



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 2027

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

This initiative will provide a pilot project studying a new technique for de-watering organic sediment as it is pulled out of Florida Lakes. This technique added to the Florida Lake Manager's toolbox would be critical in knocking down what is often the last domino in improving water quality, in lake nutrients. This technique also creates an avenue to use the spoils of dredging to abate soil subsidence on agricultural lands. The pilot project would be run on Lake May in Winter Haven which is a prime test scenario.

5. **State Agency to receive requested funds**

State Agency contacted?

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

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	5,000,000
Total State Funds Requested	5,000,000

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)	5,000,000	83%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	1,000,000	17%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	6,000,000	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.**

The City does not have the resources to fund this project with potential state wide impact alone.

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.

The City received \$7,776,962 in American Rescue Plan Act (ARPA) funds applied as "lost revenue" as allowed within the program policies and directions. The funds were earmarked for four projects:

Affordable Housing Local Match: \$1,500,000
 WHRCC Project Assistance: \$4,500,000
 Fires Station #4 Project Assistance: \$1,000,000
 Community Health Project Assistance: \$776,962

In December 2022 Winter Haven received a third payment of \$30,301.46. This was added to the WHRCC project.

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)?

No

c. What is the estimated start date of construction?

02/01/24

d. What is the estimated completion date of construction?

07/01/25

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.

n/a - State waters public lake

13. 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	The funding from the state will be put towards the construction cost of the dredging and off-site haul work. The study work would be completed by the City of Winter Haven.	5,000,000
Total State Funds Requested (must equal total from question #6)		5,000,000



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14. Program Performance

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

This project will create a proof of concept use case for a new dewatering technique that can be applied to waterbodies across the state of Florida. The technique has the ability to reduce overall cost for this type of work making it a more feasible tool to Lake Manager across the state. The project will also create clear outlines for the costs and benefits associated with these types of projects giving Florida Lake Managers better estimates to use when planning projects of this nature. It may also create an avenue to abate soil subsidence on Agricultural lands. The pilot study on Lake May in Winter Haven will have direct impacts on improving water quality on that lake as well.

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

The funding will primarily be directed towards the dredging, dewatering, and hauling of organic sediment from Lake May in Winter Haven Florida. Other work to be completed by the City includes some design work and final permitting. A thorough report of the effort will be prepared that can help to inform lake managers across Florida on how to apply this tool.

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

Florida is home to more than 7,000 freshwater bodies, and most of Florida's 21+ million residents are within close proximity to one of these. A technique that can make dredging projects more efficient, less expensive, and all around more attainable can have a statewide impacts. Dredging has been recognized as a necessary tool in the lake managers toolbox, but has traditionally been cost prohibitive. This project also has the ability to help abate soil subsidence on agriculture lands. This can help Florida's agriculture continue to stay competitive in the national and global markets.

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

Most of Florida's 21+ million residents are within around a 30 minute drive to a freshwater body. As many of Florida's lakes go through Eutrophication over time, dredging is an effective tool to get a physical reduction of in lake nutrients that can be a driver of poor water quality. Dredging has traditionally been cost prohibitive and this technique could change that. It could also provide a source of usable organic matter for agricultural land owners looking to augment their soils and combat soil subsidence.

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

The expected outcome of this project is a clearly outlined case study of a new dredging technique for Florida Lakes. A thorough report would be prepared to include planning and design level concepts to be used throughout the state, financial analysis of the new technique, applicability of disposal options, and outline of ways the by product can be incorporated into a variety of agricultural operations across the State.

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?

Recognizing the exploratory nature of this project, milestones would be developed with additional funding not available until the previous milestone is successfully met.

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



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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

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)



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N/A

20. What is the status of construction?

Project is in preliminary design phase

21. What percentage of the construction has been completed?

0%

22. What is the estimated completion date of construction?

07/01/2025