



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2025-2026

LFIR # 2268

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

The City's critical WRF – which services 10,000 individuals daily within Cape Canaveral with wastewater treatment - is located immediately adjacent to the environmentally sensitive Banana River Lagoon in a vulnerable geographic area that makes it susceptible to erosion/storm surge. This vulnerability has been noted by both surge computer modeling and observations from past storm events such as 2017's Hurricane Irma where sections of the WRF's shoreline collapsed into the lagoon. Since 2021, City Staff have been actively engaged with officials from the US Army Corps of Engineers as part of the agency's Section 14 Emergency Streambank Protection Program. Funds will be used to build an enhanced shoreline defense system that will involve a new steel sheet pile wall, coquina revetement, and shoreline plantings to stop erosion from undermining vital onsite infrastructure

5. **State Agency to receive requested funds**

**State Agency contacted?**  No

6. **Amount of the Nonrecurring Request for Fiscal Year 2025-2026**

Type of Funding	Amount
Operating	0
Fixed Capital Outlay	4,757,900
<b>Total State Funds Requested</b>	<b>4,757,900</b>

7. **Total Project Cost for Fiscal Year 2025-2026 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	4,757,900	35%
<b>Matching Funds</b>		
Federal	8,836,100	65%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
<b>Total Project Costs for Fiscal Year 2025-2026</b>	<b>13,594,000</b>	<b>100%</b>

8. **Has this project previously received state funding?**  No

If yes, provide the most recent instance:

Fiscal Year (YYYY-YY)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. **Is future-year funding likely to be requested?**  No

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.



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## Complete questions 10 and 11 for Fixed Capital Outlay Projects

### 10. Status of Construction

a. What is the current phase of the project?

- Planning
  Design
  Construction
  N/A

b. Is the project "shovel ready" (i.e permitted)?

No

c. What is the estimated start date of construction?

10/15/2025

d. What is the estimated completion date of construction?

01/03/2028

e. What funding stream will be used for ongoing operations and maintenance of the project?

Wastewater and Stormwater Enterprise Funds

### 11. List the owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

The City of Cape Canaveral is the owner of the WRF and the land on which it resides. The City of Cape Canaveral would receive any fixed capital outlay funding. The City of Cape Canaveral is responsible for the upkeep, maintenance, and day-to-day operations of the WRF.

### 12. Details on how the requested state funds will be expended

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Operational Costs</b>		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Construction/Renovation/Land/Planning Engineering: Surveying, engineering design, and construction of a new, enhanced and hardened shoreline along the WRF's south side consisting of a steel sheet pile wall, a coquina revetment, and shoreline plantings such as mangroves and cordgrasses to protect critical wastewater treatment infrastructure.	4,757,900
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>4,757,900</b>

### 13. Program Performance

a. What specific purpose or goal will be achieved by the funds requested?



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The goal of the project is to harden and enhance the WRF’s crumbling southern shoreline in order to better handle increasing instances of erosion and powerful hurricane-related storm surge and avoid a potentially catastrophic collapse of near-shore infrastructure such as the plant’s sewage filled Oxidation Ditch. Additional goals include maintaining the long-term livability and safety of the community, because if the Oxidation Ditch fails, then City residents and businesses would not be able to use water until repairs are made, as well as avoid environmental destruction within the Banana River Lagoon where a sewage spill could occur.

**b. What activities and services will be provided to meet the intended purpose of these funds?**

This project includes but is not limited to the furnishing of all labor, materials, tools, equipment, machinery, expertise, services, and all else necessary for proper design, construction and completion of the project consisting of excavation, installation of steel sheet pilings and coquina revetment boulders, clearing and replanting, ground and water monitoring, back-filling, installation of construction erosion control measures, and marine environmental monitoring.

