



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1172

1. **Project Title**
2. **Senate Sponsor**
3. **Date of Request**

4. Project/Program Description

The City of Miami Beach is a wholesale water customer of Miami-Dade Water and Sewer Department (WASD), but owns, operates, and maintains the water distribution system within the City's service area. The performance of the City's water distribution system is critical and directly impacts the health of the City's residents and transient community. The 75th Street Water Booster Station (W-2) is located at 750 West 75th Street in Miami Beach. W-2 is used to pump water from two on-site 4 million gallon storage tanks into the distribution system and can also be leveraged in the event of an emergency to supplement water from WASD.

The purpose of this project is to increase the resilience of W-2. This project is critical for maintaining a reliable water distribution system to provide potable water to the City's residents, visitors and employees and to maintain appropriate pressures within the system for adequate fire protection.

5. **State Agency to receive requested funds**
- State Agency contacted?**

6. Amount of the Nonrecurring Request for Fiscal Year 2021-2022

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

7. Total Project Cost for Fiscal Year 2021-2022 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	500,000	18%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	2,300,000	82%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	2,800,000	100%

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

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		

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

Yes

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

The City has received approximately \$10 million in federal assistance related to the COVID-19 pandemic.

11. 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: Other		
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	Funding will be used for the completion of this capital project, which includes; Storm Proofing and Structural Rehabilitation; Civil Site Work and Grading; Ventilation, Air Conditioning and Odor Control; Replacement of Pumps, Piping and Appurtenance and Electrical and Instrumentation Upgrades and Hardening.	500,000
Total State Funds Requested (must equal total from question #6)		500,000

12. Program Performance

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

The purpose of this project is to increase the resilience of W-2. Rehabilitation of W-2 is critical for maintaining a reliable water distribution system to provide potable water to the City's residents, visitors, and employees. Miami Beach is located on an island in SE Florida with an average elevation of 4.4 feet NAVD. Because of the City's location and low elevation, it is highly susceptible to flooding, king tides, tropical storms, and hurricanes. A reliable and hardened water system is a critical part of overall resilience. This includes water infrastructure that can withstand natural hazards. W-2 will undergo considerable facility hardening in order to mitigate these risks and ensure that the community remains safe. W-2 was one of two water booster stations identified as a Highly Critical asset in Miami Beach.

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

The proposed project includes numerous resilience improvements to W-2 including:

- 1) Rehabilitating the mechanical, structural, and electrical equipment
- 2) Instrumentation and controls;
- 3) Ventilation and air conditioning systems;
- 4) Overall facility hardening

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



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This project will greatly increase the resilience of the water system, protect public health, increase safety, and mitigate emergency-related risks.
The direct services include maintaining potable water for the public and appropriate water pressure for emergency services, such as fire prevention.

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

Since the City's water distribution network is a looped system, W-2 benefits all residents throughout the City's service area. W-2 currently serves approximately 158,900 people (including residents, tourists, and employees) and is anticipated to serve approximately 211,800 people by 2045.

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

The expected benefit is the provision of the required level of service to protect human health and safety. The expected benefit/outcome will be the replacement of the aging infrastructure and the presence of an improved and resilient water infrastructure system. Additional measurements and outcomes include ensuring that the water system meets current water consumption demand, and fire flow pressures. Critical Consequences of failure for this particular asset are currently scored as HIGH based on the following three factors: Public Impact, Reliability and Redundancy. These three factors will also be used to measure the success of the outcome. By improving the impact to the public, as well as the reliability and redundancy, this asset will have a positive benefit on the City's overall water supply system.

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?

Termination of Contract and penalties.

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.

The City of Miami Beach is the owner of the facility to receive funding and the entity.



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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) Municipality

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) Department of Economic Opportunity Grant
- 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?

Not Started

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

2/1/2023