

**PROSPECTUS - ALTERATION
CLIMATE AND RESILIENCE PROGRAM
VARIOUS BUILDINGS**

Prospectus Number: PCR-0001-MU23

FY 2023 Program Summary

This prospectus is to advance climate adaptation and resilience risk assessments and mitigation strategies to safeguard property under GSA’s jurisdiction, custody and control. As part of this effort, the General Services Administration (GSA) will undertake forward-looking climate information and climate adaptation analyses and projects to manage vulnerabilities and risks created by changes in climate weather patterns.

FY 2023 Committee Approval and Appropriation Requested \$60,000,000¹

Program Summary

Program funds will be used to conduct formal agency-wide vulnerability assessments to align with the climate science from the latest National Climate Assessment and to fortify agency risk management efforts. Program funds will also be used to execute identified, highest priority projects. The follow items would be included:

- Development of a portfolio-wide Vertical Data and Information profile to determine flood vulnerabilities for buildings (or other horizontal assets), estimated flood mitigation project costs, and time frames for project execution.
- Modernization of agency internal guidance, systems, and tools to assist GSA with implementation.
- Tailored training for agency professionals.
- Map within agency Geographic Information System all assets that have climate profiles developed and characteristics of each site.
- Integrate statistical downscaling for Puerto Rico, Hawaii, and Alaska into new and existing asset risk assessment processes.
- Execute capital projects developed using the data, mapping, and processes identified and developed above for the highest priority assets.

Justification

Adaptation of a portfolio-wide integration of climate science and exposure/sensitivity assessments will advance the ability to inform enterprise risk management and identify appropriate resources to manage these risks.

¹ The President’s FY 2022 Budget proposes \$100 million. If enacted, GSA should be able to undertake a significant amount of the data analytics and mapping, thereby allowing project execution to be a greater focus in FY 2023.

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This program provides funding to build on GSA's historic and ongoing climate change risk management strategies to limit disruptions to GSA's core missions and programs. It will also establish planned future actions to adapt to climate change and improve resilience of its assets and operations.

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

This project will be designed to conform to requirements of the *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, to 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 4/5/2022

Recommended:  _____
Commissioner, Public Buildings Service

Approved:  _____
Administrator, General Services Administration