

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Mote Marine Laboratory STEM Education

2. Date of Submission: 11/12/2019

3. House Member Sponsor: Tommy Gregory

Members Copied:

4. DETAILS OF AMOUNT REQUESTED:

- Has funding been provided in a previous state budget for this activity? No
If answer to 4a is "No" skip 4b and 4c and proceed to 4d, Col. E
- What is the most recent fiscal year the project was funded?
- Were the funds provided in the most recent fiscal year subsequently vetoed?
- Complete the following Project Request Worksheet to develop your request:

| FY: | Input Prior Year Appropriation for this project for FY 2019-20 <i>(If appropriated in 2019-20 enter the appropriated amount, even if vetoed.)</i> | | | Develop New Funds Request for FY 2020-21 <i>(Requests for additional RECURRING funds are prohibited.)</i> | | |
|--------------------|---|-------------------------------------|--|---|--|---|
| | Column: A | B | C | D | E | F |
| Funds Description: | Prior Year Recurring Funds | Prior Year Nonrecurring Funds | Total Funds Appropriated <i>(Recurring plus Nonrecurring: column A + column B)</i> | Recurring Base Budget <i>(Will equal non- vetoed amounts provided in Column A)</i> | Additional Nonrecurring Request | TOTAL Nonrecurring plus Recurring Base Funds <i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i> |
| Input Amounts: | | | | | 5,000,000 | 5,000,000 |

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2020-21? No

5a. If yes, which state agency?

5b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested? Department of Education

5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? No

5d. Describe penalties for failing to meet deliverables or performance measures which the agency should provide in its contract to administer the funding if appropriated.

Quarterly reimbursable funding could be withheld on a proportional basis for annual student participation level deliverables not achieved in the following manner: annual participation of ~25,000 k-12 students in at least one of over 40 Mote STEM education programs constitutes 50% funding, ~70,000 k-12 students in Mote's informal science education programs constitutes 30% funding, and ~200 high school and undergraduate students in STEM workforce education internships constitutes 20% funding.

6. Requester:

- a. Name: Michael Crosby
- b. Organization: Mote Marine Laboratory
- c. Email: mcrosby@mote.org
- d. Phone #: (941)388-4443

7. Contact for questions about specific technical or financial details about the project:

- a. Name: Michael Crosby
- b. Organization: Mote Marine Laboratory
- c. Email: mcrosby@mote.org
- d. Phone #: (941)388-4443

8. Is there a registered lobbyist working to secure funding for this project?

- a. Name: David Shepp
- b. Firm: The Southern Group
- c. Email: shepp@thesoutherngroup.com
- d. Phone #: (863)581-4250

9. Organization or Name of entity receiving funds:

- a. Name: Mote Marine Laboratory
- b. County (County where funds are to be expended): Sarasota
- c. Service Area (Counties being served by the service(s) provided with funding): Charlotte, DeSoto, Hardee, Hillsborough, Manatee, Pinellas, Sarasota

10. What type of organization is the entity that will receive the funds? (Select one)

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)

- Local Government
- University or College
- Other (Please describe)

11. What is the specific purpose or goal that will be achieved by the funds being requested?

Funds are requested to partially support the design, engineering and construction implementation of 3 K-12 STEM Education Teaching Laboratories and 2 high school/undergraduate STEM workforce training research laboratories at the new Mote SEA, a nexus location within 60 minutes driving access for over 3 million Florida residents. The STEM Teaching Laboratories and workforce training research labs will afford students with unparalleled hands-on research and technology experience.

12. Provide specific details on how funds will be spent. (Select all that apply)

| Spending Category | Description | Nonrecurring (Should equal 4d, Col. E) Enter "0" if request is zero for the category |
|---|--|--|
| Administrative Costs: | | |
| <input type="checkbox"/> a. Executive Director/Project Head Salary and Benefits | | |
| <input type="checkbox"/> b. Other Salary and Benefits | | |
| <input type="checkbox"/> c. Expense/Equipment/Travel/Supplies/Other | | |
| <input type="checkbox"/> d. Consultants/Contracted Services/Study | | |
| Operational Costs: | | |
| <input checked="" type="checkbox"/> e. Salaries and Benefits | Mote STEM education, research and support staff for designing, implementing, conducting and assessing proposed STEM initiative. | 800,000 |
| <input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other | Supplies, materials and scientific tools for STEM research learning and experiments that provide enhanced educational experiences for K-12 | 500,000 |

| | | |
|--|--|------------------|
| | students. | |
| <input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study | Includes professional design/consultations for enhancement and implementation of extended new STEM experiences beyond the typical classroom, lab or aquarium engagement, ranging from virtual reality and advanced technology, to boat outings and charters for dive and snorkel trips for students to experience STEM first-hand. | 1,200,000 |
| Fixed Capital Construction/Major Renovation: | | |
| <input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering | Partial funding for design, engineering and construction implementation of 3 K-12 STEM Education Teaching Laboratories and 2 high school/undergraduate STEM workforce training laboratories that will be co-located with the new Mote Science Education Aquarium located at Nathan Benderson Park. Mote has secured agreement of Sarasota County to allow Mote to construct and operate the STEM Labs on 12 acres at the Park. | 2,500,000 |
| TOTAL | | 5,000,000 |

13. For the Fixed Capital Costs requested with this issue (In Question 12, category “h. Fixed Capital Outlay” was selected), what type of ownership will the facility be under when complete? (Select one correct option)

For Profit

Non Profit 501(c) (3)

- Non Profit 501(c) (4)
- Local Government (e.g., police, fire or local government buildings, local roads, etc.)
- State agency owned facility (For example: college or university facility, buildings for public schools, roads in the state transportation system, etc.)
- Other (Please describe)

14. Is the project request an information technology project?

No

15. Is there any documented show of support for the requested project in the community including public hearings, letters of support, major organizational backing, or other expressions of support?

