

# Grantee: Hawaii County, HI

## Grant: B-19-UT-15-0001

### April 1, 2023 thru June 30, 2023 Performance Report

<b>Grant Number:</b> B-19-UT-15-0001	<b>Obligation Date:</b>	<b>Award Date:</b>
<b>Grantee Name:</b> Hawaii County, HI	<b>Contract End Date:</b> 08/04/2034	<b>Review by HUD:</b> Reviewed and Approved
<b>Grant Award Amount:</b> \$6,862,000.00	<b>Grant Status:</b> Active	<b>QPR Contact:</b> No QPR Contact Found
<b>LOCCS Authorized Amount:</b> \$6,862,000.00	<b>Estimated PI/RL Funds:</b>	
<b>Total Budget:</b> \$6,862,000.00		

## Disasters:

### Declaration Number

FEMA-4366-HI

## Narratives

### Mitigation Needs Assessment:

The County utilized the adopted 2020 Multi-Hazard Mitigation Plan (MHMP), to develop the Mitigation Needs Assessment for this CDBG-MIT Action Plan. The County has used the most recent risk assessment completed through the FEMA HMP process to inform the hazards analyzed here and subsequent use of CDBG-MIT funds (84 FR 45840 and 86 FR 561).

Hawai'i County has experienced over 30 events since 1955 (listed in Table 2-1 of the Action Plan), for which presidential disaster declarations were issued. Review of these events helps identify targets for risk reduction and ways to increase a community's capability to avoid large-scale events in the future. Still, many natural hazard events do not trigger federal disaster declarations but still have significant local impacts. These events are also important to consider in establishing recurrence intervals for hazards of concern.

The County assessed risk in terms of the probability of occurrence and the impacts to people and property to rate and rank hazards which would be addressed through this CDBG-MIT program. The hazards included in this Mitigation Needs Assessment include climate change, sea level rise, dam failure, drought, earthquake, flood, storm surge and coastal flooding, high windstorms, landslide, tropical cyclone, tsunami, volcanic eruption, and wildfire. The risk to community lifelines caused by these hazards was also evaluated.

### Proposed Use of Funds:

The County intends to utilize CDBG-MIT funding to implement multiple hazard mitigation programs that complement one another and lead to greater community-wide resilience. The County will utilize MIT funding on initial planning, acquisitions, construction, and implementation. HUD requires that 50% of the funds be expended within a six-year period and the entire 100% of the funds to be expended within a twelve-year period. The County anticipates that it will be able to implement all CDBG-MIT programs within six years based on their design.

Projects funded with CDBG-MIT grant include: ArcGIS system upgrade to enhance emergency response capability; emergency power for water infrastructure serving LMI communities; wildfire mitigation and incident response; planning, design and rehabilitation to increase sheltering capacity; revisions to land use codes to address hazard mitigation; and flood studies for high-risk areas.

Out of \$5,685,750 (the total grant amount of \$6.682 million less planning and grant administrative costs), \$3,921,750 (69%) will be spent on projects that meet the LMI National Objective.

Overall	This Report Period	To Date
<b>Total Projected Budget from All Sources</b>	\$0.00	\$6,862,000.00
<b>Total Budget</b>	\$0.00	\$6,862,000.00



<b>Total Obligated</b>	\$0.00	\$0.00
<b>Total Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Funds Drawdown</b>	\$0.00	\$0.00
<b>Program Income Drawdown</b>	\$0.00	\$0.00
<b>Program Income Received</b>	\$0.00	\$0.00
<b>Total Funds Expended</b>	\$0.00	\$0.00
<b>HUD Identified Most Impacted and Distressed</b>	\$0.00	\$0.00
<b>Other Funds</b>	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

### Funds Expended

<b>Overall</b>	<b>This Period</b>	<b>To Date</b>
Hawaii County, HI	\$ 0.00	\$ 0.00

## Progress Toward Required Numeric Targets

<b>Requirement</b>	<b>Target</b>	<b>Projected</b>	<b>Actual</b>
<b>Overall Benefit Percentage</b>	50.00%	67.79%	.00%
<b>Overall Benefit Amount</b>	\$2,892,650.00	\$3,921,750.00	\$ .00
<b>Limit on Public Services</b>	\$1,029,300.00	\$ .00	\$ .00
<b>Limit on Admin/Planning</b>	\$1,372,400.00	\$1,076,700.00	\$ .00
<b>Limit on Admin</b>	\$343,100.00	\$343,000.00	\$ .00
<b>Most Impacted and Distressed</b>	\$6,862,000.00	\$6,862,000.00	\$ .00

