

# Appropriations Project Request - Fiscal Year 2018-19

## For projects meeting the Definition of House Rule 5.14

1. Title of Project: Mote Marine Laboratory Coral Reef Restoration
2. Date of Submission: 11/13/2017
3. House Member Sponsor: Holly Raschein  
Members Copied:

### 4. DETAILS OF AMOUNT REQUESTED:

- a. Has funding been provided in a previous state budget for this activity? Yes  
***If answer to 4a is ?No? skip 4b and 4c and proceed to 4d, Col. E***
- b. What is the most recent fiscal year the project was funded? 2017-18
- c. Were the funds provided in the most recent fiscal year subsequently vetoed? No
- d. Complete the following Project Request Worksheet to develop your request:

| FY:                | Input Prior Year Appropriation for this project<br>for FY 2017-18<br><i>(If appropriated in 2017-18 enter the<br/>appropriated amount, even if vetoed.)</i> |                               |   | Develop New Funds Request<br>for FY 2018-19<br><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<br><br><i>(Recurring plus Nonrecurring:<br/>column A + column B)</i> | Recurring Base Budget<br><br><i>(Will equal non-vetoed amounts provided in Column A)</i>                        | <b>Additional Nonrecurring Request</b> | <b>TOTAL Nonrecurring plus Recurring Base Funds</b><br><br><i>(Will equal the amount from the Recurring base in Column D plus the Additional Nonrecurring Request in Column E.)</i> |
| Input Amounts:     |   | 500,000                       | 500,000   |   | 1,000,000                              | 1,000,000   |

5. Are funds for this issue requested in a state agency's Legislative Budget Request submitted for FY 2018-19? 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? Fish and Wildlife Conservation Commission
  - 5c. Has the appropriate state agency for administering the funding, if the request were appropriated, been contacted? Yes
  - 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.

Funding shall not be provided to Mote Marine if deliverables are not achieved.

6. Requester:

- a. Name: Dr. Michael P. Crosby
- b. Organization: Mote Marine Laboratory
- c. Email: mcrosby@mote.org
- d. Phone #: (941)388-4441

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

- a. Name: Dr. Michael P. Crosby
- b. Organization: Mote Marine Laboratory
- c. Email: mcrosby@mote.org
- d. Phone #: (941)388-4441

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

- a. Name: David Shepp
- b. Firm: Southern Strategy Group
- c. Email: shepp@sostrategy.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): Monroe
- c. Service Area (Counties being served by the service(s) provided with funding): Statewide

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?

Coral restoration program focuses on growing endangered, threatened, and reef building coral species for replanting on decimated or damaged sections of reefs throughout the Florida Keys to reverse decades of dramatic coral population decline. Mote's cutting edge technology, called micro-fragmentation and re-skinning, allows small fragments of various corals (brain, boulder, and star) to rapidly fuse back together and form new coral head over the dead skeleton in just 1-2 years instead of hundred

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

| Spending Category  | Description   | Nonrecurring<br>(Should equal 4d, Col. E) Enter ?0? if<br>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                             | Scientists, technicians, and interns.   | 500,000  |
| <input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other          | Equipment, supplies, and boat time<br>(marine operations).                                      | 300,000  |
| <input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study             | Partnership engagement with other<br>nonprofit organizations schools,<br>businesses, etc.       | 100,000  |
| Fixed Capital Construction/Major Renovation:   |   |  |
| <input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering | Expanded land based micro-<br>fragmentation nursery where<br>endangered, threatened and massive | 100,000  |

|       |   |           |
|-------|---|-----------|
|       | reef building corals are being grown for out-planting and re-skinning at offshore reef restoration sites. |           |
| TOTAL |   | 1,000,000 |

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:

Many scientists, agencies and advisory groups (i.e., Florida Keys National Marine Sanctuary's Coral Reef Ecosystem Restoration Working Group) have recommended the need for intensive coral reef restoration in the Florida Keys to address decades of coral loss. Mote secured philanthropic support to build a new state of the art 19,000 sf International Center for Coral Reef Research & Restoration that opened May 2017 on Mote's campus in the Keys to serve as the base of operations for 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:

Peer-reviewed science journals, the New York Times, PBS & numerous other media have reported on Mote's breakthrough coral restoration technology that in just 10 years can restore the Keys coral reefs which are the basis of a \$6 billion per year economy & 71,000

jobs in Florida. The Florida Keys National Marine Sanctuary's Coral Reef Ecosystem Restoration Working Group , & many others, have recommended the need for intensive coral reef restoration in the FL Keys to address decades of coral loss.

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

No

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 type="checkbox"/> Improve quality of education   |  |   |
| <input checked="" type="checkbox"/> Enhance/preserve/improve environmental or fish and wildlife quality | Restoration of Florida's coral reefs (as measured by # of corals planted and acres of reefs restored), which are essential habitat for both commercial and recreational fishing will strengthen and expand the state's economic engine while concurrently addressing critical environmental conservation issues. | In one year, more than 50,000 corals will be produced for planting and creating almost 100 acres of restored reefs. By increasing the population number, the likelihood of successful cross-fertilization between corals is increased, thus providing the potential to reverse the population decline throughout Florida. |
| <input type="checkbox"/> Protect the general public from harm (environmental, criminal, etc.)           |  |   |
| <input type="checkbox"/> Improve transportation conditions  |  |   |
| <input checked="" type="checkbox"/> Increase or improve economic activity                               | According to the 2008 report on Corals and Climate Change from the Environmental Defense Fund,   | An economic impact study will be conducted upon completion to value the project for economic activity in job  |

|  |   |   |
|--|---|---|
|  | Florida's coral reefs attract 16 million visitors per year to Southeast Florida, support 70,000 local jobs and draw \$6.3 billion to our economy. | creation and tourism.   |
| <input type="checkbox"/> Increase tourism  |   |   |
| <input checked="" type="checkbox"/> Create specific immediate job opportunities  | Additional scientific staff and technicians will be hired to assist with the implementation of the restoration project.                           | The number of hires in science and technology positions will be measured. |
| <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 2018-19 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 | 1,000,000 | 80.0%            | N/A   |

|   |                  |             |     |
|---|------------------|-------------|-----|
| Project Request:  |                  |             |     |
| 2. Federal:   | 0                | 0.0%        | No  |
| 3. State: (Excluding the requested Total Amount in #4d, Column F) | 0                | 0.0%        | No  |
| 4. Local:   | 0                | 0.0%        | No  |
| 5. Other:   | 250,000          | 20.0%       | Yes |
| <b>TOTAL</b>  | <b>1,250,000</b> | <b>100%</b> |     |

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 2018-19 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