecibo (pop. approximately 400) | Carr. 683 Km 3.1 Sector Jobales Arecibo, P.R. 00662 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.37394 | -66.62528 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Sabana in Orocovis (pop. approximately 560) | Carr. 569 Km 4.7 Bo. Sabana Orocovis, P.R. 00720 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.234161 | -66.378 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Saltos Cabra in Orocovis (pop. approximately 500) | Carr. 566 Km 1.8 Int. Bo. Saltos Orocovis, P.R. 00720 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2059881 | -66.4210377 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Santas Pascuas in Ponce (pop. approximately 240) | Carr. 516 Km 3.3 Bo. Santas Pascuas Ponce, P.R. 0073 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.130066 | -66.606866 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Santo Tomás de Aquino in Orocovis (pop. approximately 131) | Carr. 566 Km 1.5 Bo. Salto Sector El Blandito Orocovis, P.R. 00720 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.191 | -66.42 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Sierrita in Villalba (pop. approximately 268) | Carr. 151 Ramal 561 Km 2.4 Villalba, P.R. 00766 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1468384 | -66.4866595 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Sierrita/Caonilla in Villalba (pop. approximately 100) | Carr. 553 Km 3.4 Caonilla Sector Sierrita Villalba, P.R. 00766 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.12893 | -66.42758 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|---|---|---|--|--|--|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Sodoma in Yabucoa (pop. approximately 566) | Carr. 182 Km 3.2 Int. Ramal 9910 Bo. Calabaza Sector Sodoma Yabucoa, P.R. 00767 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0609578 | -65.8996521 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Sonador II in San Sebastián (pop. approximately 800) | Carr. 423 Km 2.9 Bo. Sonador San Sebastián, P.R. 00685 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.3227726 | -67.0357207 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Tabor in Barranquitas (pop. approximately 432) | Carr. 771 Km 7.8 Int. Bo. Barrancas Abajo Barranquitas, P.R. 00794 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.236619 | -66.321202 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Taita in Orocovis (pop. approximately 80) | Carr. 590 Km 6.6 Int. Bo. Bauta Abajo Orocovis, P.R. 00720 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMG/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.199154 | -66.466306 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMG/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
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| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Talante in Maunabo (pop. approximately 88) | Carr. 370 Km 1.7 Int. Bo. Talante Sector La Fuente Maunabo, P.R. 00707 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0218442 | -65.9081433 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Tejas in Yabucoa (pop. approximately 1,892) | Carr. 905 Km 5.2 Ramal 9905 Int. Bo. Tejas Yabucoa, P.R. 00767 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.0998568 | -65.8961633 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Toro Negro in Ciales (pop. approximately 24) | CARR. 615 Km. 13.8 INT. BO. TORO NEGRO, Ciales | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.2709813 | -66.5059348 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Turabo Arriba in Caguas (pop. approximately 745) | Carr. 7784 Km 1.6 Int. Bo. Turabo Sector Los Hernández Caguas, P.R. 00725 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.20199 | -66.07344 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



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Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate? ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|--|--|---|--|---|---|--|--|---|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Vacas II in Villalba (pop. approximately 500) | Carr. 561 Final Sector Magates Bo. Vacas Villalba, P.R. 00766 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1614589 | -66.4768121 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Vacas III in Villalba (pop. approximately 500) | Carr. 561 Km 4.1 Bo. Vacas Villalba Sector Tamarindo, P.R. 00766 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1493831 | -66.4733566 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
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|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|--|---|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Vistas de Loiza in Loiza (pop. approximately 140) | CALLE ESPIRITU CARR 95, barrio Cuevas, Loiza | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.4222711 | -65.8893229 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Viví Abajo in Utuado (pop. approximately 57) | Carr. 111 Km 62.5 Int. Bo. Viví Abajo Utuado, P.R. 00641 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.27109 | -66.6843 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad William Lugo in Utuado (pop. approximately 60) | Carr. 523 Km 4.9 Bo. Arenas Utuado, P.R. 00641 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.23709 | -66.70212 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Zamas in Jayuya (pop. approximately 1,400) | Carr. 144 Ramal 528 Km 1.0 Bo. Zama Jayuya, P.R. 00664 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1882944 | -66.6068942 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster, and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|------------------|--------------------------------------|--|---|--|---|--|---|---|--|--|---|--|
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services in this rural, remote and economically disadvantaged community. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Garzas Juncos in Adjuntas (pop. approximately 460) | Carr. 518 Km 9.4 Bo. Garzas Juncos Sector Cintrón Adjuntas, P.R. 00601 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1428671 | -66.7465941 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Fundacion Comunitaria de Puerto Rico | Non-Profit Organ | 07/29/20 | The Puerto Rico Community Foundation will support infrastructural retrofits (such as well, storage tanks, filtration/disinfection and drinking water distribution systems) for a non-profit community organization operating a non-PRASA potable water system, duly registered at the PR Health Department under the US Drinking Water Act. This NPO was organized to provide basic needs given the lack of access to public PRASA services. Infrastructural solutions are needed to ensure the continuity of critical potable water services at Comunidad Helecholes in Adjuntas (pop. approximately 219) Projected project cost for needed infrastructure: \$86,245.00 | Carr. 524 Km 10 Hm 1 Bo. Pellejas Sector Las Cruces Adjuntas, P.R. 00601 | \$86,245.00 | None currently. Support will be adjusted to account and not duplicate any other funding received. | Some non-PRASA water systems have or will receive FEMA Public Assistance funding for infrastructure repairs related to Hurricane Maria. In addition, FEMA has awarded HMGP/404 funding to the Puerto Rico Community Foundation to improve and strengthen the energy resilience of non-PRASA water systems. Support will be need-based and adjusted for any additional mitigation and infrastructure support received by the non-PRASA systems. | \$86,245.00 | As an average, approximately 0.5 acres | 18.1792183 | -66.7811119 | Multi-Hazard Mitigation | Their recovery role and needs of non-PRASA systems have been recognized as priorities in the Governor's Recovery Report (COAs WTR 15.16 & 12). The project will prevent the loss of life and property and repetitive losses in a future disaster; and the likelihood that a threat will harm an asset with some severity of consequences in a most impacted and distressed area due to, among others, 100-year flooding, hurricane winds, rain induced landslides, severe storms, lightning, earthquake, wind events and other natural hazards. The applicant is a leading philanthropic organization, committed by charter to the needs of the community. Over the past 35 years, it has granted over \$75 million in grants to nonprofit organizations and low-income communities throughout Puerto Rico. As part of its mission and for the past 3 years the PRCF has been assisting and providing over 3,000 hours in technical assistance and more than \$700,000 in 15 grants to more than 50 non-profit organizations that operate non-PRASA water systems in Puerto Rico. Recently, the applicant received a \$25 million HMGP/404 mitigation grant from FEMA to improve the energy resiliency of + 200 Non-PRASA rural water systems throughout Puerto Rico. |
