



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1479

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. **Project/Program Description**

The project includes improvements to two areas of the City of Cape Canaveral's Wastewater Treatment Plant (WWTP). One part of the project includes the replacement of the pre-treatment system (headworks) which collects debris from the sanitary sewer system influent. Currently, large amounts of debris pass through the pre-treatment system into the waste stream due to wear and tear of the screens. Another part of the project is the replacement of the sand filter system which filters out nitrogen and phosphorous from the waste stream. Currently, the system is losing filtration sand which causes downstream water quality issues. Both of these systems were installed in the 1990s, no longer perform to standards, are technologically outdated and cause maintenance and water quality issues. The pre-treatment system will be replaced with a drum filter and the sand filter system will be replaced with cloth media disk filters to improve the water quality of the WWTP effluent (reclaimed water).

5. **State Agency to receive requested funds**
- State Agency contacted? Yes No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input style="width: 80%;" type="text" value="000"/>
Fixed Capital Outlay	<input style="width: 80%;" type="text" value="750,000"/>
Total State Funds Requested	750,000

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	<input style="width: 80%;" type="text" value="750000"/>	<input style="width: 80%;" type="text" value="45.0"/> %
Matching Funds		
Federal	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
State (excluding the amount of this request)	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Local	<input style="width: 80%;" type="text" value="912,665"/>	<input style="width: 80%;" type="text" value="55"/> %
Other	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Total Project Costs for Fiscal Year 2020-2021	1,662,665	100 %

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

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>

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

If yes, indicate nonrecurring amount per year.



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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Project construction costs - materials and labor.	750,000
Total State Funds Requested (must equal total from question #6)		750,000



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11. Program Performance

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

Completion of these improvements will (1) improve WWTP operations by replacing outdated treatment systems with efficient systems, (2) significantly reduce maintenance costs at the WWTP and (3) improve water quality of WWTP effluent (reclaimed water) by reducing concentrations of nitrogen and phosphorous. Reduction of these maintenance and operating costs will be helpful in maintaining affordable sewer rates for the residents in the City where the median household income is only about 81% of the state median household income.

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

Kimley-Horn and Associates, Inc. has been contracted by the City to perform engineering design, bid review and construction oversight of the project. This will ensure that the project is constructed in a timely and cost-effective manner by a qualified contractor.

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

Water quality of the WWTP effluent (reclaimed water) currently provided to local businesses and residents, Port Canaveral and the City of Cocoa Beach will be improved. Runoff from areas irrigated with reclaimed water will also have less impact on surface water bodies (Indian River Lagoon system - an Outstanding Florida Water). A significant reduction in maintenance costs is also anticipated.

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

The City's entire population - 10,241. Since completion of this project will result in lower concentrations of nitrogen and phosphorous in the WWTP effluent (reclaimed water), reclaimed water customers (businesses and residents) located in Cape Canaveral, Port Canaveral and Cocoa Beach will benefit.

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

Significantly lower maintenance costs will be achieved and water quality of the WWTP effluent (reclaimed water) will be improved. As required by permit, nitrogen and phosphorous concentrations in the WWTP waste stream are monitored by the City. Upon completion of the improvements, laboratory results will provide evidence of project success in reducing nitrogen and phosphorous concentrations in the WWTP effluent. Reduction of nitrogen and phosphorous in the WWTP effluent (reclaimed water) will also reduce the amount of nutrients from runoff of the reclaimed water into the Indian River Lagoon system, an Outstanding Florida Water.

- 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?

Outdated and failing treatment equipment that requires continuous maintenance will be replaced during this project with state-of-the-art headworks screens and treatment filters. Failure to reduce concentrations of nitrogen and phosphorous in the WWTP effluent is not anticipated. If deliverables are not met, other causes in the wastewater treatment process will be investigated and corrected.



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12. **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 owns and operates the Wastewater Treatment Plant - the only WWTP within the City limits.

13. **Requestor Contact Information**

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

14. **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

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.



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Please complete the questions below for Water Projects only.

16. **Have you applied for alternative state funding?**

- Waste Water Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (please specify)
- N/A

17. **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

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

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

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

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