

# Appropriations Project Request - Fiscal Year 2020-21

## For projects meeting the Definition of House Rule 5.14

1. Title of Project: Melbourne Eau Gallie River Dam Replacement
2. Date of Submission: 11/12/2019
3. House Member Sponsor: Thad Altman  
Members Copied:

### 4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? No  
*If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E*
- b. What is the most recent fiscal year the project was funded?
- c. Were the funds provided in the most recent fiscal year subsequently vetoed?
- d. Complete the following Project Request Worksheet to develop your request:

| FY:                | Input Prior Year Appropriation for this project<br>for FY 2019-20<br><i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i> |                               |   | Develop New Funds Request<br>for FY 2020-21<br><i>(Requests for additional RECURRING funds are prohibited.)</i> |  |   |
|--------------------|---|-------------------------------|---|---|--|---|
| Column:            | A   | B                             | C   | D   | E                                      | F   |
| Funds Description: | Prior Year Recurring Funds  | Prior Year Nonrecurring Funds | Total Funds Appropriated<br><br><i>(Recurring plus Nonrecurring: column A + column B)</i> | Recurring Base Budget<br><br><i>(Will equal non-vetoed amounts provided in Column A)</i>                        | <b>Additional Nonrecurring Request</b> | <b>TOTAL Nonrecurring plus Recurring Base Funds</b><br><br><i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i> |
| Input Amounts:     |   |                               |   |   | 650,000                                | 650,000   |

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No
  - 5a. If yes, which state agency?
  - 5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Environmental Protection
  - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? No
  - 5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

City of Melbourne standard contractual penalties include liquidated damages (typically \$500/day) and contractor's performance bonding.

6. Requester:

- a. Name: Shannon Lewis
- b. Organization: City of Melbourne- City Manager
- c. Email: shannon.lewis@mlbfl.org
- d. Phone #: (321)608-7200

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Shannon Lewis
- b. Organization: City of Melbourne- City Manager
- c. Email: shannon.lewis@mlbfl.org
- d. Phone #: (321)608-7200

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: Jerry Sansom
- b. Firm: JHS Consulting
- c. Email: fishhawk@aol.com
- d. Phone #: (321)698-4400

9. Organization or Name of entity receiving funds:

- a. Name: City of Melbourne
- b. County (County where funds are to be expended): Brevard
- c. Service Area (Counties being served by the service(s) provided with funding): Brevard

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government
- University or College
- Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

Water quality/preservation of facility. The existing Eau Gallie River Dam is a 55-year old steel sheetpile impoundment structure that separates an upstream fresh water environment from a brackish saltwater (marine) downstream environment along the Eau Gallie River adjacent to the Indian River Lagoon. An engineering study has shown that the impoundment dam is in immediate need of replacement due to deterioration.

12. Provide specific details on how funds will be spent. (Select all that apply)

| Spending Category  | Description  | Nonrecurring<br>(Should equal 4d, Col. E) Enter "0" if<br>request is zero for the category |
|--|--|--|
| Administrative Costs:  |  |  |
| <input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits          |  |  |
| <input type="checkbox"/> b. Other Salary and Benefits                                    |  |  |
| <input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other                      |  |  |
| <input type="checkbox"/> d. Consultants/Contracted Services/Study                        |  |  |
| Operational Costs:   |  |  |
| <input type="checkbox"/> e. Salaries and Benefits  |  |  |
| <input type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other                     |  |  |
| <input type="checkbox"/> g. Consultants/Contracted Services/Study                        |  |  |
| Fixed Capital Construction/Major Renovation:   |  |  |
| <input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering | Construct new sheet pile barrier on East and West side of existing impoundment dam; dewater and backfill/encapsulate existing sheet pile structure with flowable fill or concrete. | 650,000  |

|       |  |         |
|-------|--|---------|
| TOTAL |  | 650,000 |
|-------|--|---------|

13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

14. Is the project request an information technology project?

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

Project is programmed as a Capital Improvement Project by the City of Melbourne City Council for FY 2020/21. While programmed, there is no funding. As noted above, City local funds in the amount of \$111,950 have been expended on condition studies, surveying, design and permitting services.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

Under the direction of the City of Melbourne, Frazier Engineering, Inc., of Melbourne Florida, conducted structural engineering inspection services of the existing steel sheet pile structure. The findings relayed to the City indicate a steel structure in past the point of repair with total replacement being recommended.

17. Will the requested funds be used directly for services to citizens?

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

| Benefit or Outcome   | Provide a specific measure of the benefit or outcome   | Describe the method for measuring level of benefit   |
|--|--|--|
| <input type="checkbox"/> Improve physical health   |  |  |
| <input type="checkbox"/> Improve mental health   |  |  |
| <input type="checkbox"/> Enrich cultural experience  |  |  |
| <input type="checkbox"/> Improve agricultural production/promotion/education                             |  |  |
| <input type="checkbox"/> Improve quality of education  |  |  |
| <input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality  | The existing sheet pile impoundment structure has created a separate/diverse freshwater environment within the upstream portions of the Eau Gallie River. Loss of the structure will result in loss of the majority of the freshwater environment that currently exists. | Replacement of the existing facility will leave the existing fresh/marine ecosystems undisturbed and in place. |
| <input checked="" type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.) | Many homes and properties enjoy waterfront exposure to the upstream portion of the Eau Gallie River. Loss of the impoundment structure will remove the waterfront exposure resulting in loss of property values and water access   | Replacement of the existing facility will leave the existing fresh/marine ecosystems undisturbed and in place. |
| <input type="checkbox"/> Improve transportation conditions   |  |  |
| <input checked="" type="checkbox"/> Increase or improve economic activity                                | Loss of the impoundment structure will result in the lowering of water levels in the upstream portion of the Eau Gallie River. This loss will result   | Replacement of the existing facility will maintain the existing upstream water levels.                         |

