



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 1311

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

The goal is to enhance STEM science labs to provide advanced learning in STEM education and create a continuous STEM-ready workforce pipeline. As noted in U.S. Department of Defense Fiscal Year 2020 Industrial Capabilities Report to Congress, "today's [STEM] education pipeline is not providing the necessary resources to fully meet the demand from commercial and defense sectors, and resources required to meet future demands continue to grow. Full STEM Forward will ensure an equipped STEM workforce.

5. **State Agency to receive requested funds**

State Agency contacted? No

6. **Amount of the Nonrecurring Request for Fiscal Year 2023-2024**

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	2,000,000
Total State Funds Requested	2,000,000

7. **Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	2,000,000	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 2023-2024	2,000,000	100%

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

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

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

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?**

Yes



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

Miami Dade College received federal assistance related to the COVID-19 pandemic to assist students with technology related resources for remote learning, financial assistance, sanitizing efforts, student services support, among others.

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

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

No

c. What is the estimated start date of construction?

Q1 2024

d. What is the estimated completion date of construction?

Q4 2024

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.

District Board of Trustees for Miami Dade College.

13. 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	Science lab equipment that may include, but not limited to, the following: autoclaves, hoods, logic analyzers, scientific & engineering software (MATLAB, ORCAD, MS Visual Studio, and VMware), PCB prototyping & testing equipment, IC fabrication equipment, gas chromatography equipment, spectrometers, plate readers, washers, analyzers, 3-D printers, digital microscopes w/ HDMI recording abilities, climate chambers, lab freezers	800,000
Consultants/Contracted Services/Study	Other Professional Services, Renderings, Permit & Inspection Services, Pre Construction Services	105,000
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	Science Lab Enhancements	1,095,000
Total State Funds Requested (must equal total from question #6)		2,000,000

14. Program Performance

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



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

Build out and renovation of existing science lab facilities; purchase and installation of industry-recognized, advanced scientific equipment - allowing for students to gain hands-on, project-based experience in labs that resemble those in workforce settings and on equipment that matches that is used by leading employers in the STEM workforce.

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

STEM labs and tools for hands-on workforce training and experiences, hands-on experiential learning and career exploration. Students will be able to earn stackable credentials (industry certifications, college credit certificates and associate degrees).

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

Middle school and high school students. Economically disadvantaged persons. Opportunity for up skill or career transitions. At least 800+.

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

of students accessing hands-on, project-based learning in revitalized, workforce-focused STEM labs which will be measured by course enrollment.
 # of courses/course sections integrating use of revitalized, workforce-focused STEM labs, measured by course sections
 workforce demands met in the sciences, measured by increased employability

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, including release of funds based on progress toward attaining established enrollment milestones.
 Penalties could include: return of funds or percentage based scale back on funding if key milestones are met by agreed upon timelines.

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



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- 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

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number