



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2022-2023

LFIR # 2610

1. Project Title Miami Tidal Valves and Flood Improvements (District 3)

2. Senate Sponsor Ileana Garcia

3. Date of Request 01/14/2022

4. Project/Program Description

The goal of this project is to reduce tidal flooding in critical infrastructure, walkways, and city streets. It will improve stormwater management and transportation conditions on city roads as well as enhance surface water quality conditions in the Miami River and Biscayne Bay Aquatic Preserve.

5. State Agency to receive requested funds Department of Environmental Protection

State Agency contacted? No

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	100,000
<b>Total State Funds Requested</b>	<b>100,000</b>

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	100,000	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 2022-2023</b>	<b>100,000</b>	<b>100%</b>

8. Has this project previously received state funding? Yes

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
2019-20	0	1,500,000		No

9. Is future funding likely to be requested? Yes

a. If yes, indicate nonrecurring amount per year. 1,500,000

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

The city has allocated 2,457,000M from Miami Forever Bond to install over 60 valves city wide. In 2021 the city was awarded another \$1.5M from Miami Dade County to install an additional 28 valves. The city has approximately ~480 outfalls that need valves to help with tidal flooding. The city intent to use MFB dollars to further continue and complete the installation of back-flow valve preventers.

10. Has the entity requesting this project received any federal assistance related to the COVID-19 pandemic?



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Yes

If yes, indicate the amount of funds received and what the funds were used for.

- \$137M ARPA funds - Funds are being used to fund variety of projects for IT, Housing, Business assistance, Community Projects, etc.
- \$10M was used to help residents in form of grocery gift cards and local business assistance

#### 11. 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: Other</b>		
Salary and Benefits		0
Expense/Equipment/Travel/Supplies/Other		0
Consultants/Contracted Services/Study		0
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	Funds will be used to address tidal and storm-related flooding of roadways and critical infrastructure by installing new drainage control structures, low-impact green stormwater infrastructure (bioswales, etc), new tidal valves on drainage outfalls, grass retention areas, and pollution control systems.	100,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>100,000</b>

#### 12. Program Performance

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

The goal of this project is to reduce tidal flooding in critical infrastructure, walkways, and city streets. It will improve stormwater management and transportation conditions on city roads as well as enhance surface water quality conditions in the Miami River and Biscayne Bay Aquatic Preserve.

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

Funds will be used to address tidal and storm-related flooding of roadways and critical infrastructure by installing new drainage control structures, low-impact green stormwater infrastructure (bioswales, etc), new tidal valves on drainage outfalls, grass retention areas, and pollution control systems.

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

There are no direct services to the residents.

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

mix of mid to low income housing. >800

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



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- Improve physical health: Reduces the number of pedestrian and vehicular accidents caused by flooded roadways. Methodology: Comparing number of flooding complaints before and after project.
- Enhance/preserve/improve environmental or fish and wildlife quality: Reduces oils, grease and trash pollutants from street runoff to waterways. Methodology: Comparing number of cleaning sweeps by stormwater operations crews on the improved stormwater control structures (Pre & post construction) as well as physical observation of water being retained in structures or swales for longer periods before running off into adjacent waterways.
- Improve stormwater management: same as above

**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 the contract?**

The suggested penalties for failing to meet deliverables should include revocation of funding.

**13. 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.**

City of Miami - Local Government



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#### 14. Requestor Contact Information

a. First Name  Last Name

b. Organization

c. E-mail Address

d. Phone Number  Ext.

#### 15. 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) Local Government

d. First Name  Last Name

e. E-mail Address

f. Phone Number

#### 16. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number



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**Please complete the questions below for Water Projects only.**

**17. Have you applied for alternative state funding?**

- ☐ Waste Water Revolving Loan
- ☐ Drinking Water Revolving Loan
- ☐ Small Community Wastewater Treatment Grant
- ☐ Other (please specify)
- ☒ 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?**

Ready

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

0%

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

12/29/2023