## Overall Progress Narrative:

This Quarterly Progress Report (QPR) is published by the County of Hawai'i, Community Development Block Grant Kilauea Disaster Mitigation (CDBG-MIT) and will discuss its progress as of June 30, 2023. The County of Hawai'i qualified for receipt of \$6.862 million in Community Development Block Grant Mitigation (CDBG-MIT) Funds through the U.S. Department of Housing and Urban Development (HUD). 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. To receive said funds, the County prepared a CDBG-MIT Action Plan that functions as an implementation mechanism for the County Civil Defense Agency Multi-Hazard Mitigation Plan (MHMP). The MHMP was adopted in 2020 and is the most recent FEMA-approved Hazard Mitigation Plan.

Activities identified:

ArcGIS System purchase and installation to benefit the county civil defense agency. At a cost of \$388,050.00, this system will allow direct, real-time, input from the incident site(s) into the Emergency Operations Center (EOC). Data can then be categorized, filtered, and configured to present a comprehensive common operating picture (COP) to responding agencies and the public. This means real time information on road closures, incident impacts, and response actions will be available to responders, decision makers, and the public. The project is currently underway, with implementation in 2023 under the UNM objective.

Quarterly Progress: Civil Defense continues to work toward obtaining cost figures that will inform the future progression of the project. Credits from an ESRI collaboration with COH have been identified that could allow a cost/benefit analysis to identify how the proposed ArcGIS system will be integrated into existing County



infrastructure. The schedule for that cost benefit analysis has not been determined at the time of this report . Environmental Assessment has been exempted for this project.

Quarterly Expenditure: \$0

to benefit The Department of Water Supply. At a cost of \$876,750.00, Energy: The transfer switch and supporting infrastructure will make it easy and safe to connect portable emergency generators to power the potable water facilities during a prolonged power outage. Potable water supply can continue, for food preparation and safe drinking water, during a power outage. Safety and Security / Health and Medical: These potable water facilities can continue to serve population centers, health care facilities, shelters, and fire protection systems (hydrants and sprinklers) during power outage. This project is currently underway. Procurement to commence in 2023 under the Low/Mod objective.

Quarterly Progress: After examining the budget for the project and increasing costs, the scope of the project will be changed through a substantial amendment that will occur in Q3. A generator pad and purchase of a generator will be removed from the scope of work. An additional transfer switch at a newly identified location will be added to the scope of work. The draft Memo of Understanding has been agreed to by COH and DWS corporate counsel and will go before the DWS board for approval in late July. Once approved, specifications will be drafted and an RFP issued will be issued for design and engineering with a Q3 timeline for completion. Environmental assessment is ongoing.

Quarterly Expenditure: \$0

County Fire Department Projects:

LMA Wildfire purchase to benefit the county's fire department. At a cost of \$525,000, A Mobile Service trailer would support much needed in-service routine maintenance for responding apparatus at emergency incident scenes. By providing on-scene refueling of vehicles and equipment, compressed air to clean filters and cooling system components, lubrication supplies to keep the equipment in service. This would minimize breakdowns and alleviate the need to take the apparatus out of service to conduct the required maintenance and keep them available at the incident. Procurement to commence in 2023 under the Low/Mod objective.

UNM Wildfire purchase to benefit the county's fire department. At a cost of \$1,375,500.00, special designed Brush Trucks would enhance Fire incident response capabilities with vehicles that are able to access areas with rough terrain that normal apparatus cannot. Increased effectiveness and efficiency in Fire Fighting capabilities. A Mobile Command Post (MCP) would enhance the on-scene incident management capabilities for the Hawaii Fire Department (Fire, Search & Rescue, Hazmat, and EMS response) and partnering agencies (County, state, and Federal). With enhanced multi-agency incident communications, support for multi-agency unified command structure, logistical support functions utilizing current technological equipment and resources such as ArcGIS, record keeping and documentation, Internet access/WIFI, Remote dispatching capabilities, mobile office space, etc. This would greatly enhance our Wildland response management capabilities. Procurement to commence in 2023 under the UNM objective.

