



FEMA Hazard Mitigation Assistance Grants

District Government Agency Follow up

Overview

- Recap of 2022 Hazard Mitigation Assistance Opportunities
 - Hazard Mitigation Grant Program – COVID-19
 - Building Resilient Infrastructure and Communities Program
 - Flood Mitigation Assistance Program
- Agency Engagement Update
- Current Proposal List, Selection, and Next Steps

Current funding outlook

In FY 2022 FEMA is making funding available for the following programs. HSEMA will help you determine if your project is a good fit and which source is right for you.

	Hazard Mitigation Program Grants (HMGP COVID)	Building Resilient Infrastructure and Communities (BRIC)	Flood Mitigation Assistance (FMA)
Available Funding	\$3.46 billion nationally with \$14.48M allocated for projects (almost fully allocated, from FY21)	\$2.3B nationally with \$2M allocated and \$50M available per project for DC through competitive	\$800M nationally (projects must benefit structures insured by the NFIP)
Eligibility	Prioritizes infrastructure projects, especially those that use nature-based solutions and protect critical facilities adapting to future conditions	Prioritizes infrastructure projects, especially those that use nature-based solutions/green infrastructure	Prioritizes infrastructure projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the NFIP
FEMA Deadline	February 1, 2023	January 27, 2023	January 27, 2023
HSEMA Deadline	September 30, 2022 (extended)	December 2, 2022	December 2, 2022

Agency Ideas to Date

In FY 22, our team has held series of meetings, workshops and site visits with 13 stakeholders resulting in the following project ideas:

1. Stormwater Pump Station Design (DC Water)
2. Pepco substation at Blue Plains Advanced Wastewater Treatment Plant (DC Water)
3. Updating Climate Projections (DOEE)
4. Integrated Flood Model Watershed Plans (DOEE)
5. Lewis Crowe Park Flood and Heat Mitigation Design (DPR)
6. Harbor Patrol Facility Flood Mitigation Design (DGS)
7. Modernization of Thomas Elementary school (DGS)*
8. Eight Flood Warning Signs (DDOT, HSEMA)
9. Weather Sensor Initiative (Equipment only) (HSEMA)
10. ReadyDC Campaign Outreach Supplies (HSEMA, FEMS)
11. Charging Station for Fleet Management (DPW)*
12. Insurance Alternative Feasibility (DSIB)
13. P Street Closure part of Levee System (TBD)
14. Utility Hazard Mitigation Plan Update (DC Water)
15. Oxon Run Sewer Rehabilitation and Stream Restoration (DC Water)
16. Generator, electrical upgrades and floodproofing at two stormwater pump stations (DC Water)
17. Backwater Valve Installation Program (DC Water)
18. Benning Station Resilient Power Design (DPW)
19. Permeable Pavers Outreach Program (DOEE)
20. Public Schools Hazard Mitigation Project at Sharpe Health, Phelps HS, Browne ES) (DGS)
21. Greenleaf Senior Center Floodproofing (DCHA)
22. Emergency Operations Generators (HSEMA, FEMS, MPD, DGS)
23. ReadyDC Campaign Outreach and Coordination (HSEMA)
24. State Hazard Mitigation Plan (HSEMA)

* ineligible, needs to mitigate against natural hazard

HSEMA Priorities for 2022

- Fully utilizing HMGP Funding
 - Taking advantage of non-competitive funding to get priority projects accomplished
 - Ensuring that we have multiple back-up plans to fully spend down
- Creating a competitive slate for BRIC
 - Funding project scoping initiatives that will turn into implementation projects
 - Going after big-ticket items in the competitive process wherever possible
- Using FMA strategically when projects are in the floodplain

This year's proposal list

Estimate Legend

\$ <250K

\$\$ 250-750K

\$\$\$ >750K

Filter

Resilience and Hazard Mitigation Planning

Proposal		Resilience Outcome	Funds	Level of Effort	Estimate (range)
Hazard Mitigation Plan Update (HSEMA)		Update will include incorporation of changes to the District's HMP and explore ways to automate the list of mitigation actions.	HMGP/Local	Med	\$\$
Hazard Mitigation Plan Update (DC Water)		Update will include incorporation of changes to the District's HMP and explore ways to automate the list of mitigation actions.	BRIC/Local	Med	\$
Updating Climate Projections (DOEE)		Provide analysis of climate change impacts and outreach support to assist in socializing new projections into other agency's planning, policy and relevant docs	HMGP/Local	Med	\$\$
Integrated Flood Model Watershed Plans (DOEE)		Complete flood resilience strategy for high-priority neighborhoods based on IFM	BRIC/Local	Med	\$\$-\$\$\$

