



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 2387

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

This project is to upgrade and expand electrical metering and data analytics at wastewater facilities to realize energy efficiency and cost savings in wastewater operations.

5. **State Agency to receive requested funds**

State Agency contacted? Yes

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

Type of Funding	Amount
Operations	750,000
Fixed Capital Outlay	0
Total State Funds Requested	750,000

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)	750,000	50%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	750,000	50%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	1,500,000	100%

8. **Has this project previously received state funding?** No

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

9. **Is future 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.**

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.



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\$2,573,254,804.94 to provide financial aid to, among others, small businesses, veterans, senior meals, restaurants, hotel workers, first responders, landlords, low-income tenants, nonprofits, and day care centers, and also direct distributions to Miami-Dade municipalities.

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	Electricity, flow, pressure, and other meters and instrumentation	700,000
Consultants/Contracted Services/Study	System analytics set-up and dashboard tools and processes	50,000
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		750,000

12. Program Performance

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

This funding will support more efficient and cost effective operations at wastewater facilities, aimed at reducing the average annual expenditure of \$26 million in electricity. The project implements initiatives in the Department's Energy Management Plan for Wastewater Treatment Plants, which targets a 30% reduction in energy consumption by 2030.

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

This will be achieved through upgrading and expanding electrical metering and data analytics at wastewater facilities through the installation of electrical, flow, and pressure meters combined with an analytics tool to monitor and inform the optimization of energy use intensity at the wastewater process level.

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

Energy is required to treat and dispose of wastewater at the three wastewater treatment plants serving Miami-Dade County.

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

The wastewater treatment plants serve more than 2.3 million residents.

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

This project will improve energy efficiency in the delivery of wastewater services, reduce energy costs and emissions associated with wastewater treatment. The department will track energy consumed per gallon of wastewater treated, the cost of electricity for wastewater treatment, and estimate greenhouse gas and pollution emissions reductions.

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?



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Failure to meet deliverables will jeopardize future funding years/requests.

- 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.**

Miami-Dade County



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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)

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?

Not Ready

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

06/30/2024