| Mujeres de Islas, Inc. | Non-Profit Organ | 08/19/20 | Safe Room Construction The safe rooms' facilities (400sq.ft./each) will comply with FEMA P-361, ICC 500 code and ADA. It will have generators and solar energy, double redundancy given the isolation/insularity, cisterns, cots, water purification systems, telecommunication/satellite, fuel tanks, batteries, first aid, emergency care and refrigeration needed for medicines. The warehouse will be used to ensure property safety to boats, cars and supplies. The shelter will provide capacity to families with children under the age of 5, for a total of 300 people, preventing lives and property loss in future disasters. | Latitude 18.303659 Longitude -65.301473 Fulladaza Street Barrio Playa Sardina, Culebra, PR 00775 Cadastre Number 476-022-002-01 | \$2,300,000.00 | N/A | N/A | \$2,300,000.00 | | 18.303659 | -65.301473 | Hurricane Force Winds | Culebra is vulnerable to hurricanes and other weather events (Ex. Hugo, Georges, Irma and Maria). Due to any of these emergency events our community is totally isolated and with no communication at all. Our only access to the Big Island of PR is through the maritime transportation or limited air transportation. (Ex. Culebra was without maritime ferry services for more than three weeks.) Culebra's actual shelter is the Ecological School, which is the only public school in the island. During the past two hurricanes, Irma and Maria, the generators didn't work. The water system, including the sewage system depend on the energy to operate. This malfunction caused sewer water started overflowing posing a health hazard. The Public Building Agency is responsible for school maintenance which can take months or even years to address. This has a negative impact to the resilient and recuperation efforts. Mujeres de Islas has a written agreement with the Municipality of Culebra to administer SEVA (old school) which is located at 18.303659 and -65.301473. Culebra also has an abandoned factory/warehouse available located at 18.301953 and -65.299406. Culebra's population is 1,818 with 381 older than 60 years or a 21%. As per the 2010 Census Culebra's poverty level is 45.68%. Culebra had two generators running for two |
| Mujeres de Islas, Inc. | Non-Profit Organ | 08/19/20 | This project will reduce the risks with landfills in 2 phases. Phase I: will assess landfill infrastructure needs for gas collection, slope stability, flood control and drainage, leachate collection and other protective measures; define landfill improvement needs, and design a cost-effective combination of structural retrofits, slope stabilization measures, localized flood-control measures, acquisition, and other infrastructure protective measures to prevent building and roadway damages from leachate overflows, trash landslides and nuisance flooding. | Latitude 18.323023 Longitude -65.322304 Lote 1 Sec Finca Tamarindo, Barrio Flamenco, Culebra, PR 00775 Cadastre Number 472-000-010-04-000 | \$1,600,000.00 | N/A | N/A | \$1,600,000.00 | | 18.323023 | -65.322304 | 100-year flooding | Project will (a) mitigate risks of explosion and exposure of toxic gases, trash landslides, leachate overflows and nuisance flooding, population of 1818 residents and over 700,000 tourists per year, 1234-ft of roadway, and flood-induced sewer backups; (b) extend the life and improve resilience of landfill assets; (c) use green infrastructure where possible to reduce runoff, improve water quality, minimize maintenance, enhance people quality-of-life, and maintain road access during flood events. Project will protect drinking water (groundwater) supply sources from infiltration of toxic fluids |
| Organización Caras of the Americas | Non-Profit Organ | 08/19/20 | Proyecto de reducción de inundaciones provocadas por eventos fuertes de precipitación, fuertes tormentas en el Municipio de Cataño y norte de Guaynabo. Para lograr estos se realizaran siembras de árboles nativos y costeros en distintas áreas: 1 Reserva Natural Ciénaga las Cucharillas, áreas costeras, 5 residenciales públicos, canales y desembocaduras, 7 escuela y 15 comunidades. Estas siembras estarán acompañadas por campañas educativas ecológicas para concientizar a los residentes sobre la importancia de los servicios ecosistémicos de los árboles sembrados y su protección ante eventos de inundaciones. | El proyecto se realizará en distintas áreas del Municipio de Cataño y Guaynabo: 1. Reserva Natural Ciénaga las Cucharillas localizada en la comunidad de Juana Matos, Cataño 2 Residenciales públicos: El Coquí, Juana Matos, Matienza Cintrón, Zenón Díaz Varcárcel, Villa Concepción 3 Escuelas: Mercedes Colorado, Issac del Rosario, Rafael Cordero, Francisco Oller, Onofre Carballeira, Rosalina C. Martínez, Luis Muñoz Rivera 4. Comunidades: Las Vegas, Las Palmas, Mariana Babia, Bahía | \$250,000.00 | | (1) Reserva Natural Ciénaga las Cucharillas localizada en la comunidad de Juana Matos, Cataño; (2) Residenciales públicos: El Coquí, Juana Matos, Matienza Cintrón, Zenón Díaz Varcárcel. Para la siembra en los residenciales se estaría elaborando un plan de acción junto con los residentes; (3) Escuelas: Mercedes Colorado, Issac del Rosario, Rafael Cordero, Francisco Oller, Onofre Carballeira, Rosalina C. Martínez, Luis Muñoz Rivera; (4) Comunidades: Las Vegas, Puente Blanco, Cucharillas, Juana Matos, Bay View, Cataño Pueblo, La Puntilla, Vietnam, Sabana, Amelia. Para la siembra en los residenciales se estaría elaborando un plan de acción junto con los residentes; (5) Áreas costeras: 7.0 kilómetros; (6) Canales y desembocaduras: 5.3 kilómetros | | 18429116 | -66137241 | 100-year flooding | El proyecto propuesto ayudaran a la recuperación rápida ante inundaciones reduciendo la vulnerabilidad que por años, especialmente después del huracán María, a impactado negativamente a los residentes de los Municipio de Cataño y norte de Guaynabo ante eventos de mucha lluvia. Según datos de la Agencia Federal para Manejo de Emergencia (FEMA, por sus siglas en inglés), todos los áreas propuestas para este proyecto de mitigación de inundaciones están bajo el FEMA Special Flood Hazard Area. | |



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|---|------------------|--------------------------------------|---|--|--|---|--|---|---|--|--|---|---|
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | 1. Coastal Restoration and Stabilization: this two-phased project will help mitigate flood risk and erosion using reforestation in three coastal areas in Puerto Rico: Cabezas de San Juan Nature Reserve in Fajardo (main road), Roosevelt Roads in Ceiba, and PR-250 in Culebra. The project will help restore coastal zones and wetlands by applying reforestation practices that promote erosion control, help stabilize and reduce flood risk of these main access roads during coastal climate events. Phase I will develop the reforestation plan and related practices. Phase II will be its implementation. | Cabezas de San Juan Nature Reserve in Fajardo; Roosevelt Roads in Ceiba; PR-250 in Culebra | \$1,600,000.00 | N/A | N/A | \$1.6 million | Not yet available | 18.38134 | -65.6179393 | Hurricane Storm Surge | Project will use mangrove green infrastructure to a) promote road stabilization b) reduce flood risk, and c) control erosion. The main roads targeted are key accesses to communities, hospitals, ports, and other critical facilities; are located within important economic and tourists spots, as well as provide access to important archaeological sites. Wetland ecosystems are irreplaceable natural flood control systems. By replacing tree mortality and enhancing ecosystem conditions the project will prevent the system to perish and regain its protective function from flood and erosion. Alignment with recommendations made in local, state or federal plans: Culebra Community-Based Climate Change Adaptation Pilot Plan, Estudios Técnicos (Funded by NOAA/DNER CZM Program, 2016) Climate Change Adaptation Strategies for Protected Areas in Puerto Rico, WPI (2019) |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Coastal Erosion Reduction and Dune Enhancement: this project will help mitigate flood risk and erosion of various coastal areas in NE Puerto Rico: Loiza PR-187 road, Seven Seas Bay and Canalejo Beach in Cabezas de San Juan in Fajardo, and Medio Mundo Beach in Ceiba. The project will restore coastal zones using dune stabilization practices: sand catchment methods with vegetation and biomimicry overpaths, enhancing and maintaining the sand dune's function of acting as first line of defense against coastal storms and beach erosion, while life and investments