



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1528

1. Title of Project: Florida Tech - Restore Lagoon Inflow Research

2. Senate Sponsor: Debbie Mayfield

3. Date of Submission: 02/13/2019

4. Project/Program Description:

Researchers with the Florida Tech Indian River Lagoon Institute will continue their work on solutions for improving water quality in the Indian River Lagoon with an initial phase of a pilot project to investigate the impacts of restoring periodic historical ocean inflows to the IRL. This first phase of the study will gather baseline data on existing water quality, biological parameters and hydrologic conditions at one or more potential locations for future Phase II test structures which will add measured ocean inflows to the Indian River Lagoon.

5. State Agency to receive requested funds : Department of Environmental Protection

State Agency Contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2019-2020

Type of Funding	Amount
Operations	932,437
Fixed Capital Outlay	
Total State Funds Requested	932,437

7. Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	932,437	100.0%
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	0	0.0%
Other	0	0.0%
Total Project Costs for Fiscal Year 2019-2020	932,437	100.0%

8. Has this project previously received state funding? No

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

9. Is future-year funding likely to be requested? Yes

a. If yes, indicate non-recurring amount per year. 1400000

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



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1528

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:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Sensors, watercraft utilization, travel and expenses associated with accessing and implementing lagoon and coastal study sites.	354,008
Consultants/Contracted Services/Study	Planning and performing of studies as well as monitoring and modeling of lagoon and coastal study sites.	578,429
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		932,437

11. Program Performance:

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

This first phase of the study will gather baseline data on existing water quality, biological parameters and hydrologic conditions at one or more potential locations for future test structures (phase II) which will add measured ocean inflows to the Indian River Lagoon. The Phase 1 baseline data will allow evaluation of the environmental desirability of restoring periodic historic water flow against data gained from a future Phase II test structure.

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

Planning and performing of studies as well as monitoring and modeling of lagoon and coastal study sites. Sensors, watercraft utilization, travel and expenses associated with accessing and implementing lagoon and coastal study sites.

c. What are the direct services to be provided to citizens by the appropriations project?

N/A

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?

Phase I of this project will establish baseline environmental data on potential location(s) in the IRL for placement of inflow test structures (Phase II) to evaluate the feasibility and desirability of restoring measured historic tidal inflows into the IRL from the Atlantic Ocean.



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1528

- 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

12. **The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

N/A

13. **Requestor Contact Information:**

- a. **Name:** Robert Salonen
- b. **Organization:** Florida Institute of Technology
- c. **E-mail Address:** rsalonen@fit.edu
- d. **Phone Number:** (321)501-1900

14. **Recipient Contact Information:**

- a. **Organization:** Florida Institute of Technology
- b. **County:** Brevard
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify)
- d. **Contact Name:** Robert Salonen
- e. **E-mail Address:** rsalonen@fit.edu
- f. **Phone Number:** (321)501-1900

15. **Lobbyist Contact Information**

- a. **Name:** Cari L. Roth
- b. **Firm Name:** Dean Mead
- c. **E-mail Address:** CRoth@deanmead.com
- d. **Phone Number:** (850)591-1094