



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1637

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The City is the sole provider of domestic wastewater collection and treatment to the City of Vero Beach, Indian River County's south barrier island (IRCSB) customers and the Town of Indian River Shores (TIRS). The new Water Reclamation Facility (WRF) project will include the design, permitting, construction, start-up and training services associated with a new membrane bioreactor (MBR) advanced water reclamation facility. The WRF will produce high quality reclaimed water that will be distributed to the existing reclaimed water customers via a new reclaimed water pump station and ground storage tank system to be constructed at the new location.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	1,500,000
Total State Funds Requested	1,500,000

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1,500,000	43%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	2,000,000	57%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	3,500,000	100%

8. Has this project previously received state funding?

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

9. Is future 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.

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



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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.
Airport received \$1,042,438 in CARES Act funding.

11. 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: Other		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	FY 22-23 the expenditures will only include engineering design and permitting. Subsequent three Fiscal Years will include capital costs, which will include construction and the procurement of the membranes for the new WRF, which will increase the efficiency of the biological treatment . The total estimated Project Cost is \$ 60 Million and the City of Vero Beach is requesting a total of \$6 Million or 10% in grant assistance.	1,500,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		1,500,000

12. Program Performance

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

The replacement of the existing, waterfront WWTF with a new 5.0 MGD, advanced treatment Water Reclamation Facility (WRF) located at the upland water treatment plant property, will elevate the treatment process from sea level to approximately 14 feet NAVD88. This will eliminate the potential flooding of critical infrastructure due to storm surge and will greatly reduce the risk of flooding in general and reduce the potential for untreated wastewater entering the Indian River Lagoon. Also, the new WRF treatment protocol will reduce the effluent quality to meet AWT standards, which ultimately will reduce nutrient loadings in to the Indian River Lagoon.

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

The FY 22-23 request will include the engineering design and permitting activities. Subsequent three Fiscal Years will include capital costs, which will include construction and the procurement of the membranes for the new WRF, which will increase the efficiency of the biological treatment.

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



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Improve/increase the resiliency of the existing WWTF by replacing with the new WRF will greatly reduce the risk of catastrophic failure of the treatment process, primarily due to flooding and major storm events such as hurricanes. This facility serves critical customers such as the Indian River Hospital, County Administration, City Hall & Police Dept, Fire stations, and several schools. Loss of service to and resulting back-ups of sanitary sewers to these customers can have significant health and safety impacts during hurricanes when the use of these facilities is of critical importance. Hardening the WRF against flooding reduces the risk of loss of service to these critical customers, as well as the City service area as a whole.

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

The target area would encompass the City of Vero Beach Water and Sewer Territory. The implementation of this project will benefit residents/customers beyond City limits. The City provides wastewater service to approximately 37,000 City residents, as well as 1,954 customer accounts (approximately 4,200 people) in neighboring Indian River Shores and 1,596 customer accounts (approximately 3,990 people) in Indian River County. Therefore, the project will provide multi-jurisdictional community resilience and reliability.

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

The replacement of the existing, waterfront WWTF with a new, advanced treatment WRF located at the upland water treatment plant property, will elevate the treatment process from sea level to approximately 14 feet NAVD88. This will eliminate the potential flooding of critical infrastructure due to storm surge and will greatly reduce the risk of flooding in general. This will, inherently, reduce the potential for flood waters to come into contact with untreated wastewater and migrate offsite as flooding rescinds. In non-storm events, the conversion of the existing WWTF to the advanced treatment WRF will result in the production of reclaimed water with far lower nutrient concentrations, which will benefit the marine ecosystems and waterways that receive runoff from properties irrigated with reclaimed water. Construction of the new WRF and effluent water quality sampling per FDEP requirements.

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.

13. 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."



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14. Requestor Contact Information

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

15. 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

16. Lobbyist Contact Information

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



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Please complete the questions below for Water Projects only.

17. 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

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?

Not started

20. What percentage of the construction has been completed?

0.00%

21. What is the estimated completion date of construction?

05/01/2026