



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1948

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

4. **Project/Program Description**

To improve environmental response to threats by creating an advanced and nimble assessment and monitoring system, increasing the density of monitoring tools using advanced technology; model data to develop predictive modeling that can be applied to assess threats to ecosystem and coastal residents and develop a forecasting system.

5. **State Agency to receive requested funds**
- State Agency contacted? Yes No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input style="width: 80%;" type="text" value="1,100,000"/>
Fixed Capital Outlay	<input style="width: 80%;" type="text" value="000"/>
Total State Funds Requested	1,100,000

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)	<input style="width: 80%;" type="text" value="1100000"/>	<input style="width: 80%;" type="text" value="52.0"/> %
Matching Funds		
Federal	<input style="width: 80%;" type="text" value="430,000"/>	<input style="width: 80%;" type="text" value="20"/> %
State (excluding the amount of this request)	<input style="width: 80%;" type="text" value="300,000"/>	<input style="width: 80%;" type="text" value="14"/> %
Local	<input style="width: 80%;" type="text" value="310,000"/>	<input style="width: 80%;" type="text" value="14"/> %
Other	<input style="width: 80%;" type="text" value="00"/>	<input style="width: 80%;" type="text" value="0"/> %
Total Project Costs for Fiscal Year 2020-2021	2,140,000	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		
<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	No

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

If yes, indicate nonrecurring amount per year.



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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		<input type="text"/>
Other Salary and Benefits		<input type="text"/>
Expense/Equipment/Travel/Supplies/Other		<input type="text"/>
Consultants/Contracted Services/Study		<input type="text"/>
Operational Costs: Other		
Salary and Benefits	2 Site Operations coordinator, 3 technicians, portion of communication staff (~10%)	289,665
Expense/Equipment/Travel/Supplies/Other	Research vessel, \$167,500; Data Sondes and Sensor Platforms, \$600,000; Boat time, \$20,000; Travel, \$22,835	810,335
Consultants/Contracted Services/Study		<input type="text"/>
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		<input type="text"/>
Total State Funds Requested (must equal total from question #6)		1,100,000



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11. Program Performance

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

Improved environmental response to threats through the use of monitoring tools and advanced technology (creation of iCoast). Systems will capture data that will be used to develop a predictive model that can be applied to assess threats to ecosystem and coastal residents. Development a forecasting system.

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

Establishment of technology and advanced sentinel sensor arrays in the Matanzas Basin and Indian River Lagoon; Data collection; measuring harmful organism using eDNA to predict presence and concentration of harmful organisms; measuring economic indicators to determine if the economic activity has improved with knowledge and response

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

Public data that can be used to improve coastal communities and waterways.

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

University/ college students, residents, tourists, decision makers and individuals connected to coastal communities. More than 800.

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

Enhanced and improved environment through the establishment and placement of iCoast in the Matanzas Basin and Indian River Lagoon. Data will be tracked and published for public use. Potential to increase economic activity if environmental and water quality improves. Economic data will be tracked.

- 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?

Return of the portion of any funds for which performance standards are not met or deliverables are not achieved.



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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.**

n/a

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.