



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1952

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Funds are requested to support the construction of 4 STEM workforce development laboratories at the new Mote SEA, a nexus location within 60 minutes driving access for more than 3,000,000 Florida residents. This state-of-the-art STEM infrastructure will provide intensive experiential basic and applied research training opportunities for undergraduates with emphasis on broadening participation of under represented minorities in STEM fields leveraging Mote's NSF-sponsored Louis Stokes Alliance for Minority Participation (LSAMP) Center of Excellence.

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	2,000,000	2279A	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.

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.

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 laboratory infrastructure required to house and optimally conduct diverse intensive undergraduate internship programs, designed and executed by Mote staff to optimize students' acquisition of required skills to enter the workforce and succeed as the next generation of scientists.	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 of 4 STEM workforce development laboratories at the new Mote SEA, a nexus location within 60 minutes driving access for more than 3,000,000 Florida residents. This state-of-the-art STEM infrastructure will provide intensive experiential basic and applied research training opportunities for undergraduates with emphasis on broadening participation of under represented minorities in STEM fields leveraging Mote's NSF-sponsored LSAMP 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?

These labs will provide undergraduates with the ability to learn and practice advanced research skills for scientific discovery across diverse research disciplines, along with innovative techniques Mote staff have developed to raise and propagate a growing array of aquatic animals and plants for restoration, stock enhancement, and food production, as well to provide exceptional veterinary services to a diversity of animals.

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



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Undergraduate students will gain direct experiential research skills in diverse STEM fields under the mentorship of Mote faculty, alongside other professional science staff, and other undergraduate interns. While open to all undergraduate students, an emphasis will be to ensure significant inclusion of under-represented minorities in STEM fields. As a result of gaining an increased understanding of and direct experience with research strategies and STEM laboratory technical skills, it is expected that over 100 students per year who participate in the Mote STEM workforce development programs will secure STEM related employment and/or graduate school acceptance each year.

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

The Mote SEA construction phase is projected to benefit Florida's economy by producing \$280,000,000 of direct and indirect expenditures. Beyond the one-time benefits of new construction, the Mote SEA will support a total of over 260 direct and indirect jobs and provide approximately \$28,000,000 in annual economic benefits. In addition, outcomes will be measured by a variety of metrics including number of students who participate in the Mote STEM Workforce Development programs, employment and/or graduate school acceptance, as well as increased understanding of research strategies & STEM laboratory technical skills. Mote will use both in-house and third-party, independent consultants to evaluate the impacts and success.

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 proportional basis for STEM teaching laboratories construction deliverables not achieved in the following manner: structural concrete, HVAC, resilient epoxy flooring, interior windows/glass doors, and high/low voltage electrical constitute 35% funding; IT networking, lighting, CCTV security camera, and digital access control with card access constitute 30% funding; seawater, filtered, and RO freshwater systems with fiberglass tanks 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