This year's proposal list (cont'd)

Estimate Legend






\$ <250K

\$\$ 250-750K

\$\$\$ >750K

Filter

Property Protection and Improvements

Proposal		Resilience Outcome	Funds	Level of Effort	Estimate (range)
Stormwater Pump Station Design (DC Water)		Design needs for increasing capacity of two stormwater facilities for electrical and HVAC upgrades	BRIC/CIP	Med	\$\$\$
Oxon Run Sewer Rehabilitation and Stream Restoration (DC Water)		Design a solution to restore the stream and sewer pipe in area	HMGP/CIP	Med	\$\$
Backwater Valve Installation Program (DC Water)		Provide direct financial assistance to 500 homes in the city in need of installation of backwater valves	HMGP/CIP	Med	\$\$\$
Emergency Operations Generators (HSEMA, FEMS DGS)		Installation of backup diesel generators at six critical facilities	HMGP/Local	Med	\$\$\$
Generator, electrical upgrades and floodproofing at two stormwater pump stations (DC Water)		Installation of backup diesel generators at two critical water facilities including floodproofing location	HMGP/Local	Med	\$\$-\$\$\$

This year's proposal list (cont'd)

Estimate Legend






\$ <250K

\$\$ 250-750K

\$\$\$ >750K

Filter

Property Protection and Improvements

Proposal		Resilience Outcome	Funds	Level of Effort	Estimate (range)
Greenleaf Senior Center Floodproofing (DCHA)		Elevate Center's M&E to the roof and floodproofing the building will mitigate risk of flooding to equipment and to the building	HMGP/Local	Med	\$\$\$
Public Schools Hazard Mitigation at Sharpe Health, Phelps HS, Browne ES (DGS)		Enhance existing modernization efforts by upgrading electrical work at locations and install bioretention at the Brown's ES parking lot	HMGP/Local	Med	\$\$\$
Benning Station Resilient Power Design (DPW)		Design microgrid for station, work will run parallel to the existing design-build contract to modernize campus	HMGP/Local	Med	\$\$-\$\$\$
Patrol Harbor Facility Flood Mitigation Design (DGS)		Additional designs needs related to facility improvements to decrease flood risk	HMGP/Local	Med	\$\$-\$\$\$
FloodSmart Homes in the Floodplain (DOEE)		Complete additional assessments of homes that are at risk of flood damage	FMA/Local	Low	\$\$-

This year's proposal list (cont'd)

Estimate Legend




\$ <250K

\$\$ 250-750K

\$\$\$ >750K

Filter

Public Education & Awareness

Proposal		Resilience Outcome	Funds	Level of Effort	Estimate (range)
ReadyDC Campaign Outreach and Coordination (HSEMA)		Continuation of efforts to identify potential future mitigation projects to decrease risk to natural hazards	HMGP/Local	Med	\$\$\$
Eight Flood Warning Sign Initiative (DDOT, HSEMA)		Install eight flood warning signs at pre-identified locations to warn drivers of area that frequently flood during high water or rainfall conditions	HMGP/Local	Med	\$\$
ReadyDC Campaign Outreach Supplies (HSEMA, FEMS)		Purchase of 500+ weather radios, water alarms, and other items to support community resilience	HMGP/Local	Med	\$

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Risk Analysis and Assessment

Weather Sensor Initiative (Equipment only) (HSEMA)		Purchase of equipment to assist with developing benefit cost analysis related to HMA program implementation.	BRIC/Local	Med	\$\$
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Proposal Key Tasks

December 2:

- 1) Agency to provide 90-95% draft of application for final review.
 - I. Materials include:
 - a) Project description, scope of work, and protection provided
 - b) Project location description, maps, and photos
 - c) Project budget and schedule
 - d) FEMA's BCA report and analysis (implementation proposals)
 - e) Environmental and Historic Preservation review (implementation proposals)
 - f) Support, Commitment and Maintenance Letters
 - II. HSEMA can review first draft of application material. Request draft by November 17.

January 16-20:

- 1) HSEMA to submit application in grant portal