



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 2172

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Remove Harmful Algal Blooms and improve water quality in Lake Bonnet to provide safe recreational areas for the general public and visitors. As an added benefit, this project will reduce nutrient discharges throughout the watershed, thus helping to prevent downstream HABs in local waterways, Tampa Bay and Gulf of Mexico.

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	925,000
Fixed Capital Outlay	0
Total State Funds Requested	925,000

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)	925,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	925,000	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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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)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

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.

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	Mobilization and demobilization of stationary Algae harvester, water treatment, and nutrient extraction system equipment and other water quality sampling supplies	785,000
Consultants/Contracted Services/Study	Technical expertise, public educational outreach, and a final report with algae harvest analytics and summary of proposed water quality solutions. Staffing for the algae harvester and water quality sampling during operations.	140,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		925,000

14. Program Performance

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

Remove Harmful Algal Blooms and improve water quality in Lake Bonnet to provide safe recreational areas for the general public and visitors. As an added benefit, this project will reduce nutrient discharges throughout the watershed, thus helping to prevent downstream HABs in local waterways, Tampa Bay and Gulf of Mexico.

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



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An innovative algae harvesting technology will be used to physically remove algae and nutrients from the water. Clean clarified water will be returned to the lake and the recovered algae will be beneficially used as a biofertilizer and/or disposed off-site at a landfill.

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

This project will reduce and prevent the formation of HABs in Lake Bonnet and will protect the general public and pets from the potential exposure to algal toxins and provide a clean and safe environment for the park.

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

Benefits all Floridians and tourists that enjoy ecofriendly tourism facilities

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

.Physical activity such as kayaking, fishing, and walking can be performed at Bonnet Springs Park (BSP) around and on the lagoon in Lake Bonnet. If Harmful Algal Blooms (HABs) are present with toxins, this poses a direct human health concern to those in the area. Removing the excess nutrients and minimizing the likelihood of HABs will allow for safe use of the area year-round.

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?

Delay in funding until deliverables are 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
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



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f. Phone Number (352)362-7712

17. Lobbyist Contact Information

a. Name None

b. Firm Name None

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) Funds were granted for infrastructure improvement, but not for water quality improvement

☐ 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)

☐ N/A

20. What is the status of construction?

Not Ready

21. What percentage of the construction has been completed?

25

22. What is the estimated completion date of construction?

07/01/2024