



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1510

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. **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 third phase of a multi-phase pilot project to investigate the intervention impacts of restoring periodic historical ocean inflows to the IRL. The third phase will support comparative research, continued monitoring, and later stage design of a temporary test inflow system with associated permitting in coordination with FDEP.

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	921,500
Fixed Capital Outlay	0
Total State Funds Requested	921,500

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)	921,500	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	921,500	100%

8. **Has this project previously received state funding?**

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2020-21	0	800,000	65B	No

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

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



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Florida Tech received a total of \$3,607,645 in federal assistance related to the COVID-19 pandemic which was distributed to students for student aid, meals and housing, and COVID safety precaution expenses.

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	Analysis tools, watercraft utilization, travel and expenses associated with accessing and implementing lagoon and coastal study sites.	276,450
Consultants/Contracted Services/Study	Planning, integration, performing of studies; monitoring and modeling of study site; design and permitting applications temporary inflow site.	645,050
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		0
Total State Funds Requested (must equal total from question #6)		921,500

12. 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. Continuing monitoring and research, continued stakeholder outreach and permitting application process for potential test site. Later stage design of feasible test site compatible structure in coordination with FDEP.

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

Phase III of the multi-phase project will integrate comparative environmental Phase 1 and II data, address required research requirements by permitting agencies, and support the design with associated permitting for placement of a temporary inflow test structure. (Phase IV) Continue strategic stakeholder action as cited in the NEP IRL CCMP https://onelagoon.org/wp-content/uploads/IRLNEP_Final-Draft-CCMP-REVISION_2018-12-07_LowRes_20200204.pdf Page 83.

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 coordination with primary lagoon stakeholders 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?



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The feasibility and desirability of restoring measured historic tidal inflows into the Indian River Lagoon as a partial intervention solution to water quality issues. Comparative analysis, continued monitoring, permitting application process, and outreach supporting a temporary inflow test site. Later stage design and applicant for a 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 the contract?

Standard contract conditions.

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.

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



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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