



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2025-2026

LFIR # 3180

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Advanced Wastewater Treatment Conversion (AWT) of Wastewater Treatment Facility Number 1 (WWTF-1) is to modernize the treatment process of the City's primary wastewater treatment facility, to align with objectives of the Florida Department of Environmental Protection to better protect the environment and waters of the State by reducing key pollutants associated with effluent produced at treatment facilities.

5. State Agency to receive requested funds

State Agency contacted?

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

Type of Funding	Amount
Operating	0
Fixed Capital Outlay	5,000,000
Total State Funds Requested	5,000,000

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)	5,000,000	10%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	45,000,000	90%
Other	0	0%
Total Project Costs for Fiscal Year 2025-2026	50,000,000	100%

8. Has this project previously received state funding?

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?

a. If yes, indicate nonrecurring amount per year.

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

Complete questions 10 and 11 for Fixed Capital Outlay Projects



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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)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

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

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.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	CPH Engineers and Wharton Smith Construction & Construction Management at Risk (CMAR) Construction services, construction engineering, inspection services, construction management services.	5,000,000
Total State Funds Requested (must equal total from question #6)		5,000,000

13. Program Performance

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

As a result of the Engineering Study, it has been decided that WWTF No.1 will be upgraded and expanded to 10.83 MGD with meeting advanced wastewater treatment (AWT) standards. The treatment process considered for both upgrading and expansion is the 5-stage Bardenpho process capable of reducing influent wastewater phosphorous, Nitrogen and BOD to achieve AWT standards. This process will achieve the highest wastewater treatment and reuse. The project will increase capacity to serve current and future growth.

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



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Design and construct a 4.0 MGD advanced wastewater treatment facility and conversion of existing facility to advanced treatment. Performed preliminary engineering design of site plan and piping plan of the proposed improvements at the WWTF No.1 has been completed. Will be conducting preliminary design calculations for the improvement for storage tank sizes. Perform hydraulic modeling of proposed improvements. Set preliminary elevations for all required facility structures. Model the biological nutrient reduction system based on wastewater influent characteristics and AWT requirements.

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

In recent years, there has been significant growth in the service area of WWTF No.1, and additional development is anticipated in the near future. This plant expansion will enable the City's Utility Department to process/treat the expected additional wastewater. It will also prevent the potential of sanitary sewer overflows. The needed treatment plant capacity and the advanced quality treatment for the reuse water for irrigation has the capability to recharge of the Floridan Aquifer.

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

The target population can range from 100,000 to 135,000. It will serve the Palm Coast residents, schools, and commercial businesses. The expanded facility will serve 60% of the current and future service area.

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

A treatment facility that utilizes the best available technology, an improved structural, mechanical, and electrical/controls/instrumentation/SCADA which will allow the City to meet and exceed the mandated regulations set forth by our regulatory agency including meeting the nitrogen/ammonia and phosphorus levels. A treatment capacity to handle high flows at peak periods such as heavy rainfalls. The project will utilize the advanced treatment and will produce a better quality reuse. The outcome will allow the City to approve new development and commercial which has the potential to create new jobs.

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?

The Florida Department of Environmental Protection consent order for exceeding plant capacity and the wastewater collection system sanitary sewer overflows.

14. Is this project related to mitigation, response, or recovery from a natural disaster?

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):

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

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

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



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

19. What is the status of construction?

Design and contract processed for construction utilizing (CMAR)

20. What percentage of the construction has been completed?



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0% - (60% designed and construction to begin in 2025)

21. What is the estimated completion date of construction?

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
 d. Phone Number

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