**c. What direct services will be provided to citizens by the appropriation project?**

Cape Canaveral’s WRF treats wastewater for 10,000 residents, a vital service for a safe community. The Oxidation Ditch holds 1.38 million gallons of sewage, with its southern end just 10 feet from the lagoon. A shoreline collapse could cause a massive sewage spill and force the WRF to shut down. Without a secondary Oxidation Ditch, sewage backups could affect homes and businesses, disabling the city’s sewer system. Repairs would cost \$10 million and take 6–12 months, during which no water could be used in the community.

**d. Who is the target population served by this project? How many individuals are expected to be served?**

This project directly serves 10,000 residents but indirectly benefits hundreds of thousands, including tourists and space industry professionals. Many City residents work at KSC, CCSFS, and Port Canaveral. If the WRF fails due to shoreline collapse, residents, visitors, and emergency services would lose access to water. Sewage backups could cause illness, especially for vulnerable populations. Within 24–48 hours, 1.4 million gallons of sewage would spill into the lagoon, causing environmental damage and \$15,000 in daily fines from the FDEP until cleanup is complete.

**e. What is the expected benefit or outcome of this project? What is the methodology by which this outcome will be measured?**

The expected benefit of this project would be the long-term stabilization of the WRF’s shoreline to significantly reduce the risk of critical infrastructure being undermined by erosion and storm surge. Ground measurements to record ground subsidence would be conducted on a quarterly basis for at least five years after the project’s completion would be conducted in conjunction with local universities to determine new erosion rates, if they are still present at all. LiDAR imagery would also be conducted using drones to measure changes in ground movement, and to image/record the rate of growth of any new plants added to the shoreline. Another major measure in which to gauge project success would be to not have any significant collapse events before, during, or after storm events.

**f. What are the suggested penalties that the contracting agency may consider in addition to its standard penalties for failing to meet deliverables or performance measures provided for in the contract?**

De-obligation of funding.

14. Is this project related to mitigation, response, or recovery from a natural disaster?  No  Yes

**a. If Yes, what phase best describes the project?**

- Mitigation (reducing or eliminating potential loss of life or property)
- Response (addressing the immediate and short-term effects of a natural disaster)
- Recovery (assisting communities return to normal operations, including rebuilding damaged infrastructure)

**b. Name of the natural disaster (or Executive Order # for events not under a federal declaration):**

Hurricanes both past and future

15. Has the entity applied for or received federal assistance for this project?



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- Yes, Applied
- Yes, Received
- No
- No, but intends to apply

**a. If yes, provide the FEMA project worksheet ID#:**

**b. Provide the total project cost listed on the FEMA project worksheet:**

**16. Has the entity applied for or received state assistance for this project (other than this request)?**

- Yes, Applied
- Yes, Received
- No
- No, but intends to apply

**a. If yes, specify the program and state agency (ex. Local Government Emergency Bridge Loan, Department of Commerce):**

**Please complete questions 17 through 21 for Water Projects only.**

**17. Have you been awarded or applied for alternative state funding for this project?**

- Water Quality Improvement Grant Program
- Resilient Florida Grant Program
- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (please specify, ex. Alternative Water Supply Grants)
- N/A

**18. What is the population economic status?**

- Financially Disadvantaged Community (ch. 62-552, F.A.C)
- Financially Disadvantaged Municipality (ch. 62-552, F.A.C)



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- Rural Area of Economic Concern
- Rural Area of Opportunity (s. 288.0656, Florida Statutes)
- N/A

**19. What is the status of construction?**

Feasibility and Design

**20. What percentage of the construction has been completed?**

0%

**21. What is the estimated completion date of construction?**

01/03/2028

**22. Requester Contact Information**

- a. First Name  Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number  Ext.

**23. Recipient Contact Information**

- a. Organization
- b. Municipality and County

**c. Organization Type**

- For Profit Entity
- Non Profit 501(c)(3)
- Non Profit 501(c)(4)
- Local Entity
- University or College
- Other (please specify)

- d. First Name  Last Name
- e. E-mail Address
- f. Phone Number  Ext.

**24. Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address



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d. Phone Number

*The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.*