

Grantee: Northern Mariana Islands

Grant: B-19-DT-69-0001

July 1, 2024 thru September 30, 2024 Performance

Grant Number:

B-19-DT-69-0001

Obligation Date:**Award Date:****Grantee Name:**

Northern Mariana Islands

Contract End Date:

06/15/2034

Review by HUD:

Reviewed and Approved

Grant Award Amount:

\$16,225,000.00

Grant Status:

Active

QPR Contact:

Zenie P. Mafnas

LOCCS Authorized Amount:

\$16,225,000.00

Estimated PI/RL Funds:**Total Budget:**

\$16,225,000.00

Disasters:

Declaration Number

FEMA-4396-MP

FEMA-4404-MP

Narratives

Mitigation Needs Assessment:

Risk assessment is a process of measuring potential loss of life, personal injury, economic injury, property damage, and other negative community impacts resulting from natural hazards. In the immediate planning horizon this type of assessment allows emergency management personnel to establish response priorities by identifying potential hazards and vulnerable assets and communities. At a broader scale, the risk assessment enables data-driven hazard mitigation planning and strategy development. The basic risk assessment process focuses on the following key elements:

- Hazard identification: Utilization of all available information to determine the types of disasters that may affect a jurisdiction, how often they can occur, and their potential severity.
- Vulnerability identification: Determine the impact of natural hazard events on the people, property, environment, and economy of a locale.
- Cost evaluation: To the degree possible given best available data, estimate the cost of potential damage and/or cost that can be avoided by mitigation.

In the development of the CNMI's 2018 Standard State Mitigation Plan (SSMP), which informs and guides significant components of this CDBG-MIT Action Plan, a thorough hazard risk and needs assessment was performed with the best available data at the time. Moreover, the CNMI has used the most recent risk assessment completed through the FEMA Hazard Mitigation Program process to inform the hazards analyzed in this action plan, and to guide the subsequent use of CDBG-MIT funds (84 FR 45840 and 86 FR 561).

It is important to note that substantial updates to national and state level data regarding hazards, built environment, and socio-economic characteristics have enabled many locales to assess risk in a more comprehensive, standardized manner during the mitigation planning process. The recent publication of the National Risk Index (Zuzak et. al 2021) and mapping tool from FEMA provides a



well-structured, consistent and transparent method for many states to determine risk. The risk index is comprised of (1) a natural hazards component with calculated losses from hazard events, (2) a “consequence enhancing” component consisting primarily of a census-informed social vulnerability index, and (3) a “consequence reduction” component that estimates “community resilience” as the ability of a community to prepare for and adapt to hazards.

CNMI was not included in the National Risk Index in its initial 2021 public release; however, efforts were taken in the CDBG-MIT planning process to quantify and develop proxies for Index components, particularly with respect to natural hazard exposure and losses, as well as social vulnerability. The analysis and resulting area-based mitigation prioritization index for CNMI is described in detail in Section 3 of NMHC’s CDBG-MIT Action Plan, while the initial natural hazard profiles and data that informed the risk assessment are highlighted here in Subsection 2.1 of said Plan.

In the process of developing the following hazard profiles and the subsequent risk assessment and mitigation prioritization areas, the following resources were utilized as appropriate:

- FEMA (Federal Emergency Management Agency) Local Mitigation Planning Handbook

- FEMA Hazus GIS-based software and associated Hazus database for CNMI assets, buildings, populations, and facilities.

- CNMI Coastal Resilience Assessment (Dobson et. al 2020) and Coastal Resilience Evaluation and Siting Tool (CREST)
- FEMA Special Wind Region data for the Commonwealth of the Northern Mariana Islands (2020)
- International Code Council - International Building Code and Residential Code (2018)
- NOAA Office for Coastal Management - Coastal Flood Exposure Mapper (coast.noaa.gov/floodexposure/)
- NOAA Pacific Marine Environmental Laboratory - Tsunami Hazard Assessment of the CNMI (Uslu et. al 2013)
- Tabular and spatial data for CNMI-wide infrastructure and buildings (CNMI Department of Public Works; Commonwealth Utilities Corporation)
 - National Centers for Environmental Information - International Best Track Archive for Climate Stewardship (IBTrACS - Knapp et. al 2021)
 - Miscellaneous assessment data gathered from other Federal and Local agencies (e.g. CNMI Climate Vulnerability Assessments; U.S. Army Corps Post-Disaster Watershed Assessment for CNMI; FEMA Risk MAP preliminary reports for CNMI)

Proposed Use of Funds:

The Commonwealth of the Northern Mariana Islands (CNMI) received \$16,225,000 from the U.S. Department of Housing and Urban Development (HUD) for mitigation activities to be funded in accordance with Community Development Block Grant-Mitigation (CDBG-MIT) funds. In the CDBG-MIT Federal Register Notice [FRN] (85 FR 45838), HUD defines mitigation as “those activities that increase resilience to disasters and reduce or eliminate the long-term risk of loss of life, injury, damage to or loss of property, and suffering and hardship, by lessening the impact of future disasters.”

