



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1339

1. **Title of Project:** Cape Coral Caloosahatchee-Reclaimed Water Transmission Main

2. **Senate Sponsor:** Lizbeth Benacquisto

3. **Date of Submission:** 02/12/2019

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, ect.) 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 :** Department of Environmental Protection

State Agency Contacted? Yes

6. **Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	
Fixed Capital Outlay	15,000,000
<b>Total State Funds Requested</b>	<b>15,000,000</b>

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	15,000,000	66.67%
Federal	0	0.00%
State (excluding the amount of this request)	0	0.00%
Local	7,500,000	33.33%
Other	0	0.00%
<b>Total Project Costs for Fiscal Year 2019-2020</b>	<b>22,500,000</b>	<b>100.0%</b>

8. **Has this project previously received state funding?** Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		
2014-15		790,135	LP3601	No

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



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#### 10. 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		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Operational Costs:</b>		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	N/A	15,000,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>15,000,000</b>

#### 11. Program Performance:

**a. What is the specific purpose or goal that 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 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 are the activities and services that 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 operated 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 included 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 are the direct services to be provided to citizens by the appropriations project?**

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.



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**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 released 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 in the contract?**

If the City fails to use the funding in the manner described, we would negotiate return of funds.

**12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

The City of Cape Coral is the recipient of the funding. This project is a joint project, with an executed MOU between Cape Coral and the City of Ft. Myers.

**13. Requestor Contact Information:**

- a. **Name:** Jeff Pearson
- b. **Organization:** City of Cape Coral Utilities
- c. **E-mail Address:** jpearson@capecoral.net
- d. **Phone Number:** (239)574-0709

**14. Recipient Contact Information:**

- a. **Organization:** City of Cape Coral
- b. **County:** Lee
- c. **Organization Type:**
  - For Profit
  - Non Profit 501(c) (3)
  - Non Profit 501(c) (4)
  - Local Entity
  - University or College



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Other (Please specify)

**d. Contact Name:** Jeff Pearson

**e. E-mail Address:** jpearson@capecoral.net

**f. Phone Number:** (239)574-0709

#### 15. Lobbyist Contact Information

**a. Name:** Nick Matthews

**b. Firm Name:** Becker & Polikoff

**c. E-mail Address:** nmatthews@beckerlawyers.com

**d. Phone Number:** (813)767-7656

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

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

- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (Please describe)
- 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? Not Ready

#### 19. What percentage of construction has been completed? 0%

#### 20. What is the estimated completion date of construction? 01/15/2023