



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1951

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Construction of 3 K-12 STEM Education Teaching Laboratories at the new Mote Science Education Aquarium (SEA), a nexus location within 60 minutes driving access for over 3 million Florida residents. The STEM Teaching Laboratories will afford unparalleled hands-on experiential learning opportunities that will address STEM education deficiencies and inequities for ~70,000 K-12 students annually, including ~24,000 Title I students.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

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 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	5,000,000	71%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	2,000,000	29%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	7,000,000	100%

8. Has this project previously received state funding?

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2020-21	0	1,500,000	114	Yes

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

11. 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 teaching laboratory infrastructure required to house and optimally conduct K-12 STEM learning experiences in biomedical, microbiology, immunology, ocean engineering/technology, robotics, sensor development, artificial intelligence programming, chemistry, fisheries, marine & coastal ecology at the new Mote Science Education Aquarium.	5,000,000
Total State Funds Requested (must equal total from question #6)		5,000,000

12. Program Performance

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

Funds are requested to support the construction implementation of 3 K-12 STEM Education Teaching Laboratories at the new Mote SEA, a nexus location within 60 minutes driving access for over 3 million Florida residents. The STEM Teaching Laboratories will afford unparalleled hands-on experiential learning opportunities that will address STEM education deficiencies and inequities for ~70,000 K-12 students annually, including ~24,000 Title I students.

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

Working closely with Manatee and Sarasota County School administrators & educators to develop curriculum that builds upon the in-school learning, these 3 STEM Teaching Laboratories are focused on a broad areas of: Biomedical, Immunology, Microbiology, Marine Ecology, Ocean Technology, Robotics, AI, etc. with all classes taught by a professional Mote educator and Mote's world class scientists.

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

Mote will provide opportunities for every K-12 school in our region to utilize these advanced technology STEM teaching labs at no cost, so that no child will be left behind in the chance to discover marine science and technology, first-hand. Each program will utilize these STEM Teaching Labs for student development of critical thinking, creativity, collaboration and effective communication skills.

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

The target population are grade school and high school students throughout west central Florida. Anticipated number of students served annually is ~ 70,000 K12 students, including ~ 24,000 Title I students.

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



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Project will increase participants' STEM content knowledge and applied STEM-related skills, including: problem solving, working in teams, thinking critically, approaching challenges creatively, and applying new information. Results will also include increase positive feelings toward STEM. Outcomes will be measured by a variety of metrics including number of students who participate in the Mote STEM education programs, and increased STEM competencies of students.

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 could be withheld on a proportional basis for STEM teaching laboratories construction deliverables not achieved in the following manner: structural concrete, HVAC, resilient epoxy flooring, interior windows/glass doors, & exterior impact resistant windows/doors constitute 35% funding; IT networking, lighting, CCTV security camera & digital access control w/ card access constitute 30% funding; seawater, filtered & RO freshwater systems constitute 35% funding.

13. 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 is the owner of the facility.



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14. Requestor Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

15. 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

16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number