



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2019-2020

LFIR#: 1301

1. **Title of Project:** Mote Marine Laboratory Coral Reef Restoration

2. **Senate Sponsor:** Ben Albritton

3. **Date of Submission:** 02/07/2019

4. **Project/Program Description:**

Continue the Florida Keys Coral Reef Restoration Initiative by expanding from the 45,000 corals restored in 2018 and 2019 with an additional 50,000 corals in 2020. In addition, expand the land-based coral gene bank it has established with private foundation funds to ensure that Florida's coral species have diverse genotypes that are permanently protected for future research and restoration needs.

5. **State Agency to receive requested funds :** Fish and Wildlife Conservation Commission

State Agency Contacted? Yes

6. **Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	1,900,000
Fixed Capital Outlay	100,000
<b>Total State Funds Requested</b>	<b>2,000,000</b>

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	2,000,000	72.73%
Federal	0	0.00%
State (excluding the amount of this request)	0	0.00%
Local	0	0.00%
Other	750,000	27.27%
<b>Total Project Costs for Fiscal Year 2019-2020</b>	<b>2,750,000</b>	<b>100.0%</b>

8. **Has this project previously received state funding?** Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		
2018-19		500,000	1827A	No

9. **Is future-year funding likely to be requested?** Yes

a. If yes, indicate non-recurring amount per year. \$2,000,000

10. **Details on how the requested state funds will be expended**

Spending Category	Description	Amount
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<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Operational Costs:</b>		
Salary and Benefits	Scientists, technicians, managers and interns working on growing and planting new corals in the Keys, as well as expanding the coral gene bank.	200,000
Expense/Equipment/Travel/Supplies/Other	Equipment, supplies and boat time for scientists, technicians, managers and interns working to grow and plant new corals in the Keys; develop mechanisms to increase genetic diversity and resilience within restoration corals and quantify the effects of restoration on ecosystem services and functionality; as well as to increase the number of cached corals within the existing coral gene bank.	1,520,000
Consultants/Contracted Services/Study	Partnership engagement with other non-profit organizations, schools, businesses, etc.	180,000
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Expanded land-based micro-fragmentation nursery where endangered, threatened & massive reef building corals are being grown for out-planting and re-skinning at offshore reef restoration sites.	100,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>2,000,000</b>

**11. Program Performance:**

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

Coral restoration program focuses on growing endangered, threatened & 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.

**b. What are the activities and services that will be provided to meet the intended purpose of these funds?**

Mote will plant 50,000 corals in 2020, expand frequency of monitoring of outplanted corals for disease, develop mechanisms to increase genetic diversity and resilience within restoration corals, and quantify the ecological and economic benefit of restoration.

**c. What are the direct services to be provided to citizens by the appropriations project?**

Florida Keys coastal resiliency will be strengthened through expansion of coral reefs serving as natural bulwarks against storm surges and erosion.



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

Current and future generations of Florida commercial and recreational fishermen, divers, snorkelers, out-of-state tourists.

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

Restoration of Florida's coral reefs (as measured by # of corals planted), 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. Additional scientific staff and technicians will be hired to assist with the implementation of the restoration project. In one year, 50,000 corals will be produced for planting and creating restored reefs. 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.

**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 in the contract?**

Funding shall be withheld on a proportional basis for deliverables not achieved in the following manner: Outplanting 50,000 corals will be 50% of project funding, Developing mechanisms to increase genetic diversity and resilience within restoration corals will be 37% of project funding, and Quantifying the effects of restoration on ecosystem services and functionality will be 13% of project funding. Interim progress reports and invoices will be submitted through a fixed lump sum contract.

**12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.**

Mote Marine Laboratory is the requestor and the recipient

**13. Requestor Contact Information:**

- a. **Name:** Michael Crosby
- b. **Organization:** Mote Marine Laboratory
- c. **E-mail Address:** mcrosby@mote.org
- d. **Phone Number:** (941)388-4441

**14. Recipient Contact Information:**

- a. **Organization:** Mote Marine Laboratory
- b. **County:** Monroe
- c. **Organization Type:**
  - For Profit
  - Non Profit 501(c) (3)
  - Non Profit 501(c) (4)
  - Local Entity
  - University or College
  - Other (Please specify)



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- d. **Contact Name:** Michael Crosby
- e. **E-mail Address:** mcrosby@mote.org
- f. **Phone Number:** (941)388-4441

#### 15. Lobbyist Contact Information

- a. **Name:** David Shepp
- b. **Firm Name:** Southern Strategy Group
- c. **E-mail Address:** shepp@sostrategy.com
- d. **Phone Number:** (863)581-4250