



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2588

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

4. Project/Program Description

The City of Cape Coral is planning to construct a Reclaimed Water Pipeline across the Caloosahatchee River that will allow the City of Ft. Myers to reduce harmful nutrient (i.e. nitrogen, phosphorus, etc.) discharges to the Caloosahatchee River and provide beneficial reclaimed water resources to the City of Cape Coral. The City of Fort Myers South Advanced Wastewater Treatment Facility's current National Pollutant Discharge Elimination System (NPDES) permit allows the City to discharge up to 12.0 MGD per day of wastewater effluent to the Caloosahatchee River. The Reclaimed Water River Crossing Project (the Project) is approximately 8,000 feet long and is anticipated to be 24 to 30 inches in diameter suitable for a peak flow of up to 12 million gallons per day (MGD). The pipeline may be constructed under the river by utilizing horizontal direction drilling (HDD) technology, open cut or attachment to the Veterans Blvd Bridge.

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	1,750,000
Total State Funds Requested	1,750,000

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)	1,750,000	15%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	10,000,000	85%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	11,750,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2021-22	0	1,000,000		No

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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Yes

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

ARPA/CARES Act \$25,000,000.00 Infrastructure improvements Master Pump Station 100 and accompanying Force Main Transmission Lines

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		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Construction of a reclaimed water transmission main beginning at the City of Cape Coral's Everest Water Reclamation Facility (WRF) and extending east across the Caloosahatchee River to a point of interconnection located near the south side of the Mid-Point Bridge on the east side of the river in the City of Fort Myers. The project will require approximately 7,300 LF of 24" diameter or larger overland pipeline construction in the City of Cape Coral and approximately 7,500 LF of 30" diameter pipe	1,750,000
Total State Funds Requested (must equal total from question #6)		1,750,000

12. Program Performance

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

Regionally, we should all be working together to identify opportunities to improve water quality east, west, south and the north of Lake Okeechobee. Expediting local projects will increase the number of opportunities for long-term water quantity and water quality solutions. On-going coordinated actions moving us towards improved water quality are happening frequently and at all levels across the state. The City's position and ability to take the lead in the use and development of projects that support the regions goals is a priority for our community and we hope one supported by our Legislative Delegation and other partnering agencies.

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

The City of Cape Coral has a world class reclaimed water system. The system operates with water from two water reclamation facilities and five canal pump stations. These limited water sources have been severely impacted by the recurring dry season drought conditions. The water resources the City utilizes for both drinking water and reclaimed water is considered alternative water supply. The City uses poor quality brackish water and treats it with reverse osmosis plants. Cape Coral utilizes fresh water canals and treated wastewater for the separate dual piped irrigation system. The reclaimed water system includes hundreds of fire hydrants and commercial fire sprinkler systems that rely on the reclaimed water system to be continuously pressurized. The Project will provide additional reclaimed water to supplement our current reclaimed water resources and reduces the impact of being heavily reliant on the freshwater canal system during the dry season.

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



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There are four priority, direct services accompanied by more specific quantifiable objectives and priority actions relating to improving water quality, hydrology, fish and wildlife habitat, and stewardship throughout the entire Caloosahatchee River watershed.

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

City of Cape Coral and City of Fort Myers residents, lower Lee County residents (Bonita Springs & Sanibel), upper Collier County residents and lower Charlotte county residents. Approximately 500,000 to 750,000 individuals will be served.

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 is two fold and is as follows: 1) the City of Cape Coral will receive valuable reclaimed water in order to supplement the already stressed avenues that are being used. The reclaimed water system includes hundreds of fire hydrants and commercial fire sprinkler systems that rely on the reclaimed water system to be continuously pressurized. The Project will provide additional reclaimed water to supplement our current reclaimed water resources and reduce the impact of being heavily reliant on the freshwater canal system during the dry season. 2) The City of Fort Myers South Wastewater Facility's current National Pollutant Discharge Elimination System (NPDES) permit allows the City to discharge up to 12.0 MGD per day of wastewater effluent to the Caloosahatchee River. With all of the attention from last summer pertaining to blue green algae due, to releases from Lake Okeechobee, any reduction in additional pollutants into the river would be beneficial.

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?

The penalties that the City would risk would be jeopardizing any future endeavors or consideration from the State for funding. Also on a larger scale the penalties that the City would incur would be to fund this and any other effort entirely by itself. Negotiations for the return of funds if the City fails to use the funding in the manner described.

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 City of Cape Coral and the City of Fort Myers-relationship 2 separate Florida City or Local Municipalities.



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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) SFWMD AWS
- ☐ 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 ready

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

12/31/2023