will be protected from future coastal events. | Loiza PR-187; Seven Seas Bay and Canalejo Beach in Cabezas de San Juan, Fajardo; Medio Mundo Beach in Ceiba. | \$500,000.00 | N/A | N/A | \$500,000.00 | Not yet available | 18.38134 | -65.6179393 | Multi-Hazard Mitigation | The three areas targeted by the project have suffered from long-time coastal erosion and flooding, impacting accessibility to main roads, putting human lives at risk, residential and commercial structures at risk; affecting important beaches that generate economic benefits to communities through tourism (Las Croabas, Seven Seas Bay), and threatening the loss of significant archaeological sites (Canalejo Beach). The project will improve flooding protection qualities and diminish erosion of the dunes, enabling access during flood events and provide better protection to life and investments. Alignment with recommendations made in local, state or federal plans: NCR and Transportation Sector meetings (2018) Climate Change Adaptation Strategies for Protected Areas in Puerto Rico, WPI (2019) |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Coastal flood risk reduction, beach erosion control and sand dunes restoration. The project will restore coastal zones in north & southeast Puerto Rico (Camuy, Hatillo, Arecibo, Vega Baja, Dorado, San Juan, Carolina, Loiza, Rio Grande, Fajardo, Humacao & Arroyo) implementing low-cost green infrastructure strategies: sand catchment methods with vegetation and biomimicry overpaths and wooden boardwalks. Coastal dunes play an essential role in hazard mitigation, their restoration promotes beach stabilization and increases their protective function preventing erosion and reducing wave energy. | Coastal zones in north and southeast Puerto Rico: Camuy, Hatillo, Arecibo, Vega Baja, Dorado, San Juan, Carolina, Loiza, Rio Grande, Fajardo, Humacao & Arroyo | \$6,200,000.00 | N/A | N/A | \$6,200,000.00 | N/A | 17.8 | -67.29 | Multi-Hazard Mitigation | Dunes are one of the first lines of defense for human communities and critical infrastructure against powerful storms, coastal erosion and flood hazards that impact human communities and local economies (Sigren et. al., 2018). These strategies will restore dunes and provide the following benefits: storm erosion and flood risk reduction, protection of coastal archaeological sites, maintenance and creation of activities that have commercial, recreational, and economic value to the island. Restoring coastal dunes would increase the resilience of coastal communities and their vital infrastructure. Alignment with existing local, state, and federal plans: NCR and Transportation Sector meetings (2018) Climate Change Adaptation Strategies for Protected Areas in Puerto Rico, WPI (2019) |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Creation of Riparian Forested Buffers (RFBs) in the Rio Fajardo Watershed: this project will establish Riparian Forested Buffers in agricultural lands along the Fajardo River and tributaries as a mitigation activity to improve marine/coral reef habitat by reducing land based sources of pollution. Municipalities benefited: Fajardo & Ceiba. Project activities include: 1) planting of native trees, shrubs and herbaceous species; and 2) 5-year monitoring and maintenance with support from farmers. These activities will help decrease levels of land-based sediment loads during future weather events. | Rio Fajardo Watershed | \$1,340,000.00 | N/A | N/A | \$1,340,000.00 | Not yet available | 17.8 | -67.29 | Multi-Hazard Mitigation | Coral reef structures buffer shorelines against waves, storms, and floods, helping prevent loss of life, property damage, and erosion. Riparian vegetation slows floodwaters, helping maintain stable streambanks and protect downstream property and green infrastructure. Hurricanes Irma and Maria had devastating effects in Rio Fajardo Watershed coral reefs ecosystems: strong winds and heavy rainfall caused deforestation and excess sedimentation in water runoff, resulting in poor water quality conditions for coral reef ecosystems as well as putting at risk the infrastructure and communities. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Cultural Collection Deposit: the project seeks to create a safe deposit where to store the applicant's collection of valuable artifacts of more than 2,000, currently dispersed throughout various properties in uncontrolled environments. The project will retrofit a structure of +/- 3,900 sq. ft. with controlled environmental conditions and proper storage to house, study, exhibit and preserve the cultural collection of non-archaeological objects. The facility will have a laboratory for study and citizen science activities, and space for itinerant exhibitions of objects in the collection. | San Juan | \$600,000.00 | N/A | N/A | \$600,000.00 | Not yet available | 17.8 | -67.29 | Multi-Hazard Mitigation | The project will aid the safe storage, study and preservation of valuable artifacts of historic and cultural significance to Puerto Rico and the Caribbean. The Cultural Collection Deposit will provide a controlled environment to house the organization's collection of cultural artifacts, ensure its protection from future disasters, implement sustainable conservation solutions, provide access to the public, through exhibitions and activities. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Preservation Resource Center: the project proposes to establish a Center that addresses climate change adaptation and resiliency through capacity building. The Center will further the conservation and resiliency of historic structures by providing currently non-existent services in key areas of preservation, including support to owners through guidance and resources; restoration with mitigation measures for future disasters; capacity building (train contractors, workers and do-it-yourselfers in traditional restoration crafts); and a salvage deposit, to recover historic material for reuse. | San Juan | \$200,000.00 | N/A | N/A | \$200,000.00 | Not yet available | 17.8 | -67.29 | Multi-Hazard Mitigation | Owners of historic properties continue to face insurmountable challenges: lack of funding, materials, trained workforce, support, or understanding. The Preservation Resource Center will create a lifeline for historic sites by providing individuals, communities and municipalities the support they need to safeguard our built heritage, enhance its resiliency to future disasters and ensure its preservation. The proposed Center will bring a heretofore non-existent focus on the value and potential of PR's cultural resource preservation for economic recovery, community redevelopment and resiliency. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Protecting reservoirs and their watershed in the Municipality of Cidra: The project will apply green infrastructure methods as a mitigation action to protect the reservoir and watershed against drought and flooding, while maintaining its productivity and protect the surface and underground water supplies. The project will create a successional vegetation buffer to: 1) create riparian buffer in both sides of stream channels feeding the reservoir, and 2) reduce sedimentation and improve the water quality and availability. Collaborators will include Municipality of Cidra, DNER, and PRASA. | Cidra | \$2,700,000.00 | N/A | N/A | 2.7 million | N/A | 18.1758 | -66.1613 | Multi-Hazard Mitigation | This project will help contribute towards the availability of clean water resources for the residents and businesses of the Municipality of Cidra. During prior climate events clean water resources have been scarce, creating a concern for the municipality on how this resource is preserved and the use of the lakesides can affect its quality and availability. Using green infrastructure methods provides a sustainable response to control runoff, while providing the opportunity to educate citizens on the importance of watershed protection to increase water accessibility during future natural hazards. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Protection of artifacts from archaeological sites threatened by erosion in Cabezas de San Juan (Fajardo) and Hacienda La Esperanza (Manati) Nature Reserves. The project seeks to provide, via construction and/or adaptation of a structure, a collections' storage area with controlled environmental conditions to preserve, study, and exhibit archaeological artifacts being recovered from two coastal sites in Manati and Fajardo. This action will help mitigate future damage to the sites, which are under continuous threat by erosion due climate events including hurricanes and high tide events. | Cabezas de San Juan Nature Reserve in Fajardo; Hacienda La Esperanza Nature Reserve in Manati | \$850,000.00 | N/A | N/A | \$850,000.00 | Not yet available | 18.38134 | -65.6179393 | Multi-Hazard Mitigation | The project will aid the recovery, study and preservation of valuable pre-Columbian artifacts in Puerto Rico, contributing to an issue barely studied and addressed in the Caribbean area: the impacts of climate change and natural disasters on cultural resources. The facility will have a laboratory and exhibition space showcasing the recovered artifacts and highlight among other aspects, the impact of erosion on cultural resources, focusing on successful strategies to ensure their preservation. Both areas of interests are under salvation excavation projects with the Institute of Puerto Rican Culture. |



