

Appropriations Project Request - Fiscal Year 2020-21

For projects meeting the Definition of House Rule 5.14

1. Title of Project: Mote Marine Laboratory Critical Marine Habitat Restoration
2. Date of Submission: 11/13/2019
3. House Member Sponsor: Will Robinson
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? 2019-20
- 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 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:		586,605	586,605		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? 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 would be withheld on a proportional basis for deliverables not achieved in the following proportions: 12% - producing/planting 20,000 corals; 12% - increasing genetic diversity and resilience within restoration corals; 10% - quantifying effects of restoration on ecosystem; and 66% - significant expansion of inland-based and secure living coral gene bank.

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@thesouthernngroup.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, Sarasota
- c. Service Area (Counties being served by the service(s) provided with funding): Monroe, 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?

The funding will expand the ongoing Coral Disease Response & Restoration initiative, along with a significant expansion of a remote inland-based living coral gene bank in recirculating seawater; and the design/implementation of innovative & immersive STEM public education/outreach experiences, such as interactive coral laboratories for hands-on research experiences, coral gene banks & living coral restoration displays, to enhance the level of ocean literacy & awareness of residents & visitors.

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	Scientists, technicians and interns working to grow and plant new corals in the Keys, develop mechanisms to increase genetic diversity and resilience within restoration corals, quantify the effects of restoration on ecosystem services & functionality, and raise public awareness of the vital roles coral reefs serve in support of quality of life, resilient coastal	850,000

	environment and economy of Florida.	
<input checked="" type="checkbox"/> f. Expenses/Equipment/Travel/Supplies/Other	Equipment, supplies, local travel and boat/dive operations.	550,000
<input checked="" type="checkbox"/> g. Consultants/Contracted Services/Study	Partnership with other non-profit organizations, schools, businesses related to marine habitat restoration and biodiversity conservation, as well as professional design/consultations for enhancement and implementation of new public interaction experiences of residents and tourists, web-based transfer of information and printed publications to raise public awareness.	1,100,000
Fixed Capital Construction/Major Renovation:		
<input checked="" type="checkbox"/> h. Construction/Renovation/Land/Planning Engineering	Expansion of a remote inland-based and secure living coral gene bank in recirculating sea water; and the design/implementation of innovative and immersive STEM education/outreach experiences.	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:

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 FL 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?

Yes

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

Grow and plant new corals in the Keys reef tract; increase genetic diversity and resilience within restoration corals; expand frequency of monitoring of outplanted corals; quantify the ecological and economic benefit of restoration; continue the expansion of a hurricane-resistant, coral gene bank in recirculating seawater systems and raise public understanding and awareness of the vital role coral reefs serve in support of quality of life, resilient coastal environment & the economy of Florida.

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

Florida's coral reef system is the third largest living reef on the planet. The direct services of restored coral reef ecosystems are their numerous ecological, aesthetic, economic and cultural functions. It underpins the state's marine ecosystems, provides habitat for over

6,000 marine species, attracts 16 million visitors per year, and supports over 70,000 local jobs, drawing \$6.3 billion to Florida's economy. It also serves as the frontline of coastal resiliency defense from major storms.

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): Commercial, recreational fishermen, diving, snorkeling operators, hotels, restaurants & residents.

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

- < 25
- 25-50
- 51-100
- 101-200
- 201-400
- 401-800
- >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 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.	An economic and ecosystem impact study will be conducted upon completion to value the project for ecological functionality and economic activity in job creation and tourism.
<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, 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.	An economic impact study will be conducted upon completion to value the project for economic activity in job 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 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	79.4%	N/A
2. Federal:	800,000	12.7%	Yes
3. State: (Excluding the requested Total Amount in #4d, Column F)	0	0.0%	No

4. Local:	0	0.0%	No
5. Other:	500,000	7.9%	Yes
TOTAL	6,300,000	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