

LFIR # 1504

1. Project Title Palm Bay Turkey Creek Water Quality Baffle Box Projects

2. Senate Sponsor Debbie Mayfield

3. Date of Request 12/01/2021

#### 4. Project/Program Description

The City of Palm Bay requests an appropriation to support the health and restoration of Turkey Creek, a natural tributary of the Indian River Lagoon. The upcoming completion of the Turkey Creek Feasibility Study is anticipated to underscore the need for continued nutrient reduction activities, and in preparation to carry out the study's recommendations, staff is seeking funding for baffle box water quality improvement projects which will initially entail five additional baffle boxes in the Turkey Creek Basin resulting significant additional removal of nitrogen and phosphorous. The estimated total cost of the five baffle projects is estimated at +/- \$1.5 million. Staff will be seeking a legislative appropriation in the amount of \$1.2 million.

5. State Agency to receive requested funds

Department of Environmental Protection

State Agency contacted? No

#### 6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

| Type of Funding             | Amount    |
|-----------------------------|-----------|
| Operations                  | 0         |
| Fixed Capital Outlay        | 1,200,000 |
| Total State Funds Requested | 1,200,000 |

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) | 1,200,000 | 80%        |  |
| Matching Funds                                 |           |            |  |
| Federal  | 0         | 0%         |  |
| State (excluding the amount of this request)   | 0         | 0%         |  |
| Local  | 300,000   | 20%        |  |
| Other  | 0         | 0%         |  |
| Total Project Costs for Fiscal Year 2022-2023  | 1,500,000 | 100%       |  |

#### 8. Has this project previously received state funding? No

| Ν | 0 |  |
|---|---|--|
|   |   |  |

| (yyyy-yy) Recurring Nonrecurring Appropriation # | Fiscal Year | Amount    |              | Specific        | Vetoed |  |
|--|-------------|-----------|--------------|-----------------|--------|--|
|  | (уууу-уу)   | Recurring | Nonrecurring | Appropriation # |        |  |
|  |             |           |              |                 |        |  |

#### 9. Is future funding likely to be requested?

No

a. If yes, indicate nonrecurring amount per year.

| b. Describe the source of funding that can be used in lieu of state fund | ding. |
|--|-------|
|--|-------|

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.

The City has received a total of \$949,317 in direct funding under the CARES Act which has been used for housing and homeless assistance, and job creation/economic development. The City received an appropriation of \$18,008,640 under the American Rescue Plan Act of which \$9,004,932 was received in May 2022. \$649,810.86 has been allocated for the purchase of police body cameras.

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

| Spending Category   | Description  | Amount    |  |  |  |
|---|--|-----------|--|--|--|
| Administrative Costs:   |  |           |  |  |  |
| Executive Director/Project Head<br>Salary and Benefits                  |  | 0         |  |  |  |
| Other Salary and Benefits   |  | 0         |  |  |  |
| Expense/Equipment/Travel/Supplies/<br>Other                             |  | 0         |  |  |  |
| Consultants/Contracted<br>Services/Study                                |  | 0         |  |  |  |
| Operational Costs: Other  |  |           |  |  |  |
| Salary and Benefits   |  | 0         |  |  |  |
| Expense/Equipment/Travel/Supplies/<br>Other                             |  | 0         |  |  |  |
| Consultants/Contracted<br>Services/Study                                |  | 0         |  |  |  |
| Fixed Capital Construction/Major Renovation:                            |  |           |  |  |  |
| Construction/Renovation/Land/<br>Planning Engineering                   | Engineering previously completed. Re-engineering to be undertaken by the City. Project to be bid out for construction. | 1,200,000 |  |  |  |
| Total State Funds Requested (must equal total from question #6) 1,200,0 |  |           |  |  |  |

#### 12. Program Performance

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

Improve the health of the Turkey Creek and the Indian River Lagoon, wildlife habitats and fishery resources. Nitrogen, phosphorous, and sediment removal will, in the long term, improve water clarity by removal of suspended solids and nutrients that increase algae growth. Overall water quality will also be enhanced as oxygen demanding blooms are reduced. Reduction of pollutants Total Nitrogen (TN) and Total Phosphorus (TP). A portion of Turkey Creek is a designated national sanctuary used by naturalists and other environmentally conscious members of the public for kayaking, and nature observance. The Baffle boxes would improve water quality thereby improving fishery populations and increase Maritime Tourism in Palm Bay and Brevard County.

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

Invitation for construction bid and project management

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

Improved water quality in the Turkey Creek Estuary and the Indian River Lagoon.

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

N/A

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



Improve stormwater management and surface water quality. Results will improve before and after water quality of the creek and will be measured through fishery and wildlife background surveys, and continuous monitoring of nutrient and pollutant loading.

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?

There are no penalties associated with this project.

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 Palm Bay



LFIR # 1504

## 14. Requestor Contact Information

|     | a. First Name  | Britta Last Name Kellner          |  |  |  |
|-----|--|-----------------------------------|--|--|--|
|     | b. Organization  | City of Palm Bay                  |  |  |  |
|     | c. E-mail Address  | Britta.Kellner@PalmBayFlorida.org |  |  |  |
|     | d. Phone Number (321)726-2793 Ext. direct   5. Recipient Contact Information |                                   |  |  |  |
| 15. |  |                                   |  |  |  |
|     | a. Organization  | n City of Palm Bay                |  |  |  |
|     | b. Municipality and  | d County Brevard                  |  |  |  |
|     | c. Organization Ty   | уре                               |  |  |  |
|     | □For Profit Entity   |                                   |  |  |  |
|     | □Non Profit 501(c)(3)<br>□Non Profit 501(c)(4)<br>⊠Local Entity              |                                   |  |  |  |
|     |  |                                   |  |  |  |
|     |  |                                   |  |  |  |
|     | □University or Co  | University or College             |  |  |  |
|     | □Other (please sp  | specify)                          |  |  |  |
|     | d. First Name Mehul Last Name Parekh   |                                   |  |  |  |
|     | e. E-mail Address  | Mehul.Parekh@cityofpalmbay.org    |  |  |  |
|     | f. Phone Number  |                                   |  |  |  |
| 16. | 16. Lobbyist Contact Information   |                                   |  |  |  |
|     | a. Name Shawn Foster   |                                   |  |  |  |
|     | b. Firm Name   | Sunrise Consulting Group          |  |  |  |
|     | c. E-mail Address  |                                   |  |  |  |
|     | d. Phone Number  | (727)808-4131                     |  |  |  |



## 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?

Feasibility study to be completed in early 2022

### 20. What percentage of the construction has been completed?

0

### 21. What is the estimated completion date of construction?

11/30/2023