The CNMI, through NMHC, intends to utilize CDBG-MIT funding to take additional action to make the CNMI more resilient. NMHC acknowledges the high probability that these extreme weather conditions will continue to affect CNMI residents and services and may become more severe or more frequent in occurrence. Proposed projects for funding in the CDBG-MIT Action Plan for infrastructure include are listed in Table 1 below.

The CDBG-MIT Infrastructure Mitigation Program in this Action Plan is structured to align with the best practice mitigation guidance and current capital investments planned for the islands of Saipan and Tinian. The CNMI has identified four (4) key strategies built into the Infrastructure Mitigation Program to align with the coordination of mitigation projects and leverage requirements found at 84 FR 45838. These key strategies are woven into program design and incentivized through evaluation criteria and supported by the development of capacity-building tools, including the Risk Assessment evaluation tool released during stakeholder engagement and outreach activities. These strategies include: (1) Capacity Building; (2) Community and Regional Investment; (3) Lifeline Stability; and (4) Alignment of Capital Investments.

Table 1. List of Potential CDBG-MIT Projects



Municipality
Project
Project Description
Estimated Cost
Estimated Duration
Saipan

Beach Road Improvement Project
Flood control and drainage project.
\$10,626,457
36 mos.
Saipan

Lower Base Road and Drainage Improvement
Improve the drainage system at Lower Base area.
\$2,152,000
19 mos.
Tinian

Replacement of the Tinian Carolinas Village 0.50 MG Water Tank
To improve the water capacity for the island, and replace existing welded tank with more resilient concrete structure
\$5,180,000
27 mos.
Saipan

Kagman Community Shelter Project
Provide safe, secure and habitable long term-shelters for displaced residents during future typhoons and other natural disasters.
\$1,258,705
24 mos.
Saipan

Assessment of Risk, Vulnerability and Disaster Bonding/Insurance Feasibility to Support Comprehensive Sustainable Development Planning and Disaster Risk Reduction
This project will support the Office of Planning and Development (OPD) in its mission to provide data-driven analysis, tools, and policies that support comprehensive sustainable development plan (Comprehensive Plan) for CNMI that ensures smart, safe development occurs to support socio-economic growth goals of the community.
\$807,380
24 mos.
Saipan

Replacement of the Dandan Water Tank
There is a current risk of catastrophic failure of the water tank if another typhoon will hit area. Therefore, the objective of this Hazard Mitigation Grant application will be to replace the current tank
\$7,048,000
24 mos.
Saipan

Replacement of the Kagman Water Tank
There is a current risk of catastrophic failure of the water tank if another typhoon will hit area. Therefore, the objective of this Hazard Mitigation Grant application will be to replace the current tank
\$7,141,000
24 mos.
Saipan

Power Plant #1 Facility Repair and Mitigation
To Harden Power Plant #1
\$ 4,987,427
18 mos.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$16,225,000.00
Total Budget	\$0.00	\$16,225,000.00
Total Obligated	\$0.00	\$16,130,500.00
Total Funds Drawdown	\$0.00	\$656,451.34
Program Funds Drawdown	\$0.00	\$656,451.34
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$636,632.21
HUD Identified Most Impacted and Distressed	\$0.00	\$636,632.21
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
Northern Marianas Housing Corporation1	\$ 0.00	\$ 636,632.21

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	105.26%	4.05%
Overall Benefit Amount	\$7,706,875.00	\$16,225,000.00	\$624,768.19
Limit on Public Services	\$2,433,750.00	\$0.00	\$0.00
Limit on Admin/Planning	\$3,245,000.00	\$811,250.00	\$31,683.15
Limit on Admin	\$811,250.00	\$811,250.00	\$31,683.15
Most Impacted and Distressed	\$8,112,500.00	\$16,130,500.00	\$636,632.21

Overall Progress Narrative:

Finance Division QPR3-2024

For this period, the CDBG-MIT program total expenditures were \$2,850.10 for INF-UPWR activity that will report on next period QPR4-2024. The expense was paid for personnel expense who worked with this program.

MIT-UPWR-LMI Utilities- Power & Water Resilience

Saipan: Dandan and Water Reservoir / Tinian: Carolinas Heights Water Reservoir

During this reporting period, July 2024 to September 2024, NMHC CDBG DR Project Division continued to work with Procurement and the Implementing Partner, Construction Management Team GHD, and the Implementing partner, Commonwealth Utilities Corporation (CUC) to complete the bid evaluation and recommend a responsive bidder. Project was awarded to RNV Construction. The Notice to Proceed (NTP) was issued on July 11, 2024. Contractor is currently working on obtaining all required permits to start construction and preparing for site mobilization

Goals for next quarter: Work with CM and Contractor to obtain all required permits for the project.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown



9999, Restricted Balance	\$0.00	\$0.00	\$0.00
ADM, Administration	\$0.00	\$811,250.00	\$31,683.15
INF, Infrastructure	\$0.00	\$14,697,000.00	\$403,678.90
PLA, Planning	\$0.00	\$716,750.00	\$221,089.29

