



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 1420

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

4. Project/Program Description

Funds are requested to support construction of 4 STEM Workforce Development Laboratories at the new Mote SEA. This state-of-the-art STEM infrastructure will provide intensive experiential basic & applied research training opportunities for high schoolers & undergraduates with emphasis on broadening participation of underrepresented minorities in STEM fields leveraging Mote's NSF-sponsored Center of Excellence.

5. State Agency to receive requested funds
- State Agency contacted?

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

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	5,000,000
Total State Funds Requested	5,000,000

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)	5,000,000	62%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	3,000,000	38%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	8,000,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2022-23	0	5,000,000	109	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.

Competitive federal or non-governmental grants and requests for philanthropic donations will partially cover costs.

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



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

\$2,318,359 for employee salaries and benefits

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)?

Yes

c. What is the estimated start date of construction?

April 22, 2021

d. What is the estimated completion date of construction?

December 31, 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.

Mote Marine Laboratory

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		0
Consultants/Contracted Services/Study		0
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	Funds will be used for the construction of state-of-the-art STEM laboratory infrastructure required to house and optimally conduct diverse intensive undergraduate & high school internship programs, designed and executed by Mote staff to optimize students' acquisition of required skills to enter the STEM workforce and succeed as the next generation of scientists, technicians and engineers.	5,000,000
Total State Funds Requested (must equal total from question #6)		5,000,000

14. Program Performance

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



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Funds are requested to support construction of 4 STEM Workforce Development Laboratories at the new Mote SEA, a nexus location within 60 minutes driving access for >5 million FL residents. This state-of-the-art STEM infrastructure will provide intensive experiential basic & applied research training opportunities for high schoolers & undergraduates with emphasis on broadening participation of underrepresented minorities in STEM fields leveraging Mote's NSF-sponsored Center of Excellence.

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

The proposed 4 STEM Workforce Development Laboratories at Mote SEA will provide state of the art research experiences facilities in which Mote scientists will inspire and provide hands on training for undergraduates. Through a variety of intensive internship programs, these students will acquire the necessary skills to enter the STEM workforce as the next generation of scientists and technicians.

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

Provide undergraduates & high schoolers from local FL communities w/ the ability to learn & practice advanced research & innovative technical skills essential for next generation STEM workforce in diverse fields of Florida's growing blue economy (i.e., biomedical, robotics/AI, sustainable aquaculture, fisheries, engineering, microbiology, chemistry, etc.)

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

All Florida high school, university, college & technology students, w/ emphasis on under represented minority students.

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

Undergraduate & high school students will work in cohorts to gain experiential hands on research skills in their diverse STEM fields under the mentorship of Mote PhD scientist or Research Program Manager faculty, alongside other professional science and engineering staff. Activities include applied science-based conservation, restoration and environmental sustainability actions and promote improved environmental and STEM literacy to positively impact Florida's environment. Outcomes will be measured by a variety of metrics including number of students who participate in the Mote STEM workforce development programs, increased STEM competencies of students, opportunity to participate in periodic events for STEM professional development, networking and community-building.

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?

Quarterly reimbursable funding via a DOE agreement could be withheld on proportional basis for STEM teaching laboratories construction deliverables not achieved.

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)



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- 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