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| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Relocation of Substantially Damaged Owner-Occupied Homes in Comunidad El Negro, Ines Maria Mendoza Nature Reserve. Yabucoa: this 3-phased project will help to voluntarily relocate 12 families currently living in a hazard-prone area inside the Reserve, in structures deemed inhabitable. Phase I: applicant, Municipality and NGOs will develop a relocation plan that addresses needs for each household. Upon successful completion of Phase I: Phase II, acquisition of land outside hazard-prone area (to relocate families); Phase III construction of homes and moving residents to safer, resilient housing. | Yabucoa, Inés María Mendoza Nature Reserve | \$2,000,000.00 | N/A | N/A | \$2 million | N/A | 18.0505199 | -65.8793335 | Multi-Hazard Mitigation | The small, community of El Negro has lived in an area entirely exposed to weather events and natural hazards for more than 6 decades, in unsafe structures built with poor materials. With 35 individuals living below the poverty level, mostly above 40 yrs of age and several elderly, they lack the resources to attain residences that provide them with proper shelter, resilient to the coastal events in the southeast area of PR faces on a regular basis (tidal events, storms, erosion). The project will benefit these households by providing new housing able to withstand future events, safe shelter and stability to their lives. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Research study of the long-term condition of cultural collections in non-controlled exhibition and storages in the Caribbean, at Hacienda Buena Vista Natural Protected Area in Ponce. Fluctuations in weather conditions such as temperature and relative humidity, caused by climate events, can accelerate the deterioration of valuable cultural collections. Using the Hacienda's current collection, the project will conduct compilation, monitoring and analysis of climate data to identify and understand behavior of cultural collections exhibited and stored without climate control in a tropical area. | Hacienda Buena Vista, Natural Protected Area in Ponce, Puerto Rico | \$100,000.00 | N/A | N/A | \$100,000.00 | Not yet available | 18.0110798 | -66.6140594 | Multi-Hazard Mitigation | The fragility of the energy system in Puerto Rico impacted by climate events has made it challenging for entities to maintain valuable cultural collections in a climatized environment promoting its preservation. This study will provide data to cultural entities, locally and in the Caribbean, presenting the real impact to exhibitions and collections stored in areas without controlled environments before and after weather events. The research seeks to provide sustainable alternatives to conservation of collections in a tropical environment, and implement protocols for collections preservation. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Safe Room Construction in four Disadvantaged Communities: the project will retrofit 4 abandoned structures in 4 disadvantaged communities (Capetillo in Rio Piedras, El Portón in Baranquitas, Marín Alto in Patillas, and Pitahaya in Canóvanas) and transform them into emergency response spaces meeting FEMA P-361 criteria to provide immediate life-safety protection for community residents. The rooms' function include shelter and storage for water, food, and first need articles. Rooms will be co-managed with the community, building their resilience towards future emergency events. | Various | \$200,000.00 | N/A | N/A | \$200,000.00 | Not yet available | 17.8 | -67.29 | Multi-Hazard Mitigation | Project will provide four disadvantaged communities with safe spaces where to in "near-absolute protection" from various hazards, from natural to man-induced events. Community safe rooms will protect residents from injury and death, and maintain items of critical importance during and after an emergency event, as well as shelter for human life. Each safe room is intended for the use of the residents of the community and surrounding areas. The cost per safe room in each community will be an estimated \$50,000. FEMA P-361 Recommended Criteria will be used in the design of the safe rooms. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Soil Stabilization in the Rio Piedras: this two-phased project will use reforestation practices to stabilize the land on both sides of the Rio Piedras (Piedras River) along the Antiguo Acueducto del Rio Piedras, and prevent future landslides and control erosion. The first phase of the project is the design and development of a planting plan, selecting specific areas where to and which vegetation to plant. Species to be used in reforestation activities include native trees and shrubs available at Para la Naturaleza tree nurseries. The second phase will be the actual reforestation activities. | Rio Piedras, Antiguo Acueducto Rio Piedras | \$500,000.00 | N/A | N/A | \$500,000.00 | N/A | 18.2208328 | -66.5901489 | Multi-Hazard Mitigation | Soil erosion can cause increased amount of sediment in rivers, impacting wildlife all the way to ocean (marine fisheries, seagrass and coral reefs), drinking water quality, and increasing the risk of flooding to residential and commercial areas, putting human life and material property in danger. Applying reforestation practices on unstable lands along Rio Piedras helps reduce soil erosion, provide stabilization to land and increase its water quality and retention capacity. Life and material property will have protection from future natural hazards causing flooding and landslide events. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Solar Generation and Storage Systems Outfitting for 7 Community Resilience Centers: The project will provide solar generation and storage systems for 7 resilience centers located in communities adjacent to the applicants' nature reserves. Each sustainable community center will serve as shelter, safety hub, with an infrastructure able to withstand natural hazards and provide the community with the critical service of energy. The project includes the installation of solar panels and battery packs, and training to community members in the maintenance of equipment of renewable energy system. | Various | \$300,000.00 | N/A | N/A | \$300,000.00 | Not yet available | 17.8 | -67.29 | Multi-Hazard Mitigation | The installation of solar panels in these 7 centers will allow for community residents to access and store reusable energy, decreasing interference from other energy sources and communications capabilities, as well as other critical necessities, such as cold storage for medications and certain foods. This also provides self-sufficiency to the community to address certain critical needs during disasters when and if critical service agencies are not able to contact and reach them due to limited access or lack of communication services. Cost per center: \$35,000 + 20% administrative cost. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Structural Retrofitting: Windows and Doors Replacement at Cabezas de San Juan Lighthouse: the project will increase this historic structure's capacity to withstand natural hazards (eg hurricanes), as required by the PR construction code, replacing 32 windows and 6 doors using materials that comply with impact requirements (ASTME 18886 E 1994) and following SHPO regulations for rehabilitation of historic properties. These actions will help the structure's hardening and reduce/eliminate risk of future damage. The retrofitting will respect the character and structure of this historic building. | Cabezas de San Juan Lighthouse, Fajardo | \$70,000.00 | N/A | N/A | \$70,000.00 | Not yet available | 18.3813 | -65.6179 | Multi-Hazard Mitigation | This retrofit project will benefit this valuable asset and historic structure from future natural hazards. First lighted in 1882, is the second oldest lighthouse in Puerto Rico, and is part of the National Register of Historic Places. +/- 15,000 visitors that come to the facilities of the Lighthouse on a yearly basis, and is part of the Cabezas de San Juan Nature Reserve in Fajardo, home to more than six ecosystems. The lighthouse is also designated as a State Historic Site. This facility is currently closed to visitors as a result of the impacts of Hurricanes Irma and Maria in 2017. