



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2024-2025

LFIR # 2827

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The requested funds aim to support a critical research initiative focused on Wakulla Spring in north Florida, addressing its declining water quality. The goal is to precisely identify and understand the sources of nutrient additions impacting the aquifer and groundwater, using chemical and molecular markers. The research's ultimate objective is to inform targeted remediation strategies and enhance predictive modeling for water management in the region.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2024-2025

Type of Funding	Amount
Operations	500,000
Fixed Capital Outlay	0
<b>Total State Funds Requested</b>	<b>500,000</b>

7. Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	500,000	100%
<b>Matching Funds</b>		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
<b>Total Project Costs for Fiscal Year 2024-2025</b>	<b>500,000</b>	<b>100%</b>

8. Has this project previously received state funding?

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

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.

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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Revenue: \$69.5M Direct Student Aid and \$85.2M Institutional Support. Expenses: 1) \$69.5M Direct Student Aid; 2) \$85.2M Campus Operations: \$57.2M-Lost revenues in campus auxiliaries; \$8.7M-Campus health/safety; \$8.2M-Reimbursements for housing/study abroad/meal plans; \$1.0M-IT infrastructure and equipment for remote/distance learning; \$0.4M Off-campus quarantine housing; \$9.7M-Other operating costs

## Complete questions 11 and 12 for Fixed Capital Outlay Projects

### 11. Status of Construction

a. What is the current phase of the project?

- Planning
  Design
  Construction
  N/A

b. Is the project "shovel ready" (i.e permitted)?

No

c. What is the estimated start date of construction?

Unknown

d. What is the estimated completion date of construction?

Unknown

12. List 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.

FSU/Wakulla

### 13. Details on how the requested state funds will be expended

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Operational Costs: Other</b>		
Salary and Benefits	The allocated funds for salaries will support a dedicated research team comprising one post-doctoral researcher, one senior technician, and two additional technicians. These personnel will play key roles in sample collection, processing, and analysis, utilizing their expertise in molecular techniques and hydrological monitoring	310,000
Expense/Equipment/Travel/Supplies/Other	The funds allocated for expenses includes the acquisition of molecular analysis equipment, such as chemicals, glassware, and hydrological monitors, essential for processing samples and conducting detailed analyses (172k). Additionally, funds will cover travel expenses for fieldwork, utilizing trucks and small boats as needed (8k), along with providing necessary field and lab supplies (10k).	190,000
Consultants/Contracted Services/Study		0
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering		0
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>500,000</b>



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**14. Program Performance**

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

The objective is to accurately identify and comprehend the origins of nutrient additions influencing the aquifer and groundwater by employing chemical and molecular markers.

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

The University will use the funds to support activities such as comprehensive water sampling, molecular analysis, and hydrological monitoring, as well as the provision of personnel and equipment necessary for identifying and addressing nutrient sources, ultimately working towards improving water quality at Wakulla Spring.

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

Florida State University Coastal and Marine Lab students will experience a tangible enhancement in the quality of their education, gaining valuable firsthand experience through active involvement in the project.

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

The funding requested will directly benefit citizens by supporting research activities focused on identifying and remediating nutrient sources impacting Wakulla Spring's water quality, safeguarding the region's economy, preserving property values, and ensuring the long-term health of the aquatic ecosystem.

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

Qualitative assessments, such as observed changes in the diversity and abundance of fish and wildlife populations in and around Wakulla Spring, will contribute to evaluating the overall success and impact of the remediation efforts.

**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?**

Revert state appropriation and withhold future funding towards this initiative.

**15. Requester Contact Information**

**a. First Name**  **Last Name**

**b. Organization**

**c. E-mail Address**

**d. Phone Number**  **Ext.**

**16. 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



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University or College

Other (please specify)

d. First Name  Last Name

e. E-mail Address

f. Phone Number

#### 17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number