



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2025-2026

LFIR # 2792

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Biscayne Bay is adjacent to Miami-Dade County, Florida's most populous county. Protecting the bay is vital to Florida both environmentally and economically. Improving Biscayne Bay's water quality will require significant reductions in pollutant levels within its watershed. To restore the Bay, Miami-Dade County is working with FDEP to develop a Reasonable Assurance Plan. To better monitor these pollutant levels, Miami-Dade County is seeking a data analytics dashboard solution capable of integrating and analyzing various large water quality data sets. This solution will allow the county to evaluate a broader range of water quality and ecosystem change drivers and assess the effects of environmental changes on key economic sectors in the greater Biscayne Bay watershed. Importantly, it will provide reliable and timely data to inform policy-makers and the public.

5. State Agency to receive requested funds

State Agency contacted?  Yes

6. Amount of the Nonrecurring Request for Fiscal Year 2025-2026

Type of Funding	Amount
Operating	1,000,000
Fixed Capital Outlay	0
<b>Total State Funds Requested</b>	<b>1,000,000</b>

7. Total Project Cost for Fiscal Year 2025-2026 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1,000,000	100%
<b>Matching Funds</b>		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
<b>Total Project Costs for Fiscal Year 2025-2026</b>	<b>1,000,000</b>	<b>100%</b>

8. Has this project previously received state funding?  No

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?  No

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)?

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

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

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.

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

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits		0
Other Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Operational Costs</b>		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study	Develop water quality and economic summary data tables, trend analyses, a data access portal, and a data visualization dashboard to support the communication of environmental and economic trends in the region to scientific audiences, business leaders, elected officials, landowners, and other stakeholders.	1,000,000
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering		0
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>1,000,000</b>

### 13. Program Performance

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



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Improving Biscayne Bay’s water quality will require significant reductions in pollutant levels. To restore the Bay, Miami-Dade County is working with FDEP to develop a Reasonable Assurance Plan. With these funds, all milestones, nutrient reductions, and watershed improvements can be easily tracked by state and local partners through the development of a data analytics dashboard capable of integrating and analyzing various large water quality data sets.

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

- Build a new, hosted environment with required software, hardware, and other relevant components for the Biscayne Bay Water Quality Analytic Solution.
- Extract, Transform, and Load (ETL) as well as conduct Exploratory Data Analysis (EDA) on integrated data, including any additional water quality/quantity, environmental, and economic data sources Miami-Dade desires.
- Communicate real time improvements made to the Biscayne Bay Watershed by Florida DEP and Miami-Dade County to the greater public.

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

- Produce a publicly available dashboard communicating water quality across Biscayne Bay
- Highlight existing and ongoing water quality/telemetry investments from FDEP
- Identify duplicates in Water Quality data
- Higher confidence forecasting of water quality / environmental / economic changes, including predictive simulations of management changes and infrastructure investments

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

The citizens of the Greater South Florida region.

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

Citizens will be positively impacted by their local government's ability to be informed of the Water Quality of Biscayne Bay. Additionally, Miami-Dade County will have access to visual dashboards, based on data analytics, that will help inform leaders in their decision making process. Develop water quality and economic summary data tables, trend analyses, a data access portal, and a data visualization dashboard to support the communication of environmental and economic trends in the region to scientific audiences, business leaders, elected officials, landowners, and other stakeholders.

**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?**

Failure to meet deliverables will result in nonpayment.

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

**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):**

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

- Yes, Applied
- Yes, Received



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- No
- No, but intends to apply

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

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

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):

### 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)



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N/A

**19. What is the status of construction?**

N/A

**20. What percentage of the construction has been completed?**

0%

**21. What is the estimated completion date of construction?**

06/30/2026

**22. Requester Contact Information**

**a. First Name** Loren **Last Name** Parra

**b. Organization** Miami-Dade County

**c. E-mail Address** Loren.Parra@miamidade.gov

**d. Phone Number** (305)375-2877 **Ext.**

**23. Recipient Contact Information**

**a. Organization** Miami-Dade County

**b. Municipality and County** Miami-Dade

**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** Loren **Last Name** Parra

**e. E-mail Address** Loren.Parra@miamidade.gov

**f. Phone Number** (305)375-2877 **Ext.**

**24. Lobbyist Contact Information**

**a. Name** Jess M. McCarty

**b. Firm Name**

**c. E-mail Address** jmm2@miamidade.gov

**d. Phone Number** (305)979-7110



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