



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2026-2027

LFIR # 1155

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The project addresses the root cause of shoreline recession, which threatens over \$5 billion in property, critical infrastructure like electrical substations, and the Village's only evacuation route. By reducing the frequency and cost of beach renourishments, the reef system offers long-term resilience against sea-level rise and storm surge. The structures are self-growing and self-repairing, adapting to environmental changes while enhancing biodiversity. This phase includes site assessment, preliminary design, and a permitting feasibility analysis to evaluate effectiveness and environmental impact.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2026-2027

Type of Funding	Amount
Operating	0
Fixed Capital Outlay	500,000
Total State Funds Requested	500,000

7. Total Project Cost for Fiscal Year 2026-2027 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	500,000	40%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	750,000	60%
Other	0	0%
Total Project Costs for Fiscal Year 2026-2027	1,250,000	100%

8. Has this project previously received state funding?

If yes, provide the most recent instance:

Fiscal Year (YYYY-YY)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

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

a. If yes, indicate nonrecurring amount per year.

b. Describe the source of funding that can be used in lieu of state funding.



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Complete questions 10 and 11 for Fixed Capital Outlay Projects

10. Status of Construction

a. What is the current phase of the project?

☒ Planning ☐ Design ☐ Construction ☐ N/A

b. Is the project "shovel ready" (i.e permitted)?

No

c. What is the estimated start date of construction?

7/1/2028

d. What is the estimated completion date of construction?

6/1/2029

e. What funding stream will be used for ongoing operations and maintenance of the project?

Public Works operating budget annually appropriates funding for maintenance of all public assets in the Village of Key Biscayne.

11. List the owners of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owners of the facility and the entity.

N/A

12. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Operational Costs		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Consultant fees for the pre-construction activities.	500,000
Total State Funds Requested (must equal total from question #6)		500,000

13. Program Performance

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

The requested funds will support the preliminary design of a submerged offshore reef system intended to protect Key Biscayne's shoreline from erosion while preserving marine habitats. The goal is to develop a sustainable, nature-based solution that addresses the root causes of shoreline recession and enhances the island's long-term resilience to sea-level rise and storm surge.

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



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This phase of the project includes conducting a site assessment, developing a preliminary design for the reef structures, and performing a permitting feasibility analysis. These activities will evaluate the system's effectiveness in reducing erosion, its environmental impact, and its potential as a long-term alternative to traditional beach renourishment methods.

c. What direct services will be provided to citizens by the appropriation project?

While this phase focuses on design and assessment, residents will ultimately benefit from the future implementation of the reef system, which will provide shoreline protection, reduce flooding and erosion risks, and preserve local beaches. The project supports public safety, property protection, and environmental quality for the community as a whole.

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

The project serves the entire Village of Key Biscayne community by protecting its coastline, which safeguards over \$5 billion in property, vital infrastructure such as electrical substations, and the island's only evacuation route. The population size is not specified, but all residents and businesses within the Village will directly or indirectly benefit.

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

Expected outcomes include the development of a technically sound, environmentally sustainable reef design that demonstrates feasibility for shoreline protection and habitat enhancement. Success will be measured through completion of the site assessment, design deliverables, and permitting feasibility analysis, as well as documentation of projected erosion reduction and ecological benefits based on modeling and environmental studies.

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?

Withholding of payment.

14. Is this project related to mitigation, response, or recovery from a natural disaster? ☒ Yes

a. If Yes, what phase best describes the project?

- ☒ Mitigation (reducing or eliminating potential loss of life or property)
- ☐ Response (addressing the immediate and short-term effects of a natural disaster)
- ☐ Recovery (assisting communities return to normal operations, including rebuilding damaged infrastructure)

b. Name of the natural disaster (or Executive Order # for events not under a federal declaration):

N/A - mitigating beach erosion

15. Has the entity applied for or received federal assistance for this project?

- ☒ Yes, Applied
- ☐ Yes, Received
- ☐ No
- ☐ No, but intends to apply

a. If yes, provide the FEMA project worksheet ID#:

N/A - funding request through NOAA.

b. Provide the total project cost listed on the FEMA project worksheet:

0



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16. Has the entity applied for or received state assistance for this project (other than this request)?

- ☒ Yes, Applied
- ☐ Yes, Received
- ☐ No
- ☐ No, but intends to apply

a. If yes, specify the program and state agency (ex. Local Government Emergency Bridge Loan, Department of Commerce):

Applied through FDEP Beach Management Funding Assistance Program but not awarded.

Please complete questions 17 through 21 for Water Projects only.

17. Have you been awarded or applied for alternative state funding for this project?

- ☐ Water Quality Improvement Grant Program
- ☐ Resilient Florida Grant Program
- ☐ Wastewater Revolving Loan
- ☐ Drinking Water Revolving Loan
- ☐ Small Community Wastewater Treatment Grant
- ☐ Other (please specify, ex. Alternative Water Supply Grants)
- ☒ N/A

18. What is the population economic status?

- ☐ Financially Disadvantaged Community (ch. 62-552, F.A.C)
- ☐ Financially Disadvantaged Municipality (ch. 62-552, F.A.C)
- ☐ Rural Area of Economic Concern
- ☐ Rural Area of Opportunity (s. 288.0656, Florida Statutes)
- ☒ N/A

19. What is the status of construction?

Project is in planning and design phase.

20. What percentage of the construction has been completed?

0

21. What is the estimated completion date of construction?

6/1/2029



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22. Requester Contact Information

a. First Name Last Name

b. Organization

c. E-mail Address

d. Phone Number Ext.

23. Recipient Contact Information

a. Organization

b. Municipality and County

c. Organization Type

- ☐ For Profit Entity
- ☐ Non Profit 501(c)(3)
- ☐ Non Profit 501(c)(4)
- ☒ Local Entity
- ☐ University or College
- ☐ Other (please specify)

d. First Name Last Name

e. E-mail Address

f. Phone Number Ext.

24. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number

The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.