



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1123

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

This project includes the installation of two second generation baffle boxes with biosorption activated media to provide water quality treatment and sediment reduction for runoff entering the Indian River Lagoon. The project is the first phase of a water quality and flood prevention initiative for a 410 acre basin within the City of Melbourne. The baffle boxes will treat approximately 131 acres of commercial and residential development that was constructed prior to stormwater treatment regulations. The two baffle boxes are estimated to reduce the total nitrogen by 1,164 pounds per year and total phosphorous by 302 pounds per year. The City has partnered with Brevard County through the Save Our Indian River Lagoon program to provide matching funds for this project.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	627,500
Total State Funds Requested	627,500

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	627,500	44%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	803,300	56%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	1,430,800	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.



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Local match to come from City Stormwater Utility Fees and County Save Our Indian River Lagoon Fund.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?

Yes

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

\$989,500 through CDBG-CV and Coronavirus Relief Funds (CRF) - used to assist qualifying residents with mortgage/rental assistance, utility bill assistance, and bridge housing for at-risk homeless; \$159,000 through U.S. Dept. of Justice for police department PPE; \$323,500 through Brevard County's CARES Act funding for employee PPE, additional sanitation supplies and qualifying COVID-19 employee payroll costs.

11. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	N/A	0
Other Salary and Benefits	N/A	0
Expense/Equipment/Travel/Supplies/Other	N/A	0
Consultants/Contracted Services/Study	Costs for design and permitting are being funded by the City of Melbourne (\$175,800).	0
Operational Costs: Other		
Salary and Benefits	Costs for maintenance after construction are being funded by the City of Melbourne.	0
Expense/Equipment/Travel/Supplies/Other	N/A	0
Consultants/Contracted Services/Study	N/A	0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Construction of two second generation baffle boxes for water quality treatment. (The City and Brevard County are providing matching funds in the amount of \$627,500).	627,500
Total State Funds Requested (must equal total from question #6)		627,500

12. Program Performance

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

The two baffle boxes will provide water quality treatment and sediment reduction for 131 acres of property developed prior to stormwater treatment regulations that discharge to the Indian River Lagoon. The estimated pollutant load reduction is 1,164 pounds per year of total nitrogen and 302 pounds per year of total phosphorous. The requested funding will allow for the bidding and construction of the two new baffle boxes located between Babcock Street and the railroad south of NASA Boulevard.

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

The project is currently being designed and permitted by the City of Melbourne. The requested funding, if appropriated, will serve to fund the construction phase of the project. The City will provide match funding along with bidding services and inspection services for the construction and future maintenance of the new structures.

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



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The baffle boxes will decrease nutrient loading to the Indian River Lagoon. Reduction of pollutant loading to the Indian River Lagoon will lead to improved water quality, environmental health, recreation, and property values.

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

The reduction of nutrients serves Melbourne's population of 82,010, surrounding municipalities and unincorporated Brevard County.

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 is increased water quality and reduction of sediment into the Indian River Lagoon. The estimated pollutant load reduction is 1,164 pounds per year of total nitrogen and 302 pounds per year of total phosphorus. Reduction loads are calculated by PLSM model as adopted as part of the Indian River Lagoon Total Maximum Daily Load methodology. The outcomes will be observed through county-wide water quality testing and sea grass growth.

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 City of Melbourne contracts include a liquidated damages provision in the amount of \$500/day. These penalties are enforced when a contractor fails to complete the project within the contract time limits. If requested, this amount can be increased or decreased based upon State of Florida guidelines.

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 Melbourne is the owner of this drainage system.



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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?

Construction has not yet begun

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

6/30/2022