



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1570

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

4. Project/Program Description

Implementation of landfill space optimization systems. These are GPS-systems which are specifically designed to record and guide landfill operators to make the most benefit of available airspace of the facility as per design, giving the operator guidance in real time as the material is being worked on the site. These systems also allow for remote access to data including scale house weight and import, density, volume and efficiency reports and real time Cut/Fill maps.

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	150,000
Fixed Capital Outlay	0
Total State Funds Requested	150,000

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)	150,000	50%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	150,000	50%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	300,000	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?

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



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The DSWM has requested financial assistance from Miami-Dade County for COVID-19 related expenses but has yet to be advised of a final approved amount. Expenses include extraordinary personal protective equipment (PPE), extraordinary sanitation costs, etc.

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	Purchase of equipment and service contract. Equipment installation, software maintenance and upgrades	150,000
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		0
Total State Funds Requested (must equal total from question #6)		150,000

12. Program Performance

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

This will enable optimal compaction and prolonged landfill life and operation by minimizing voids and loss of airspace volume of the active cell of a landfill. The equipment will provide real-time information of grades and elevations to the landfill operators and managers among other data that will serve to exercise optimal operational control of the facility.

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

Purchase and installation of equipment and associated software and training in its use.

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

Optimization of landfill space results in lower disposal costs to the community, including operational costs such as fuel and machinery wear. This also extends the operational life of an active facility, which is a key element in controlling the costs of municipal solid waste management.

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

Miami-Dade County Solid Waste Management offers disposal services to the entire county. The population of Miami-Dade County is about 2.8 million.

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

The immediate benefit is to prolong the active life of the landfill and delaying closure of the active cells. The methodology is the calculation of remaining volume as determined by the agency's bond engineer. Implementation of this project is expected to show an increased life span of the facility(ies).

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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In addition to performance measurements as established standards in county procedure, there are no additional penalties contemplated at this time.

- 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 landfill facilities, machinery and equipment are owned in its entirety by 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