|  |   |  |
|--|---|--|
|  | in the removal of residential properties' waterfront status and the economic loss of property values.   |  |
| <input type="checkbox"/> Increase tourism  |   |  |
| <input checked="" type="checkbox"/> Create specific immediate job opportunities  | Construction of the new sheet pile impoundment structure will create employment for contractor personnel during the construction contract period.   | Daily inspection reports will document contractor personnel on site.   |
| <input type="checkbox"/> Enhance specific individual's economic self sufficiency |   |  |
| <input type="checkbox"/> Reduce recidivism                                       |   |  |
| <input type="checkbox"/> Reduce substance abuse                                  |   |  |
| <input type="checkbox"/> Divert from Criminal/Juvenile justice system            |   |  |
| <input type="checkbox"/> Improve wastewater management                           |   |  |
| <input checked="" type="checkbox"/> Improve stormwater management                | The existing sheet pile impoundment structure serves as a barrier between the upstream freshwater environment and the downstream marine environment. This in turn reduces freshwater infiltration into the Eau Gallie River/Indian River Lagoon during non-rain event periods to preserve the marine environment. | Replacement of the existing sheetpile impoundment structure preserves the existing freshwater/saltwater balance of the Eau Gallie River. |
| <input checked="" type="checkbox"/> Improve groundwater quality                  | The existing sheet pile impoundment structure was originally constructed to create a freshwater reservoir to create downward pressure to reduce saltwater intrusion into the drinking water supply for the City of Eau  | Replacement of the existing sheetpile impoundment structure preserves the existing freshwater/saltwater balance of the groundwater.      |

|   |   |   |
|---|---|---|
|   | Gallie. Although the water supply source has been relocated to another location the level of salt in the groundwater supply is important to the local citizens of the area for irrigation systems and quality of life.                |   |
| <input type="checkbox"/> Improve drinking water quality           |   |   |
| <input checked="" type="checkbox"/> Improve surface water quality | The construction of the sheet pile impoundment structure has created an upstream freshwater ecosystem that is enjoyed by the Citizens of Melbourne. The failure of the structure will result in the loss of the freshwater ecosystem. | Replacement of the existing sheet pile impoundment structure preserves the existing freshwater/saltwater balance of the Eau Gallie River. |
| <input type="checkbox"/> Other (Please describe):                 |   |   |

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

| Type of Funding  | Amount         | Percent of Total | Are the other sources of funds guaranteed in writing? |
|--|----------------|------------------|---|
| 1. Amount Requested from the State in this Appropriations Project Request: | 650,000        | 85.3%            | N/A   |
| 2. Federal:  | 0              | 0.0%             | No  |
| 3. State: (Excluding the requested Total Amount in #4d, Column F)          | 0              | 0.0%             | No  |
| 4. Local:  | 111,950        | 14.7%            | Yes   |
| 5. Other:  | 0              | 0.0%             | No  |
| <b>TOTAL</b>   | <b>761,950</b> | <b>100%</b>      |   |

20. Is this a multi-year project requiring funding from the state for more than one year?

No

21. What is the revenue source of ongoing operating funds?

General Fund - City of Melbourne

22. Has local approval been given for ongoing operating funds?

Yes

23. Have you applied for alternative state funding?

- a. Wastewater Revolving Loan
- b. Drinking Water Revolving Loan
- c. Small Community Wastewater Treatment Grant
- d. Other (Please describe)
- e. N/A

24. Has project been addressed in a local, regional, or state plan?

Yes

24a. If Yes, insert plan name and cite page numbers.

City of Melbourne Capital Improvement Project Schedule FY 2020-21.

25. Is the project for a financially disadvantaged community? (as defined in Chapter 62-552, F.A.C.)

No

26. What is the population economic status?

- a. Financially Disadvantaged Municipality
- b. Rural Area of Critical Economic Concern
- c. Rural Community Experiencing Economic Distress
- d. N/A

27. What is the status of planning?

- a. Ready
- b. Not Ready

28. What percentage of the planning process has been completed?

100%

29. What is the estimated planning completion date?

7/1/2019

30. What is the status of design?

a. Ready

b. Not Ready

31. What percentage of design has been completed?

50%

32. What is the estimated design completion date?

1/1/2020

33. List all required permits.

St. John's River Water Management District, Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Army Corps of Engineers, United States Coast Guard, City of Melbourne Code Compliance. Permits are anticipated to be received in February 2020.

34. What is the status of permitting?

a. Planned

b. Submitted

c. Received

35. What is the status of construction?

a. Ready

b. Not Ready

36. What percentage of construction has been completed?

0%

37. What is the estimated completion date of construction?

9/30/2022