



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1566

1. **Project Title** Florida Tech - Restore Lagoon Inflow Research Project2. **Senate Sponsor** Debbie Mayfield3. **Date of Request** 11/25/20194. **Project/Program Description**

The Florida Tech Indian River Lagoon Research Institute will continue work on solutions for improving water quality in the Indian River Lagoon (IRL) with the second phase of a multi-phase pilot project to investigate the impacts of restoring periodic historical ocean inflows to the IRL. The second phase will support comparative studies and selection of a test site, design of a temporary test inflow system with associated permitting, and preliminary design of a site compatible inflow system.

5. **State Agency to receive requested funds** Department of EducationState Agency contacted? ☒ Yes ☐ No6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	912,500
Fixed Capital Outlay	000
Total State Funds Requested	912,500

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	912500	100.0 %
Matching Funds		
Federal	00	0 %
State (excluding the amount of this request)	00	0 %
Local	00	0 %
Other	00	0 %
Total Project Costs for Fiscal Year 2020-2021	912,500	100 %

8. **Has this project previously received state funding?** ☒ Yes ☐ No

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2019-20	00	800,000	66	No

9. **Is future-year funding likely to be requested?** ☒ Yes ☐ No

If yes, indicate nonrecurring amount per year. 1,900,000



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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Analysis tools, Watercraft utilization, travel and expenses associated with accessing and implementing lagoon and coastal study sites.	319,375
Consultants/Contracted Services/Study	Planning and performing of studies; monitoring and modeling of study sites; planning and permitting applications temporary site.	593,125
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		912,500



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11. Program Performance

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

Evaluate the feasibility and desirability of restoring measured historic tidal inflows into the IRL. Comparative analysis, selection and permitting application of a test site. Preliminary design of feasible site compatible structure.

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

Phase II of the multi-phase project will finalize comparative environmental Phase 1 data, and support the selection of a test site with associated permitting for placement of a temporary inflow test structure. (Phase III)

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

Citizens will benefit from the indirect services of the RLI Research project by the investigative and discovery efforts of Florida Tech in support of the restoration of the Indian River Lagoon ecosystem.

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

The target population served by the data gained from the Restore Lagoon Inflow Research Project is the general public in the Brevard (app. 600,000) and Indian River County (app. 160,000) areas as well as the entire citizenry of the state of Florida (app. 22 million).

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

The feasibility and desirability of restoring measured historic tidal inflows into the Indian river Lagoon as a partial solution to water quality issues. Comparative analysis, site selection, permitting application and outreach supporting a temporary inflow test site. Preliminary design of feasible site compatible structure.

- 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 in the contract?

Standard contract conditions.



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12. **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.**

Florida Tech will not receive, directly or indirectly, any fixed capital outlay funding.

13. **Requestor Contact Information**

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. **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

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.