Yes

15a. Please Describe:

The Sarasota Board of County Commissioners and the Manatee County Board of Commissioners have each stated in public sessions of the respective Boards their unanimous support for the importance of this project moving forward in order to provide schools and students with the proposed state-of-the-art STEM engagement opportunities that will not otherwise be achievable without this project.

16. Has the need for the funds been documented by a study, completed by an independent 3rd party, for the area to be served?

Yes

16a. Please Describe:

National Research Council determined these programs spark interest in science & improves learning outcomes. Independent studies indicate this has long-term implications for children in science engagement & participation across genders. FL ranks 55% in Grade 5 & 52% in Grade 8 for satisfactory success (Level 3 or higher) by 2018 FL Statewide Science Assessment. This Mote initiative will enhance STEM experiences directly addressing concepts in FL Next Generation Sunshine State Standards.

17. Will the requested funds be used directly for services to citizens?

Yes

17a. What are the activities and services that will be provided to meet the purpose of the funds?

Lesson plans will be designed to provide meaningful, inquiry-based experiences that engage participants with a variety of essential skills within the context of a locally relevant marine STEM topic. Mote STEM education programs will reduce barriers to science education, through structured education programs at one of Mote's campuses, digital distance-learning opportunities, on other locations, and providing innovative & interactive STEM experiences for students at the Mote Aquarium.

17b. Describe the direct services to be provided to the citizens by the funding requested.

The STEM education programs will provide intellectually rich and authentic experiences that leverage the real science that is being done at Mote, our audience interests, experiences, and cultural resources to make explicit and meaningful connections across settings, including different environments, throughout one's life.

17c. Describe the target population to be served (i.e., "the majority of the funds requested will serve these target populations or groups").

Select all that apply to the target population:

- Elderly persons
- Persons with poor mental health
- Persons with poor physical health
- Jobless persons
- Economically disadvantaged persons
- At-risk youth
- Homeless
- Developmentally disabled
- Physically disabled
- Drug users (in health services)
- Preschool students
- Grade school students
- High school students
- University/college students
- Currently or formerly incarcerated persons
- Drug offenders (in criminal Justice)
- Victims of crime
- General (The majority of the funds will benefit no specific group)
- Other (Please describe)

17d. How many in the target population are expected to be served?

- < 25
- 25-50
- 51-100
- 101-200
- 201-400
- 401-800

18. What benefits or outcomes will be realized by the expenditure of funds requested? (Select each Benefit/Outcome that applies)

| Benefit or Outcome | Provide a specific measure of the benefit or outcome | Describe the method for measuring level of benefit |
|---|---|--|
| <input type="checkbox"/> Improve physical health | | |
| <input type="checkbox"/> Improve mental health | | |
| <input type="checkbox"/> Enrich cultural experience | | |
| <input type="checkbox"/> Improve agricultural production/promotion/education | | |
| <input checked="" type="checkbox"/> Improve quality of education | 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 and confidence when conducting science-related activities by students, and make careers in science more accessible for them. | 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. |
| <input type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality | | |
| <input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.) | | |
| <input type="checkbox"/> Improve transportation conditions | | |
| <input type="checkbox"/> Increase or improve economic activity | | |
| <input type="checkbox"/> Increase tourism | | |

| | | |
|--|--|--|
| <input type="checkbox"/> Create specific immediate job opportunities | | |
| <input type="checkbox"/> Enhance specific individual's economic self sufficiency | | |
| <input type="checkbox"/> Reduce recidivism | | |
| <input type="checkbox"/> Reduce substance abuse | | |
| <input type="checkbox"/> Divert from Criminal/Juvenile justice system | | |
| <input type="checkbox"/> Improve wastewater management | | |
| <input type="checkbox"/> Improve stormwater management | | |
| <input type="checkbox"/> Improve groundwater quality | | |
| <input type="checkbox"/> Improve drinking water quality | | |
| <input type="checkbox"/> Improve surface water quality | | |
| <input type="checkbox"/> Other (Please describe): | | |

19. Provide the total cost of the project for FY 2020-21 from all sources of funding (Enter "0" if amount is zero):

| Type of Funding | Amount | Percent of Total | Are the other sources of funds guaranteed in writing? |
|--|-----------|------------------|---|
| 1. Amount Requested from the State in this Appropriations Project Request: | 5,000,000 | 78.1% | N/A |
| 2. Federal: | 300,000 | 4.7% | Yes |
| 3. State: (Excluding the requested Total Amount in #4d, Column F) | 0 | 0.0% | No |
| 4. Local: | 975,000 | 15.2% | Yes |
| 5. Other: | 130,000 | 2.0% | Yes |

| | | | |
|-------|-----------|------|--|
| TOTAL | 6,405,000 | 100% | |
|-------|-----------|------|--|

20. Is this a multi-year project requiring funding from the state for more than one year?

Yes

20a. How much state funding would be requested after 2020-21 over the next 5 years?

- <1M
- 1-3M
- >3-10M
- >10M

20b. How many additional years of state support do you expect to need for this project?

- 1 year
- 2 years
- 3 years
- 4 years
- >= 5 years

20c. What is the total project cost for all years including all federal, local, state, and any other funds? Select the single answer which best describes the total project cost. If funds requested are for ongoing services or for recurring activities, select "ongoing activity".

- Ongoing activity – no total cost
- <1M
- 1-3M
- >3-10M
- >10M