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Wetland Hydrological Studies in Barrio Bajura mangrove: this two-phase project will mitigate flooding along the mangrove in Barrio Bajura of Isabela, south of Jobos Beach. Phase I (\$100K) will assess existing and historical hydraulic conditions and functions of the mangrove, and how the hydrology of this ecosystem has changed over the years by anthropogenic impact. Conducting a hydrological study will provide understanding of the ecosystem and serve tool for the restoration of this ecosystem and functions, including flooding control. Phase II will develop the restoration plan (\$50K). | Barrio Bajura mangrove, Jobos Beach, Isabela | \$150,000.00 | N/A | N/A | \$150,000.00 | Not yet available | 17.9462 | -66.1921 | Hurricane Storm Surge | Understanding hydrology is the focus for any intended wetland restoration. This project will provide important data and information of the conditions of this coastal wetland, serving as a foundation for the development of a tailored restoration plan that will consider actions to return the mangrove to its maximum functional capacity. Maintaining mangrove protective services against natural disasters helps reduce threats to life and livelihoods, public infrastructure, and investments, while increasing the resiliency of coastal areas. |
| Para La Naturaleza | Non-Profit Organ | 07/20/20 | Wetland Restoration Project at Jobos Wetland in Isabela: this three-phase project will reestablish the functionality as first line of protection from climate events of this coastal wetland by: 1) Conducting a study assessing the hydraulic conditions and functions of the mangrove, including historical conditions, 2) Developing plan and restoring the connection to the ocean by planting mangrove saplings and other species native to this wetland habitat, and 3) establish a monitoring and assessment program including the community's participation to secure mitigation and restoration of the area. | Jobos Wetland in Isabela | \$5,000,000.00 | N/A | N/A | \$5 million | not yet available | 17.9462 | -66.1921 | Hurricane Storm Surge | The Jobos wetland as of today has 95% of its mangrove habitat dead. This project will restore the resiliency and functionality of Jobos coastal wetland as a natural barrier vital to minimize the eminent threats to lives and livelihoods, public infrastructure, and the main access to homes and businesses that is Road 466. The project will include community efforts already in place to keep the control of this restoration in the hands of the people that benefits from it and will make sure that the restoration is a success for their own benefit. Alignment with recommendations made in local, state or federal plans: Assessment of Urban Coastal Wetlands Vulnerability to Hurricanes in Puerto Rico Benjamin Branoff MSc, Elvira Cuevas, PhD, & Elix Hernández BSc, UPR With contributions from: Jon Fripp, PE, Natural Resources Conservation Service; Barry Southerland, PhD, USDA NRCS |



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| Nuestro Corazón Para Su Hogar | Private Entity | 08/18/20 | SOCIAL INTEREST HOUSING PROGRAM - The mission of Nuestro Corazón Para Su Hogar is to provide quality humanitarian services for families and communities impacted by natural and man-made disasters across Puerto Rico. We are dedicated to equally serve the people of Puerto Rico and meet the challenges of governance at all levels while enhancing public safety, economic development, and the general welfare of the municipalities and their citizens due to the destruction caused by Hurricane Maria 4339 and other disasters. This consists of long-term operations of assessing damages and working with local contractors to make sure the citizens of Puerto Rico have quality housing. Our long-term milestones are to restore the post disaster populations homes or provide quality interim housing if their homes are damaged beyond repair as well as be a resource for any other unmet needs such as food, clothing, and social services. TARGET POPULATION The target population will be the CDBG and PRDOH identified eligible individuals still recovering from the effects of Hurricane Maria. Contact information for residents of the affected Puerto Rican communities will be received through PRDOH and CDBG. This will provide NCFSH with the necessary tools and information to initiate damage assessment protocols and coordinate cost estimation of projects of each case and | In the program of NCFSH will provide services for the homes that were affected in 4339 Hurricane Maria. Construction Cost Analysis Disaster Case Manager Quality Assurance PM/TFE with Lead of DCM, CCA and QA will provide cases, create strategic teams, reports, provide support and resources to their team. Our goal is that the staff that will be on the field will have all the resources required to complete the objectives. The DCM is responsible to provide guidance and liaison services to link the survivor to community resources. All DCM's will coordinate with CCA's to approach the appropriate people of each case and | \$2,644,114.00 | none at this current time. | none at this current time. | \$2,644,114.00 | After the devastation left by Hurricane Maria 2017, we arrived in PR to begin recovery work in 50 municipalities. We focus on channeling our resources, effort and experience, working in favor of vulnerable communities with housing reconstruction, social and legal services. We impacted on 28,000 families living under the poverty indices, owners without ownership of their homes, the elderly and children in social and economic disadvantage. With a staff of specialist employees in case managers, construction analysts, social workers, lawyers and psychologists, among other professionals we address the needs of clients using the model. The work consisted of linking the client's need with competent and available bonafide organizations and entities to meet the identified needs, such as construction materials and labor, household goods and furniture, clothing, food, and social and legal services. | 18.291188 | -67034986 | Multi-Hazard Mitigation | The flood control project that is worsened during Hurricane Maria and produced great economic losses for the people affected. |
| CORP. PROYECTO ENLACE CANO MARTIN PENA | Quasi-Governme | 07/27/20 | Include the ENLACE Project as a multi-sector initiative within the Action Plan. The ENLACE Project will foster economic development and revitalization, housing, and adequate infrastructure in an innovative and strategic way. Through the implementation of its Comprehensive Development Plan together with the distinct policies for the area, the ENLACE Project is a long-term transformational initiative that will help reduce risks, revitalize distressed communities, improve the public health, safety and quality of life of thousands of families, and transform the city. | n/a | Unknown | n/a | n/a | n/a | n/a | n/a | n/a | Multi-Hazard Mitigation | |
| CORP. PROYECTO ENLACE CANO MARTIN PENA | Quasi-Governme | 07/27/20 | Paseo del Caño Norte Buena Vista Santurce, Barrio Obrero Marina & Barrio Obrero San Ciprián: This project will increase capacity & resilience of sanitary sewer system (SSS) & stormwater infrastructure to mitigate flood-risks in the Caño Martín Peña Special Planning District north. Phase I: Cost-effective design & construction of stormwater system in Rexach Ave. Phase II & III: Cost effective design & construction of SSS, potable water, stormwater & transportation infrastructure (Paseo del Caño) in Buena Vista Santurce & Bo. Obrero San Ciprián. Phase IV: Cost-effective design & construction of stormwater system & Paseo in Bo. Obrero Marina. Approximately 519 buyouts, relocations & demolitions required. The project will benefit an estimated 19,758 residents of the District & Cantera, including 2,470 families that will be connected to sanitary sewer, potable & stormwater systems. It will reduce the frequency or severity of flooding & flood damage, volume of raw sewage discharges & combined sewer overflow, & manage 456 acres of watershed sub-basin, providing flood-protection & addressing public health issues for over 5,121 residents in the northern region of the Caño, increasing conveyance of the San Juan Bay Estuary & enabling the dredging of the Caño, improving natural drainage