



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2584

1. Project Title Sanibel - Sanibel Slough Dredging and Muck Removal

2. Senate Sponsor Kathleen Passidomo

3. Date of Request 01/25/2022

4. Project/Program Description

This proposal is to complete project design and dredging of approximately 1,100 linear feet of the Sanibel Slough between Elinor Road and Beach Road to improve water quality, stormwater runoff storage, and reduce surface water flooding associated with storm events. The project will remove approximately 5,000 cubic yards of material from the slough bottom, including legacy nutrients stored within. This project will also provide greater operational flexibility to minimize high-nutrient discharges from the Sanibel Slough into San Carlos Bay, a waterbody "verified impaired" by FDEP.

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 | 100,000 |
| Total State Funds Requested | 100,000 |

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) | 100,000 | 13% |
| Matching Funds | | |
| Federal | 0 | 0% |
| State (excluding the amount of this request) | 503,250 | 65% |
| Local | 167,750 | 22% |
| Other | 0 | 0% |
| Total Project Costs for Fiscal Year 2022-2023 | 771,000 | 100% |

8. Has this project previously received state funding? No

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

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 funding.

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

Yes



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Fiscal Year 2022-2023

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

The City of Sanibel received \$438,140.41 through LeeCARES for COVID related expenses. The funds were spent as follows: \$308,253.33 (payroll); \$60,975.00 (legal); \$68,912.08 (operating) Operating costs included fees for signage, PPE, COVID testing, etc.

The City of Sanibel has received \$1.8 million in ARPA funds on November 2, 2021. At present, city staff is consulting with its auditor to determine how those funds may be expended.

11. 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 | Dredging of approximately 1,100 linear feet of the Sanibel Slough to improve stormwater runoff storage and reduce surface water flooding associated with storm events. The project will remove approximately 5,000 cubic yards of material from the slough bottom, including legacy nutrients stored within. This project will also provide greater operational flexibility to minimize high-nutrient discharges from the Sanibel Slough into San Carlos Bay, a waterbody "verified impaired" by FDEP. | 100,000 |
| Total State Funds Requested (must equal total from question #6) | | 100,000 |

12. Program Performance

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

The project will remove approximately 5,000 cubic yards of material from the slough bottom, including legacy nutrients stored within. This project will also provide greater operational flexibility to minimize high-nutrient discharges from the Sanibel Slough into San Carlos Bay. Water quality in the Sanibel Slough is considered "impaired" by the Florida Department of Environmental Protection due to elevated nutrient concentrations (i.e., nitrogen and phosphorus) and low dissolved oxygen. Nitrogen and phosphorus originating from septic tanks, stormwater runoff from lawns, landscapes, golf courses and roadways, and municipal reuse water used for irrigation have contributed to this impairment. TMDL's were established for both the east and the west basins of the Sanibel Slough by the State of Florida in 2017. Removal of legacy nutrients stored within the muck layer of the Sanibel Slough will improve compliance with the TMDL and improve habitat conditions for wildlife and marine resources

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

Dredging of approximately 1,100 linear feet (5000 cubic yards) of the Sanibel Slough.

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



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2584

The Sanibel Slough serves as the primary stormwater conveyance system for the western two-thirds of Sanibel Island and is divided into two separate drainage basins. Both basins provide capacity for stormwater runoff consistent with the City of Sanibel Stormwater Master Plan. Dredging approximately 1,100 linear feet (5,000 cubic yards) of the Sanibel Slough in the east basin would result in reductions in head loss and reduced water levels, increasing stormwater storage and providing greater operational flexibility. Additionally, removal of nutrient-rich muck is anticipated to result in significant water quality improvements in the Slough and reduce nutrient loading to the waterbodies receiving discharges from the Sanibel Slough.

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

Improved water quality within the slough and improved health of water bodies receiving discharges from the slough benefit the larger community as a whole.

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

Removal of legacy nutrients stored within the muck layer of the Sanibel Slough improving compliance with the TMDL. Increased stormwater storage and greater operational flexibility to reduce high-nutrient discharges from the Sanibel Slough into San Carlos Bay. Enhanced and improved wildlife and marine habitat.

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?

Funding reimbursement may be withheld.

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 Sanibel, Local Government



The Florida Senate

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LFIR # 2584

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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Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2584

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) Hazard Mitigation Grant Program
- ☐ 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?

Not ready

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

May 31, 2023