

Grantee: Northern Mariana Islands

Grant: B-19-DT-69-0001

July 1, 2023 thru September 30, 2023 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: No QPR Contact Found
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	\$7,091.08	\$252,975.47
Program Funds Drawdown	\$7,091.08	\$252,975.47
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$767.49	\$233,156.34
HUD Identified Most Impacted and Distressed	\$767.49	\$233,156.34
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	\$ 767.49	\$ 233,156.34

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	105.26%	1.44%
Overall Benefit Amount	\$7,706,875.00	\$16,225,000.00	\$221,718.70
Limit on Public Services	\$2,433,750.00	\$.00	\$.00
Limit on Admin/Planning	\$3,245,000.00	\$811,250.00	\$31,256.77
Limit on Admin	\$811,250.00	\$811,250.00	\$31,256.77
Most Impacted and Distressed	\$8,112,500.00	\$16,130,500.00	\$233,156.34

Overall Progress Narrative:

The Northern Marianas Housing Corporation (NMHC) has selected two (2) infrastructure projects that will be funded by CDBG-MIT grant and they include:

- 1) Dandan (Saipan) Water Tank Replacement Project estimated to cost \$7,048,000; and
- 2) Carolinas (Tinian) Water Tank Replacement Project estimated to cost \$5,180,000.

The above independent cost estimates were updated and the applicant/implementing partner, the Commonwealth Utilities Corporation ("CUC"), advised NMHC that previous estimated costs have increased by \$94,000. NMHC sought advice and guidance from HUD; specifically on whether MIT planning costs could be reprogrammed to cover the \$94,000 funding shortfall at which point HUD informed NMHC that it is acceptable and permissible.

Therefore, as of date of this QPR, NMHC is waiting for CUC to complete and submit the A&E plans for both projects so that our agency can begin pre-IFB activities and put the projects out to bid.

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	\$5,261.20	\$811,250.00	\$31,256.77
INF, Infrastructure	\$1,810.96	\$14,697,000.00	\$1,810.96
PLA, Planning	\$18.92	\$716,750.00	\$219,907.74

Activities

Project # /	ADM / Administration
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Grantee Activity Number: ADM

Activity Title: Administration

Activity Type:	Activity Status:
Administration	Under Way
Project Number:	Project Title:
ADM	Administration
Projected Start Date:	Projected End Date:
09/29/2022	10/02/2032
Benefit Type:	Completed Activity Actual End Date:
N/A	
National Objective:	Responsible Organization:
Low/Mod	Northern Marianas Housing Corporation1

Overall	Jul 1 thru Sep 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$811,250.00
Total Budget	\$0.00	\$811,250.00
Total Obligated	\$0.00	\$811,250.00
Total Funds Drawdown	\$5,261.20	\$31,256.77
Program Funds Drawdown	\$5,261.20	\$31,256.77
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$171.92	\$12,652.71
Northern Marianas Housing Corporation1	\$171.92	\$12,652.71
Most Impacted and Distressed Expended	\$171.92	\$12,652.71

Activity Description:

This activity will focus on the funding of all activities related to the overall administration of the CDBG-MIT grant (staffing and general management oversight and coordination).

Location Description:

Activity Progress Narrative:

Finance Division QPR3-2023
For this period, July 2023 to September 2023, CDBG-MIT expenses decreased due to the program was still initiate procurement process. The only expenditure was payroll that paid the NMHC CDBG-DR employees were worked during the period.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # /	INF / Infrastructure
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Grantee Activity Number: INF

Activity Title: Infrastructure Mitigation Program

Activity Type:	Activity Status:
MIT - Public Facilities and Improvements-Non Covered	Under Way
Project Number:	Project Title:
INF	Infrastructure
Projected Start Date:	Projected End Date:
09/30/2022	10/03/2032
Benefit Type:	Completed Activity Actual End Date:
Area (Census)	
National Objective:	Responsible Organization:
Low/Mod	Northern Marianas Housing Corporation1

Overall	Jul 1 thru Sep 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$14,697,000.00
Total Budget	\$0.00	\$14,697,000.00
Total Obligated	\$0.00	\$14,602,500.00
Total Funds Drawdown	\$1,810.96	\$1,810.96
Program Funds Drawdown	\$1,810.96	\$1,810.96
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$595.57	\$595.57
Northern Marianas Housing Corporation1	\$595.57	\$595.57
Most Impacted and Distressed Expended	\$595.57	\$595.57

Activity Description:

The CNMI has identified over \$680 million in potential infrastructure projects. This results in a remaining unmet need of over \$526 million. These programs and projects are intended to benefit the Islands as a whole while helping to address the remaining unmet need. Figure 73 below represents the needs that were submitted by Government and Non-Profit entities. There are over 275 projects submitted that need assistance. The estimated total value of these projects as mentioned above is over \$680 million. There are no funds available or other identified resources to address the remaining unmet need for infrastructure.

Infrastructure activities considered during the planning process are based on a scoring criterion with concentrations on the islands of Saipan and Tinian as most impacted areas. It was also desired that infrastructure activities selected would benefit the Islands as a whole due to the fact that any block group and/or any combination of block groups qualifies as a low- and moderateincome benefit area and that over 90 percent of the population on any island are minority residents. These factors also ensure economic stability so residents can remain in homes and residences and retain their jobs because of improved infrastructure. The actual size of the Islands and reach of community lifeline systems (e.g. power distribution) also means that all persons will benefit from most of the infrastructure improvements.

Location Description:

Activity Progress Narrative:

MIT-UPWR-LMI Utilities- Power & Water Resilience

Saipan: Dandan and Water Reservoir / Tinian: Carolinas Heights Water Reservoir (Design Phase)

During this reporting period, July 2023 to September 2023, NMHC CDBG DR Project Division continued to work with the Implementing Partner, Commonwealth Utilities Corporation (CUC) and Duenas, Camacho, and Associates (DC&A) Engineering Firm to work on the A&E Design Plans and Geological Testing. A&E Design plans for both tanks were submitted and is currently under review.

Goals for next quarter: Initiate procurement process for construction Water Tanks.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # /	PLA / Planning
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Grantee Activity Number: PLA

Activity Title: Planning

Activity Type:	Activity Status:
MIT - Planning and Capacity Building	Under Way
Project Number:	Project Title:
PLA	Planning
Projected Start Date:	Projected End Date:
09/02/2022	10/02/2032
Benefit Type:	Completed Activity Actual End Date:
N/A	
National Objective:	Responsible Organization:
Low/Mod	Northern Marianas Housing Corporation1

Overall	Jul 1 thru Sep 30, 2023	To Date
Total Projected Budget from All Sources	\$0.00	\$716,750.00
Total Budget	\$0.00	\$716,750.00
Total Obligated	\$0.00	\$716,750.00
Total Funds Drawdown	\$18.92	\$219,907.74
Program Funds Drawdown	\$18.92	\$219,907.74
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$0.00	\$219,908.06
Northern Marianas Housing Corporation1	\$0.00	\$219,908.06
Most Impacted and Distressed Expended	\$0.00	\$219,908.06

Activity Description:

This activity will focus on planning eligible activities under the CDBG-MIT program.

Location Description:

Activity Progress Narrative:

Finance Division QPR3-2023
For this period, July 2023 to September 2023, CDBG-MIT didn't have any expenses for this activities.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