functions. | The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. Specifically, the project is delimited to the North by the Barinque Avenue, to the East by the Barbosa Avenue, to the West by the Ponce de León Avenue and to the South by the Caño Martín Peña. It is associated to the S.JBE watershed, or drainage subbasin which extends above a broad, flat coastal plain and consists of 83 square miles of land and 14 square miles of water. The S.JBE watershed extends throughout the following municipalities: Bayamón, Carolina, Cataño, Guaynabo, Loiza, San Juan, The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. | \$171,000,000.00 | \$1,525,271.50 | Joint Resolution 41-2015 (Local Funds): \$56,000; and CapEx (Local Funds): \$1,469,271.50 | \$169,474,729.00 | This project will manage 456 acres of S.JBE watershed sub-basin, including 203-acre sub-basin in the northern part of the S.JBE watershed of BV-S (Phase II), and a 42-acre sub-basin also in BV-S for green infrastructure initiatives (Phase II) | 18.433877 | -66.051812 | Multi-Hazard Mitigation | This project is an integral part of the Caño Martín Peña ENLACE Project which provides an unique opportunity to promote Puerto Rico' long-term recovery and economic resilience, while addressing major public health and safety issues resulting from current inadequate storm water and sewer infrastructure, and the environmental degradation of the Martín Peña tidal channel. These conditions worsen after each storm. The implementation of the project, jointly with other critical infrastructure and ecosystem restoration interventions, will also reduce the vulnerability of critical infrastructure, such as the Luis Muñoz International Airport and will transform the city of San Juan by providing new inland waterfront and recovering its environmental assets. Puerto Rico/ENLACE have invested over \$100 million towards, and developed key partnerships with local, state, and federal government, local and international private partners. Federal investment will result in a return partially estimated in \$587 million to the Puerto Rican economy, including real estate and tourism, and avoided costs include estimated losses of over \$700 million per 100-year recurrence flood. The estimated project costs are divided in the following phases: (a) \$17 million for implementation of Phase I: Stormwater system in Rexach Ave; (b) \$59 million for |
| CORP. PROYECTO ENLACE CANO MARTIN PENA | Quasi-Governme | 07/27/20 | Paseo del Caño Sur Buena Vista Hato Rey, Las Manjás and Parada 27: This project will increase capacity & resilience of sanitary sewer system (SSS) & stormwater infrastructure to mitigate flood-risks in the Caño Martín Peña Special Planning District South. Phase I: Cost-effective design & construction of stormwater & transportation (Paseo del Caño) infrastructure in 810 m Buena Vista Hato Rey & Las Manjás. Phase II: Cost-effective design & construction of stormwater & roadway infrastructure to increase vital accessibility. Phase III: Cost-effective design & construction of Paseo in 570 m of Parada 27. Approximately 224 buyouts, relocations & demolitions required. The project will benefit an estimated 19,758 residents of the District & Cantera, including 1,734 families that will be connected to new sanitary sewer, potable & stormwater management systems. It will reduce the frequency or severity of flooding & flood damage, volume of raw sewage discharges & combined sewer overflow, & manage 129 acres of watershed sub-basin, providing protection from flood events, and addressing serious flooding and public health issues for over 3,730 residents in the southern region of the Caño Martín Peña. | The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. Specifically, the project is delimited to the North by the Caño Martín Peña, to the East by the Barbosa Avenue, to the West by the Ponce de León Avenue and to the South by the Quisqueya Avenue. It is associated to the S.JBE watershed, or drainage subbasin which extends above a broad, flat coastal plain and consists of 83 square miles of land and 14 square miles of water. The S.JBE watershed extends throughout the following municipalities: Bayamón, Carolina, Cataño, Guaynabo, Loiza, San Juan, The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. | \$77,000,000.00 | \$1,824,271.50 | Joint Resolution 41-2015 (Local Funds): \$170,000; and CapEx (Local Funds): \$1,654,271.50 | \$75,175,729.00 | This project will manage 129 acres of S.JBE watershed sub-basin | 18.430017 | -66.053406 | Multi-Hazard Mitigation | This project is an integral part of the Caño Martín Peña ENLACE Project which provides an unique opportunity to promote Puerto Rico' long-term recovery and economic resilience, while addressing major public health and safety issues resulting from current inadequate storm water and sewer infrastructure, and the environmental degradation of the Martín Peña tidal channel. These conditions worsen after each storm. The implementation of the project, jointly with other critical infrastructure and ecosystem restoration interventions, will also reduce the vulnerability of critical infrastructure, such as the Luis Muñoz International Airport and will transform the city of San Juan by providing new inland waterfront and recovering its environmental assets. Puerto Rico/ENLACE have invested over \$100 million towards, and developed key partnerships with local, state, and federal government, local and international private partners. Federal investment will result in a return partially estimated in \$587 million to the Puerto Rican economy, including real estate and tourism, and avoided costs include estimated losses of over \$700 million per 100-year recurrence flood. The total estimated costs are divided into the following phases: (a) \$54 million for implementation of Phase I: Paseo del Caño Sur & Infrastructure in Buena Vista Hato Rey |
| CORP. PROYECTO ENLACE CANO MARTIN PENA | Quasi-Governme | 07/27/20 | Paseo del Caño Sur Israel-Bitumul: This project will increase capacity and resilience of stormwater, sanitary sewer system (SSS), potable water & transportation infrastructure (Paseo del Caño) to mitigate flood-risks in the Caño Martín Peña Special Planning District (District). Phase I (shovel ready): Construction of stormwater, SSS & Paseo del Caño in the north sector of Israel-Bitumul. Phase II: Define system improvements needs and design cost-effective combination of stormwater, SSS & potable water infrastructure for the south sector of Israel-Bitumul. Phase III: Construction of Phase II. Buyouts, relocations & demolitions substantially completed. The project will benefit an estimated 19,758 residents of the District & Peninsula de Cantera, including 1,100 families that will be connected to new sanitary sewer & stormwater infrastructure. It will reduce the frequency or severity of flooding & flood damage, volume of raw sewage discharges & combined sewer overflow, providing protection from 100-year events, addressing serious flooding & public health issues for over 1,500 homes in the Israel-Bitumul community, increasing conveyance in the San Juan Bay Estuary & enabling the dredging of the Caño Martín Peña, improving natural drainage functions. | The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. Specifically, the project is delimited to the North by the Caño Martín Peña, to the East by the San José Lagoon and the Juan Méndez Creek, to the West by the Barbosa Avenue and to the South by the San José community. It is associated to the San Juan Bay Estuary (S.JBE) watershed, or drainage subbasin which extends above a broad, flat coastal plain and consists of 83 square miles of land and 14 square miles of water. The S.JBE watershed extends throughout the following municipalities: Bayamón, Carolina, Cataño, Guaynabo, Loiza, San Juan, The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. | \$67,000,000.00 | \$67,000,000.00 | \$67,000,000. | \$67,000,000 in case part or all of the project is not eligible for FEMA HMPG funds. | This project will manage 366 acres of the San Juan Bay Estuary (S.JBE) watershed sub-basin. | 18.4269 | -66.0434 | Multi-Hazard Mitigation | This project is an integral part of the Caño Martín Peña ENLACE Project which provides an unique opportunity to promote Puerto Rico' long-term recovery and economic resilience, while addressing major public health and safety issues resulting from current inadequate storm water and sewer infrastructure, and the environmental degradation of the Martín Peña tidal channel. These conditions worsen after each storm. The implementation of the project, jointly with other critical infrastructure and ecosystem restoration interventions, will also reduce the vulnerability of critical infrastructure, such as the Luis Muñoz International Airport and will transform the city of San Juan by providing new inland waterfront and recovering its environmental assets. Puerto Rico/ENLACE have invested over \$100 million towards, and developed key partnerships with local, state, and federal government, local and international private partners. Federal investment will result in a return partially estimated in \$587 million to the Puerto Rican economy, including real estate and tourism, and avoided costs include estimated losses of over \$700 million per 100-year recurrence flood. The total estimated cost is divided in the following phases: (a) \$37 million for the implementation of Phase I Israel-Bitumul North; and (b) \$29 million for the |



