



Pinellas County

Staff Report

File #: 25-1780A, Version: 1

Subject:

Maintenance agreement and statement of assurances related to the Hazard Mitigation Grant Program application with the Florida Division of Emergency Management for the replacement of eight emergency backup power generators to critical pump stations.

Recommended Action:

Approval of the maintenance agreement and statement of assurances related to the Hazard Mitigation Grant Program (HMGP) application with the Florida Division of Emergency Management (FDEM) for the replacement of eight emergency backup power generators to critical pump stations.

- Funding supports replacing eight emergency backup power generators to critical pump stations, including any necessary electrical upgrades.
- Grant application submitted on May 21, 2025 (Legistar item 25-0710A). Total project costs are estimated at \$2,359,905.11. County match is \$589,976.28.
- FDEM is now requiring County official signatures on two forms for routine maintenance of facilities receiving federal aid.
- Forms serve same purpose for other HMGP applications submitted by Utilities and Public Works Departments.
- Funding for original grant application is budgeted under Pump Station Generator Improvements Project 003762A, included in the Fiscal Year 2025-2030 Capital Improvement Plan, funded by the Sewer Renewal and Replacement Fund and Future Financing in the amount of \$11,580,000.00.

Strategic Priorities:

Resilient Infrastructure and Environment

1.2 Maintain and enhance County infrastructure

1.5 Strengthen resilience and adaptation

1.6 Ensure sustainable water management

Healthy and Safe Communities

2.1 Improve public health

Summary:

FDEM is now requiring County official signatures on two (2) forms for routine maintenance of facilities receiving federal aid. The Forms serve the same purpose for other HMGP applications submitted by the Utilities and Public Works Departments. The associated HMGP application is for replacement of eight (8) emergency backup power generators to critical pump stations, including any necessary electrical upgrades to limit damage caused by loss of power.

Background Information:

Replacing existing generators, which have reached the end of their useful life, reduces likelihood of failure when power is unavailable. The advantage of having wastewater pump stations on generators is they also address power grid vulnerability due to lightning from frequent storms. The installation of backup emergency generators at critical pump station locations is essential to mitigate the effects of natural hazards impacting Pinellas County.

The project directly aligns with the following goals outlined in the County's 2025 Local Mitigation Strategy (LMS) Plan: Goal 1: Become a more disaster resilient community; Goal 2: Minimize coastal flooding losses in the Coastal High Hazard Area (CHHA), Coastal Storm Area and Hurricane Vulnerability Zone; Goal 3: Minimize flooding losses in the 25, 50, and 100-year flood zone; Goal 4: Minimize Storm Wind Losses in the County.

Fiscal Impact:

N/A

Staff Member Responsible:

Jeremy Waugh, Director, Utilities

Partners:

Federal Emergency Management Agency (FEMA)
Florida Division of Emergency Management (FDEM)

Attachments:

Maintenance Agreement
Statement of Assurances
HMGP Grant Application narrative