



RCP APPLICATION

RCP Grants

> Create a New Grant Application

▾ Existing Applications

Draft RCP Grant Applications

Application Type	Applicant Name	Project Title	Prepared By	Created ...	Last Up...
<input type="radio"/> Funding for Resilient Florida - Infrastructure Gr...	Pinellas County	Gulf Beach Water Booster Station Improve...	Emily Magyar	Jul 11, 2024	Jul 12, 2024

Modify Draft Application

Application

Resilient Florida - Infrastructure Grants

1. Applicant Information

Applicant Account ⓘ ✕

Applicant Grant Manager ⓘ ✕

Name

Title

Account Name

Phone _____

Email [emmagyar@pinellas.gov \(mailto:emmagyar@pinellas.gov\)](mailto:emmagyar@pinellas.gov)

Mobile _____

Contact Owner [Linda Reeves \(/grants/s/profile/0055G000007aokjQAA\)](/grants/s/profile/0055G000007aokjQAA)

Applicant Authorized Signee ⓘ ✕

Applicant Fiscal Agent ⓘ ✕

2. Project Information

*

Choose the Entity Category:

ⓘ ▼

Choose the project type you are submitting:

ⓘ

Available	Chosen
<input type="text" value="Coastal Flood Control (Grey)"/>	<input type="text" value="Drinking Water Infrastructure"/>
<input type="text" value="Emergency Facilities"/>	
<input type="text" value="Land Acquisition and Conservation"/>	
<input type="text" value="Living Shoreline and Erosion Control"/>	
<input type="text" value="Natural Systems Restoration"/>	

Metric Assigned ⓘ ▼

Metric Value ⓘ

Metric Value Units ▼

* (required) Project Title ⓘ

List the City(ies)/ Town(s)/Village(s) ⓘ

Project Geo Location

Latitude

27.71943

Longitude

-82.73941

Project Location (narrative)



4501 Gulf Boulevard, St. Pete Beach, FL 33706. the Gulf Beach Water Booster Station project is bounded by Gulf Boulevard on the west, 45th Avenue on the south, 46th Avenue on the north, and on the east by the City of St. Pete Beach Lido Park/1st Street East.

State Lands or State Parks Utilized

No

Area Served



Available

Alachua

Baker

Bay

Bradford

Brevard

Chosen

Pinellas

Sponsor City/County

Pinellas

2A. General Information

Background

Explain the demonstrated need(s) and how the project will address those needs.



The Gulf Beach Water Booster Station (GBWBS) is vulnerable to inundation based on information from the Pinellas County Sea Level Rise and Storm Surge Vulnerability Assessment. Furthermore, a preliminary engineering report conducted in December 2022 assessed the facility to future planning horizons that further establish the GBWBS is highly vulnerable based on the combined effects of sea level rise (SLR) and the 100-year return period storm. Inundation of electrical equipment, such as control panels and emergency generators, would result in degradation of

Explain how the proposed project fits into the Project Types chosen above.

The project will improve water service reliability, operational efficiency, fire protection, and storm and flood resiliency. Currently, the water pressure leaving the station averages 65-70 psi out of the station, and the improvements will enhance the reliability of maintaining this pressure throughout the water service area.

2B. Project Scoring Criteria

> Tier 1 Criteria Information

> Tier 2 Criteria Information

> Tier 3 Criteria Information

> Tier 4 Criteria Information

> Additional Information

> Multiagency Information

3. Project Work Plan

Please review the RPG Project Types and Annual Priorities. If including any letters of support or other materials, they should specifically address the Work Plan.

Project Summary ⓘ

Pinellas County Utilities (PCU) is designing improvements to the Gulf Beach Water Booster Station (GBWBS) in St. Pete Beach. The project will replace the existing drinking water booster station with a new booster station that will improve service reliability to residents and meet current industry and operational standards. This includes constructing a new two-story building with

Project Description ⓘ

A new two-story building will be constructed to protect the electrical equipment from flood and storm surges. The building will be designed to match the existing architectural style. The water station is being upgraded with new booster pumps, efficient variable frequency drives, electrical equipment delivery system, chemical feed systems, generator power with automatic transfer switch

Cancel

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> Task Budget Category

> Application Budget

> Task Personnel Grantee

> Submittal

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Tallahassee, FL 32399-3000