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|---|----------------|--------------------------------------|--|---|--|---|--|---|--|--|--|--|--|--|
| CORP. PROYECTO ENLACE CAÑO MARTIN PENA | Quasi-Governme | 07/27/20 | Resilient Housing: Construction of 70 decent, safe, and sanitary housing, in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, incorporating FEMA compliant elevation standards, where necessary, in Quisqueya #125 Multifamily Housing Project. These housing project will be primarily offered to families affected by relocation processes within the District. | The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. Specifically, the project is delimited to the North by the Popular Street, to the West by the Renaissance Square Apartments, to the East by the Pochín Martín Street and to the South by the Quisqueya Avenue. It is associated to the SJBW watershed, or drainage subbasin which extends above a broad, flat coastal plain and consists of 83 square miles of land and 14 square miles of water. The SJBW watershed extends throughout the following municipalities: Bayamón, Carolina, Cataño, Guaynabo, León, San Juan | \$16,000,000.00 | \$- | \$- | \$16,000,000.00 | 14417.82 square feet | 18.427969 | -66.053366 | Multi-Hazard Mitigation | | |
| CORP. PROYECTO ENLACE CAÑO MARTIN PENA | Quasi-Governme | 07/27/20 | Rexach Sanitary Trunk Sewer Relocation: This project is part of the utility relocations required for the Caño Martín Peña Ecosystem Restoration Project (dredging and channelization of the Caño) and a critical path for the construction of sanitary sewers for over 2,000 structures that currently discharge raw sewage into the Caño Martín Peña. This 66" diameter sewer trunk was built over 50 years ago, and does not serve the area, although it currently serves 97,000 persons. Buyouts, relocations & demolitions substantially completed. | The project is located within the Caño Martín Peña Special Planning District in San Juan Puerto Rico. Specifically, the project is delimited to the North by the Rexach Avenue, to the East by the Buena Vista Sanjurjo community, to the West by the Ponce de León Avenue and to the South by the Caño Martín Peña. It is associated to the SJBW watershed, or drainage subbasin which extends above a broad, flat coastal plain and consists of 83 square miles of land and 14 square miles of water. The SJBW watershed extends throughout the following municipalities: Bayamón, Carolina, Cataño, Guaynabo, León, San Juan | \$13,000,000.00 | \$- | \$- | \$13,000,000.00 | 66 inch diameter syphon | 18.43344 | -66.054771 | Multi-Hazard Mitigation | | |
| Comunidad San Isidro en Canóvanas | | 08/19/20 | Centro de Apoyo - este proyecto está dirigido a proteger la salud y la vida de los residentes de Las Villas creando un centro que esté equipado con todo lo necesario para ofrecer servicios de emergencia ante un evento natural. Que cuente con equipo de respuesta a emergencias, un generador eléctrico o solar, una máquina de hielo para mantener la refrigeración de medicamentos y alimentos, entre otros equipos. | | Unknown | | | | | | | Multi-Hazard Mitigation | En los dos años de trabajo hemos documentado la importancia de desarrollar las orientaciones partiendo de las necesidades reales y sentidas de los y las residentes. Por lo tanto, resulta importante desarrollar materiales educativos partiendo de los aprendizajes y vivencias de la comunidad, a raíz de la pobre respuesta del gobierno estatal y municipal ante eventos atmosféricos. Muchos residentes desconfían del gobierno municipal, estatal y federal, por lo tanto, desarrollar un plan comunitario de emergencia considerando las fases de antes, durante y después resulta fundamental para proteger las vidas de los residentes. Es una comunidad que está constantemente afectada por los cambios atmosféricos debido a su localización, ya que se encuentra dentro de la cuenca del Río Grande de Loíza, justo sobre un humedal y cerca de dos caños (Caño Norberto y Caño San Isidro) los cuales se conectan con el río y crean desbordes. Se tendría que contar con | |
| Comunidad San Isidro en Canóvanas | | 08/19/20 | Construcción de un dique - Sistema de control de inundaciones que protegería tanto al área de Las Villas como a Monte Verde y otras áreas de San Isidro. Creación de un dique alrededor de estas comunidades. Este proyecto no solo busca proteger a las 1.500 familias que habitan las comunidades de Villa Hugo I, Villa Hugo II y Valle Hill, sino también la comunidad de Monte Verde, que se compone de más de 600 familias. Este proyecto de control de inundaciones en "Las Villas" y Monte Verde. Este Proyecto resultará en un ambiente seguro para la vida y propiedad de más de 1.500 familias. | | Unknown | | | | 1,900 metros lineales de dique de infraestructura verde que rodea la comunidad. | | | Multi-Hazard Mitigation | Las tierras donde se ubican estas comunidades, son áreas de menor elevación y se clasifican como zonas inundables 0.2% anual de acuerdo con el mapa de inundación de FEMA 2009. La zona incluye el terreno de riesgo que ubica entre los límites del canal principal y el valle de inundación. El tipo de suelo y la proximidad a los humedales significa que esta zona permanece inundada durante más tiempo en caso de lluvia. El efecto de estas inundaciones es tan evidente que los nuevos mapas colocan estas comunidades en una Zona A, definida como un área especial de riesgo de inundación con un período de recurrencia de 100 años; determinado por métodos aproximados y para cuya elevación de la inundación base no se ha determinado. | |
| Comunidad San Isidro en Canóvanas | | 08/19/20 | Planificación y construcción de un sistema de alcantarillado/cunetes/drenaje - Establecimiento de alcantarillas y otras instalaciones de manejo de desagües pluviales. Este sería uno de los sistemas de control de inundaciones que reduciría el riesgo de inundaciones en la comunidad debido a la infraestructura actual, deteriorada, de las residencias y calles. Eliminaría el riesgo de inundación provocado por la falta de control del flujo de las aguas. Protegería a una cantidad de 10 mil habitantes del área de Las Villas, compuesta por Valle Hill, Villa Hugo I y Villa Hugo II que es afectada por las frecuentes y copiosas lluvias no necesariamente debido a eventos atmosféricos graves. También protegería la salud de los residentes afectada por el empozamiento de aguas. | El sitio potencial del proyecto está ubicado en el Sector San Isidro, Municipio de Canóvanas, PR. Las coordenadas de Lambert son: 18° 23'44.8" N 65° 53'42.2" W. | Unknown | | CDBG-Regular | | Se mejorará el drenaje en el área que compone los tres sectores de Las Villas, Villa Hugo I, II y Valle Hill | | | | 100-year flooding | Por la ausencia de un sistema de drenaje de agua, los residentes enfrentan con frecuencia inundaciones por el empozamiento de aguas. En el huracán María el problema de empozamiento de agua se agravó provocando la propagación de mosquitos, representado riesgos a la salud de los y las residentes. Las aguas empozadas son ambientes para la propagación del mosquito del dengue o del chikungunya. Para manejarlo, algunos residentes quemaron desperdicios, agravando los problemas respiratorios existentes en muchos residentes y los potenciales peligros de accidentes, como en efecto pasó con un niño del sector Valle Hill que tuvo quemaduras en segundo grado por la quema de basura para reducir la propagación de los mosquitos. Otra de las consecuencias en María fue el daño de equipo médico como respiradores, necesarios para prolongar la vida de algunos residentes con condiciones crónicas |



Proposed Mitigation Projects Log/
Proyectos Propuestos de Mitigación

