



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2023-2024

LFIR # 2145

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The Canal to Irrigation Water Project (A.K.A Stormwater Pipeline) is a multi-phased project. The first phase of the project, the Main Relief Canal intake structure and the distribution structure is under construction. The second phase of the project will construct 26,200-LF of stormwater pipe within road right-of-way and under the Indian River Lagoon. Canal Intake and Re-pump station will be designed to pump in excess of 3-mgd of treated stormwater as irrigation water to the Barrier Island.

5. State Agency to receive requested funds

State Agency contacted?  No

6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	1,975,990
<b>Total State Funds Requested</b>	<b>1,975,990</b>

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1,975,990	12%
<b>Matching Funds</b>		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	10,516,471	65%
Other	3,689,753	23%
<b>Total Project Costs for Fiscal Year 2023-2024</b>	<b>16,182,214</b>	<b>100%</b>

8. Has this project previously received state funding?  No

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

9. Is future 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.

Public/Private Partnership with Johns Island Water Management.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes



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If yes, indicate the amount of funds received and what the funds were used for.

In 2020, the City received \$652,736 in CARES Act funding as a pass-through from Indian River County, which was expended on eligible public safety and public health measures related to the COVID-19 public health emergency. In 2021, the City received an allocation of \$2,562,386 from the American Rescue Plan State and Local Fiscal Recovery Fund. Of this amount \$500,000 has been programmed for stormwater projects and the rest has not yet been programmed for specific projects by the City Council.

## Complete questions 11 and 12 for Fixed Capital Outlay Projects

### 11. Status of Construction

a. What is the current phase of the project?

- Planning   
  Design   
  Construction

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

Yes

c. What is the estimated start date of construction?

Under Construction

d. What is the estimated completion date of construction?

September, 2024

12. 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 owners of the facility and the entity are the same "City of Vero Beach."

### 13. 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: Other</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	The Canal Intake Station is currently under construction. The stormwater pipeline construction will start in June, 2023 with anticipated completion in September, 2024. The total estimated Project Cost is \$14.92 Million and the City of Vero Beach is requesting a total of \$1.97 Million or 13.2% in grant assistance.	1,975,990
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>1,975,990</b>

### 14. Program Performance

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



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The project was identified to address a much needed problem facing many of the communities on the Barrier Island. As such the City came up with this innovative project in 2018 as a solution to an irrigation problem, which also addresses multiple core missions of the State, Water Conservation and Water Quality.

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

The FY 23-24 request will include the construction of the pipeline.

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

The Indian River Lagoon is an integral part of our community. The Lagoon has faced many challenges over the years and many agencies and organizations are working together to better understand the shift in the Indian River Lagoon's health and to identify potential solutions. One such solution that has been discussed is to reduce the total nitrogen and phosphorus loadings to the IRL. Storm water contains nutrients, such as nitrogen (N), phosphorus (P), and potassium (K). These nutrients are required by plants for normal growth and are typically applied using fertilizers. Taking advantage of the nutrients in storm water for plant use may help to reduce the amount of fertilizers used on Florida's landscapes.

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

The target area would encompass the entire Indian River County. The implementation of this project will benefit residents/customers beyond City limits. Reusing storm water in the terrestrial environment (e.g., irrigation) helps reduce environmental degradation of lakes, rivers, streams, and coastal waters. Therefore, reusing storm water, in this case canal water withdrawn from the Main Relief Canal, helps conserve potable water supplies since drinking-quality water is not used for non-drinking water purposes and reduces nutrient loading to the Indian River Lagoon.

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

The primary benefit achieved is Alternative Water Supply (AWS). The canal water currently without any treatment discharges directly into the Indian River Lagoon. This project will capture approximately 3 mgd, treat, and then transmit as a source water for irrigation purposes. By doing so, the anticipation is to reduce the withdrawals from the Upper Floridian and the Surficial Aquifers. Reusing storm water, in this case canal water withdrawn from the Main Relief Canal, helps conserve potable water supplies since drinking-quality water is not used for non-drinking water purposes. The subject project will have a secondary benefit of water quality given that approximately 3 mgd of potentially nutrient laden canal water will be withdrawn from reaching the Indian River Lagoon

**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 the contract?**

Return of the portion of any funds for which performance standards are not met or deliverables are not achieved.

**15. Requester Contact Information**

a. First Name  Last Name

b. Organization

c. E-mail Address

d. Phone Number  Ext.

**16. Recipient Contact Information**

a. Organization

b. Municipality and County

**c. Organization Type**

For Profit Entity



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- 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

#### 17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number

### Please complete the questions below for Water Projects only.

#### 18. 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

#### 19. 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

#### 20. What is the status of construction?



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21. What percentage of the construction has been completed?

10.0%

22. What is the estimated completion date of construction?

09/30/2024