



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1632

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

4. **Project/Program Description**

The Department of Solid Waste Management (DSWM) currently has a heavy fleet that uses diesel fuel. The fully electric garbage truck will allow the department to test the capabilities of this rapidly improving technology, generating zero emissions, reducing operating noise, thus providing residents a far more environmentally friendly truck. In addition, since DSWM produces electricity at its Resources Recovery Facility, an Energy-from-Waste (EFW) plant, the electric vehicle (EV) would ultimately be fueled by the very garbage it collects.

5. **State Agency to receive requested funds**
- State Agency contacted? ☐ Yes ☒ No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input type="text" value="600,000"/>
Fixed Capital Outlay	<input type="text" value="000"/>
Total State Funds Requested	<input type="text" value="600,000"/>

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	<input type="text" value="600000"/>	<input type="text" value="100.0"/> %
Matching Funds		
Federal	<input type="text" value="00"/>	<input type="text" value="0"/> %
State (excluding the amount of this request)	<input type="text" value="00"/>	<input type="text" value="0"/> %
Local	<input type="text" value="00"/>	<input type="text" value="0"/> %
Other	<input type="text" value="00"/>	<input type="text" value="0"/> %
Total Project Costs for Fiscal Year 2020-2021	<input type="text" value="600,000"/>	<input type="text" value="100"/> %

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

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

9. **Is future-year funding likely to be requested?** ☐ Yes ☒ No

If yes, indicate nonrecurring amount per year.



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1632

10. Details on how the requested state funds will be expended

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs: Other		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other	Purchase of fully electric garbage truck and charging station.	600,000
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering		
Total State Funds Requested (must equal total from question #6)		600,000



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1632

11. Program Performance

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

Fully electric side loading garbage truck will allow the department to collect data and prepare analysis on the savings of fuel, tires, brakes and all other maintenance to determine when the break-even point is on a zero-emission vehicle.

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

Bi-weekly residential collection on approximately 1100-1200 homes daily within Miami-Dade County, 208 days per year.

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

Residential garbage collection.

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

The residences of Miami-Dade County would be the target population. The route chosen will have 1100-1200 homes and collection will take place twice a week, 52 weeks a year.

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

A fully electric vehicle has great environmental benefits, zero emissions. There will be substantial savings on maintenance, tires, brakes fuel, etc. when compared to the cost of maintaining a standard diesel truck. It will also be a quieter vehicle on the routes.

- 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?

There are no penalties at this time. The truck will take 12-15 months to build and deliver once an order is placed with the truck manufacturer.



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2020-2021

LFIR # 1632

12. **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 funds requested is for an electronic garbage truck and does not include funding for a facility.

13. **Requestor Contact Information**

- a. First Name Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number Ext.

14. **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

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number Ext.