| Proposing Entity/ Entidad Proponente | Type/ Tipo | Submission Date/ Fecha de Entrega | Description of Project/ Descripción de Proyecto | Description of Location/ Descripción de Localización | Estimated Project Cost/ Costo Estimado del Proyecto | Other Funding Source Amount (dollars)/ Otra(s) Fuente(s) de Financiamiento (En Dolares) | Other Funding Source(s)/ Otra(s) Fuente(s) de Financiamiento | Amount of CDBG-MIT Funding Needed/ Cantidad de Fondos CDBG-MIT Necesitados | Linear distance (meters) or area (acres)/ Distancia lineal (metros) o área (acres) | CenterPoint Latitude (y)/ Punto Central Latitud (y) | CenterPoint Longitude (x)/ Punto Central Longitud (x) | What risk does this project mitigate?/ ¿Qué riesgo está destinado a mitigar este proyecto? (Elija la mejor opción) | Additional Information/ Información Adicional |
|---|---------------|--------------------------------------|---|--|--|---|---|---|---|--|--|--|---|
| Comunidad San Isidro en Canóvanas | | 08/19/20 | Sistema de bombeo - Este proyecto estará dirigido a proteger la vida, propiedad y residencia de personas en la comunidad que se enfrentan al problema de inundaciones debido al desborde de aguas subterráneas por estar sobre humedales. Protegerá a una cantidad de 6 mil habitantes específicamente en el área de Valle Hill, que es el sector que ubica sobre el humedal. | El sitio potencial del proyecto está ubicado en el Sector San Isidro, Municipio de Canóvanas, PR. Las coordenadas de Lambert son: 18° 23'44.8" N 65° 53'42.2" W. | Unknown | | | | | | | Multi-Hazard Mitigation | El sector de Valle Hill está ubicado en los caños San Isidro, y Norberto y su desarrollo como otras comunidades pobres en PR, se llevó a cabo rellenando cuerpos de agua, situación que apunta a un problema mayor, la pobreza y el acceso a una vivienda digna. El relleno de los humedales no se dio a espaldas del gobierno municipal de Canóvanas. El pasado alcalde, José Chemo Solo cedió acres de terrenos que le pertenecía a la Autoridad de Tierras y colaboró rellenando con escombros y basuras los caños. La práctica de rellenar los humedales le costó al gobierno municipal y a la Oficina de Comunidades Especiales una multa de la EPA de \$128,000. Debido a la ubicación, y a la práctica aún persistente de rellenar, le ha requerido a los y las residentes comprar sistemas de bombeo para manejar el desborde de las aguas subterráneas que salen por el suelo. Luego del huracán María la situación se agravó obligándolos a desplazarse en y fuera la comunidad. El |
| Comunidad San Isidro en Canóvanas | | 08/19/20 | Sistema Sanitario - este protegerá la salud de los residentes de la comunidad que se ve afectada porque la comunidad no cuenta con un sistema de acueducto de disposición de aguas. Los pozos sépticos están en condiciones inadecuadas. Las aguas usadas son descargadas de forma inadecuada y adversa afectando la salud física y emocional de los residentes. | | Unknown | | | | | | | Multi-Hazard Mitigation | Actualmente, los y las residentes señalan continuamente los problemas de los malos olores y la apariencia física objetable de las aguas que se descargan en la comunidad. Los malos olores son los gases producto de la descomposición de organismos patógenos provenientes del tracto intestinal de los propios residentes. Estas aguas residuales no solo afectan la salud de los residentes, sino, la flora y fauna de su medio ambiente. En el Diagnóstico de Comunidad Especial para Valle Hill realizado en el 2003, se identificaron junto con la comunidad tres proyectos como prioridad. En orden de prioridad, ubican primero la instalación de un sistema de agua potable con un costo estimado de \$1,032,900. En segundo lugar, un sistema pluvial y de pavimentación con un costo estimado de \$3,860,208, finalmente, la construcción de un sistema sanitario con el |
| OSAN | | 08/21/20 | Adjuntas-area OSAN-member communities that complete resilience planning process described in Project OSAN-1 will undertake investments in disaster-resistant infrastructure, upgrade community aqueduct infrastructure systems and other public infrastructure systems to address risks identified during resilience planning, and develop green or natural mitigation infrastructure to protect drinking water supply, community health and quality of life. Locations will be prioritized in resilience planning process described above. | Carr. 131 Km 1.5 Bo. Guiltarte, Adjuntas, PR 00601 | \$75,000.00 | | | \$75,000.00 | | 18.1800315 | 66.7788294 | Multi-Hazard Mitigation | Community aqueduct systems in Adjuntas include Asoc. Residentes Camino Pagán and others. Project costs will depend on the outcomes and prioritization of resilience planning process. |
| OSAN | | 08/21/20 | Aguas Buenas-area OSAN-member communities that complete resilience planning process described in Project OSAN-1 will undertake investments in disaster-resistant infrastructure, upgrade community aqueduct infrastructure systems and other public infrastructure systems to address risks identified during resilience planning, and develop green or natural mitigation infrastructure to protect drinking water supply, community health and quality of life. Locations will be prioritized in resilience planning process described above. | Carr. 156 Ramal 790 Km 2.3 Aguas Buenas, PR 00703 | \$75,000.00 | | | \$75,000.00 | | 18.24542 | 66.158408 | Multi-Hazard Mitigation | Community aqueduct systems in Aguas Buenas include Acueducto Comunal Sector El Llano Inc., and others. Project costs will depend on the outcomes and prioritization of resilience planning process. |
| OSAN | | 08/21/20 | Caguas-area OSAN-member communities that complete resilience planning process described in Project OSAN-1 will undertake investments in disaster-resistant infrastructure, upgrade community aqueduct infrastructure systems and other public infrastructure systems to address risks identified during resilience planning, and develop green or natural mitigation infrastructure to protect drinking water supply, community health and quality of life. Locations will be prioritized in resilience planning process described above. | PR-183 INT 788 Km 6.6 Bo. Borinquen, Caguas, Puerto Rico 00725 | \$100,000.00 | | | \$100,000.00 | | 18.164889 | 66.023072 | Multi-Hazard Mitigation | Community aqueduct systems in Caguas include Acueducto Comunidad Buenos Aires, Inc., Sistema Piñas II, Inc., Acueducto Comunal Sector La Sierra Barrio Cañaboncito, Inc., and others. Project costs will depend on the outcomes and prioritization of resilience planning process. |
| OSAN | | 08/21/20 | Capacity training for OSAN member communities and the OSAN organization. Through preparation of resilience plans, which help communities take a systemic approach to increase resilience and reduce long term risk from the impact of future disasters. SU-EFC and the Capacity Collaborative will concentrate training workshops, resources, and technical assistance to assist community leaders to successfully prioritize actions and practice effective decision-making. As a result of developing resilience plans, SU-EFC and Capacity Collaborative will help implement technologically-appropriate and financially-feasible responses to disaster mitigation for community infrastructure. | Capacity Collaborative, Puerto Rico Project Office, #5 Aguadilla St., Urb. Perez Morris, San Juan, PR 00917 | \$300,000.00 | SU-EFC and the Capacity Collaborative may have other federal funding grants available to leverage work in Puerto Rico, depending upon when requests for proposals are released. | Will depend on current funding sources at the time of requests for proposals. | \$300,000.00 | | 18.413066 | 66.0544264 | Multi-Hazard Mitigation | OSAN, formed in 2019, is a growing, island-wide alliance of community leaders that manage rural and peri-urban drinking water infrastructure systems (Non-PRASA), and OSAN as an organization assists communities achieve health, well-being, and quality of life as a whole. Fifty water systems have joined the alliance. OSAN is modeled on the Caguas-based AsocAguas. Please note, some coordinates provided are inexact without having the chance to groundtruth in rural communities. |
| OSAN | | 08/21/20 | San Lorenzo-area OSAN-member communities that complete resilience planning process described in Project OSAN-1 will undertake investments in disaster-resistant infrastructure, upgrade community aqueduct infrastructure systems and other public infrastructure systems to address risks identified during resilience planning, and develop green or natural mitigation infrastructure to protect drinking water supply, community health and quality of life. Locations will be prioritized in resilience planning process described above. | Car. 788 Km 2.2. Bo. Hato, Sector Cuchilla, San Lorenzo, PR 00754 | \$75,000.00 | | | \$75,000.00 | | 18.1793 | 65.998062 | Multi-Hazard Mitigation | Community aqueduct systems in San Lorenzo include Asociación Pro-Acueducto Rural and others. Project costs will depend on the outcomes and prioritization of resilience planning process. |