

**PROSPECTUS - ALTERATION
INVENTORY RISK MITIGATION AND RESILIENCE PROGRAM
VARIOUS BUILDINGS**

Prospectus Number: PRM-0001-MU24

FY 2024 Program Summary

This prospectus is to advance risk assessments and risk management strategies to safeguard property under the jurisdiction, custody, and control of the U.S. General Services Administration (GSA) to the observed and expected changes in climate. As part of this effort, GSA will use forward-looking information, conduct climate adaptation analyses and planning to identify vulnerabilities and manage risks created by changes in extreme weather and climate patterns.

FY 2024 Committee Approval and Appropriation Requested \$60,000,000¹

Program Summary

GSA is undertaking formal agency efforts to determine asset Vertical Data and Information to define more accurately flood vulnerabilities using both the observed and expected changes in climate. These efforts include buildings and site infrastructure (horizontal), estimated flood mitigation project costs, time frames for project execution, and updates to agency Geographic Information Systems and asset management systems. Program funds will be used to conduct formal agencywide vulnerability assessments to align with the actionable science from the latest National Climate Assessment and to fortify agency risk management efforts. Program funds will also be used to execute the identified, highest priority projects. The follow items would be included:

- Modernization of agency internal guidance, systems, and tools to assist GSA with implementation and to avoid maladaptation².
- Tailored training for agency professionals.
- Execute capital projects developed using the data, analysis, mapping, and processes identified and developed above for the highest priority assets.
- Integrate statistical downscaling for Puerto Rico, Hawaii, and Alaska into new and existing asset risk assessment processes.

Justification

Integration of actionable climate science and exposure/sensitivity assessments will inform enterprise risk management and identify appropriate resources to manage these risks.

¹ GSA will use funding provided under section 60504 – General Services Administration Emerging Technologies of the Inflation Reduction Act, Pub. L. 117-169, to undertake a significant amount of the data analytics and mapping, thereby allowing program and project execution to be a greater focus in fiscal year (FY) 2024.

² Maladaptation increases the vulnerability of communities, natural or built systems, economic sectors, and natural resources to climate impacts or related risks, or both.

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This program provides funding to build on GSA's ongoing climate change risk management strategies to limit disruptions to GSA's core missions and programs and avoid costly emergency response measures. It will also establish planned future actions to provide reliable asset performance in changing conditions and secure the federal investment over the intended asset service life.

Summary of Energy, Water, Sustainability, and Climate Risk Compliance

These projects will be designed to conform to requirements of *PBS-P100, Facilities Standards for the Public Buildings Service*. GSA will focus on design and construction opportunities to increase energy and water efficiencies to minimize operating costs and greenhouse gas emissions, incorporate sustainable design principles into projects, and identify and minimize climate risk liabilities above the minimum performance criteria in a manner that is life cycle cost effective.

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Certification of Need

The proposed program is the best solution to meet a validated Government need.

Submitted at Washington, DC, on 3/14/2023

Recommended: 

Commissioner, Public Buildings Service

Approved: 

Administrator, General Services Administration