Installation of Water Storage Tanks to benefit the county fire department. At a cost of \$210,000.00, the tanks will support firefighting efforts in remote areas, assisting the department by increasing the speed of response in those areas. This project is still in the planning stages under the Low/Mod objective.

Quarterly Progress: A draft MOU has been approved by corporate counsel from both COH Planning Department and Fire Department. Specifications for equipment purchases will be drafted in July 2023. Ongoing timeline adjustments will be made based upon the lead times required by manufacturers. We are expecting a substantial amendment as costs of the projects have increased and it is likely that the water tank storage project will be eliminated from the scope of work in Q3 resulting in a substantial amendment.

Quarterly expenditures: \$0

Parks and Recreation Projects

Kea'au Armory Improvements to benefit citizens of the county by offering increased shelter capabilities at a cost of \$1,470,000.00. The facility is opportunely located at the junction of primary roadways connecting/serving upper Puna, lower Puna and Hilo and can serve (and already has) as a long-term shelter or center of operations for recovery efforts. It is the only County-operated facility with reasonable sheltering square footage in the area and the County's neighboring Shipman Park facility supplements its ability to serve various support functions during post-disaster operations. This project is currently in the planning stages

under the Low/Mod objective.

Hisaoka Armory Improvements to benefit citizens of the county by offering increased shelter capabilities. At a cost of \$840,000.00, this project will assist in fortification efforts so the facility can be used as a long-term shelter and command post in the event of an emergency in the area. The project is in the planning stages under the Low/Mod objective.

Quarterly Progress: Kickoff meeting was held February 24, 2023. Discussion centered around timelines and scope of work. Due to the demands of the department in terms of the other projects they have in the pipeline, it was determined that the projects would be reexamined in Q3 of 2023. It was pointed out that we need to change the wording of our description from “shelter” to “evacuation center”. In FEMA terminology, a shelter is a hardened facility. Neither the Keaau Armory or Hisaoka Armory are hardened facilities.

Quarterly Expenditures: \$0

**Planning Projects**

Revisions to Zoning and Subdivision Codes. At a cost of \$420,000.00, This project would have less direct benefit to incident response. However, proper benefit to hazard risk reduction can decrease risk and the need for disaster response.

Updates to the Zoning and Subdivision Codes that incorporate hazard mitigation can reduce the risk of exposure to natural disasters. This project is in the planning phase.

Quarterly Progress: Kickoff meeting was held April 3rd, 2023. At the meeting, information was relayed that the revisions to the zoning and subdivision code would not occur until the General Plan was adopted. Re-allocation these funds was discussed to support other projects within the planning department. These opportunities have yet to be identified and would require a future substantial amendment. Meetings will be ongoing to identify opportunities for CDBG-MIT funding.

Quarterly Expenditures: \$0

**Department of Public Works**

Flood Studies: Puna District, \$200,000.00, North Kona District, \$113,700.00, South Kohala District, \$100,000.00. Minimizes public and private losses, promotes protection of human life and health, minimizes expenditure of public money, minimizes the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the public, provide information on flood-prone areas, provides framework for future development, etc. These projects are in the planning phases under the UNM objective.

Quarterly Progress Report: The proposed Puna Flood study has been identified by DPW as being funded by through DPW and United States Army Corp of Engineers funding. There is now discussion regarding a pivot toward the South Kohala Flood Study based upon recent flooding events and an increased focus on development. DPW has been provided the requirements that need to be met in order to pivot to a new study. If the requirements can be met, a substantial amendment would follow, updating the criteria for the project. Other funding sources to accompany CDBG-MIT funding are being discussed.

Quarterly Expenditures: \$0

Administration Ongoing, \$343,000.00

**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
P01, ArcGIS	\$0.00	\$388,050.00	\$0.00
P02, Water Emergency Power	\$0.00	\$876,750.00	\$0.00
P03, Wildfire Mitigation	\$0.00	\$2,110,500.00	\$0.00
P04, Shelter Capacity	\$0.00	\$2,310,000.00	\$0.00



P05, Code Revisions	\$0.00	\$420,000.00	\$0.00
P06, Flood Studies	\$0.00	\$413,700.00	\$0.00
P07, Administration	\$0.00	\$343,000.00	\$0.00

