



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2587

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Install five (5) new groundwater production wells within the Upper Floridan Aquifer to provide additional capacity for ensuring adequate raw water supply to the City of Cape Coral's North Reverse Osmosis (RO) Plant Water Treatment Plant (WTP).

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

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)	1,000,000	14%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	6,200,000	86%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	7,200,000	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?

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



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ARPA/CARES Act \$25,439,699 Infrastructure improvements-Master Pump Station 100 and its 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	Well site civil, mechanical, structural, electrical, and I&C engineering; hydrogeological consulting; environmental assessments; land and easement acquisition support; well and site permitting; raw water transmission pipeline design; and construction observations services.	1,000,000
Total State Funds Requested (must equal total from question #6)		1,000,000

12. Program Performance

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

Adding five (5) additional new groundwater production wells would allow the City to maintain an adequate quantity of raw water supply to meet water production requirements for the North RO WTP, while also mitigating the impact of water quality degradation in the local Southwest Florida portion of the Upper Floridan aquifer, which benefits the entire local region.

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

The five (5) additional new groundwater production wells would allow the City to either replace existing wells with poor quality or to make up the additional lost capacity with existing wells that are now operating at reduced flows rates to decrease the rate of water quality degradation. This City's current SFWMD Water Use permit allows for up to an additional eighteen (18) wells to be installed as needed for increased raw water requirements. A study is currently underway with consulting Professional Geologists that is assisting in determining the optimum new well location sites in areas that should provide better and more consistent water quality, along with more uniform geology. Five (5) new well site areas have been identified that the consulting Professional Geologist, with a high level of confidence, believe will provide improved sustainable water quality and more uniform geology.

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

The addition of five (5) additional new groundwater production wells would allow the City to maintain an adequate quantity of raw water supply to meet water production requirements for the North RO WTP, while also mitigating the impact of water quality degradation in the local Southwest Florida portion of the Upper Floridan aquifer, which benefits the entire local region.

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

City of Cape Coral water customers.

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



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be measured?

The City has requested proposals from qualified firms for professional consulting services for the design, permitting, bidding, and construction phase services for new groundwater production wells. The City intends to install up to five (5) new groundwater production wells constructed within the Upper Floridan Aquifer for a minimum total design raw water capacity of four (4) MGD to serve the North Reverse Osmosis Water Treatment Plant. The new wells will be located on five (5) distributed sites and connected to the City's existing raw water transmission system. Professional services include but are not limited to: well site civil, mechanical, structural, electrical, and I&C engineering; hydrogeological consulting; environmental assessments; land and easement acquisition support; well and site permitting; raw water transmission pipeline design; and construction observations services.

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 funding endeavors from the State. Also on a larger scale the penalties that the city would incur would be the funding of this effort entirely by itself.

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.

City of Cape and the City of Cape Coral water customers.



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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 ready

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

12/31/2027