

# Budget Detail Request - Fiscal Year 2016-17

Your request will not be officially submitted unless all questions and applicable sub parts are answered.

1. Title of Project: Coral Reef Restoration
2. Date of Submission: 01/14/2016
3. House Member Sponsor(s): Holly Raschein

## 4. DETAILS OF AMOUNT REQUESTED:

- a. 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***
- b. What is the most recent fiscal year the project was funded?
- 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 (Note that Column E will be the total of Recurring funds requested and Column F will be the total Nonrecurring funds requested, the sum of which is the Total of the Funds you are requesting in Column G):

FY:	Input Prior Year Appropriation for this project for FY 2015-16 (If appropriated in FY 2015-16 enter the appropriated amount, even if vetoed.)			Develop New Funds Request for FY 2016-17 (If no new Recurring or Nonrecurring funding is requested, enter zeros.)			
	Column: A	B	C	D	E	F	G
Funds Description:	Prior Year Recurring Funds	Prior Year Nonrecurring Funds	Total Funds Appropriated  (Recurring plus Nonrecurring: Column A + Column B)	Recurring Base Budget  (Will equal non-vetoed amounts provided in Column A )	<b>INCREASED or NEW Recurring Requested</b>	<b>TOTAL Nonrecurring Requested</b>  (Nonrecurring is one time funding & must be re-requested every year)	<b>Total Funds Requested Over Base Funding</b>  (Recurring plus Nonrecurring: Column E + Column F)
Input Amounts:					0	950,000	950,000

- e. New Nonrecurring Funding Requested for FY 16-17 will be used for:  
 Operating Expenses     Fixed Capital Construction     Other one-time costs
- f. New Recurring Funding Requested for FY 16-17 will be used for:  
 Operating Expenses     Fixed Capital Construction     Other one-time costs

5. Requester:

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

6. 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) Monroe

7. Write a project description that will serve as a stand-alone summary of the project for legislative review. The description should summarize the entire project's intended purpose, the purpose of the funds requested (if request is a sub-part of the entire project), and most importantly the detail on how the funds requested will be spent - for example how much will be spent on positions and associated salaries, specifics on capital costs, and detail of operational expenses. The summary must list what local, regional or statewide interests or areas are served. It should also document the need for the funds, the community support and expected results when applicable. Be sure to include the type and amount of services as well as the number of the specific target population that will be served (such as number of home health visits to X, # of elderly, # of school aged children to receive mentoring, # of violent crime victims to receive once a week counseling etc.)

The restoration program focuses on growing threatened coral species for replanting on decimated or damaged sections of the reef throughout the lower Florida Keys and into the waters of South Florida in an effort to reverse the coral population decline. Mote's cutting-edge technology, called "re-skinning" allows small fragments of various corals (brain, bolder and star) to rapidly fuse back together and form new coral head over the dead skeleton in just one to two years instead of the hundreds of years it might take nature on its own. Additionally, Mote has developed an extensive underwater coral nursery offshore of its Tropical Research Laboratory where threatened staghorn coral is being grown. Mote is growing 15,000 coral colonies- some 250,000 fragments- for replanting on coral reefs.

The requested funding, \$950,000, will be used for operations and some one-time costs relating to equipment and supplies.

- Coral Restoration Scientists, Staff and Interns -	\$500,000
- Marine Operations -	\$150,000
- Equipment and Supplies -	\$150,000
- Partnership Engagement -	\$100,000
- Expanded Land Nursery -	\$50,000
Total	\$950,000

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.

Restoration of Florida's coral reefs, which are essential habitat for both commercial and recreational fisheries as well as the basis for a significant eco-tourism industry, will strengthen and expand the state's economic engine while concurrently addressing critical environmental conservation issues.

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. Florida's reef, the only barrier reef system in the continental U.S., underpins the state's marine eco-systems and protects our coastlines from major storms.

8. Provide the total cost of the project for FY 2016-17 from all sources of funding:

Federal: 0

State: 0 (Excluding the requested Total Amount in #4d, Column G)

Local: 0

Other: 250,000

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

Yes