



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 1696

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

Miami-Dade Fire Rescue's (MDFR) goal is to provide first responders with 130 Electric Vehicle (EV) plugs and 130 fire blankets to effectively extinguish fires involving these vehicles caused by lithium-based power sources and for vehicle deactivation to safely allow extrications. A single EV fire can spread quickly and this equipment will deactivate the vehicle, contain the fire and control re-ignitions, allowing fire crews to move unaffected vehicles nearby.

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

State Agency contacted? Yes No

6. **Amount of the Nonrecurring Request for Fiscal Year 2024-2025**

Type of Funding	Amount
Operations	164,125
Fixed Capital Outlay	0
Total State Funds Requested	164,125

7. **Total Project Cost for Fiscal Year 2024-2025 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	164,125	50%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	164,125	50%
Other	0	0%
Total Project Costs for Fiscal Year 2024-2025	328,250	100%

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

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

9. **Is future funding likely to be requested?** Yes 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 No



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

Miami-Dade County received \$2,608,188,975.73 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; county services and also direct distributions to Miami-Dade municipalities.

Complete questions 11 and 12 for Fixed Capital Outlay Projects

11. Status of Construction

a. What is the current phase of the project?

- Planning
 Design
 Construction
 N/A

b. Is the project "shovel ready" (i.e permitted)?

No

c. What is the estimated start date of construction?

d. What is the estimated completion date of construction?

12. List 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.

13. 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	MDFR intends to purchase 130 fire blankets (\$925 per unit) to assist in containing fires caused by lithium-based power sources. MDFR intends to purchase 130 EV plugs (\$1,600 per unit) for vehicle deactivation to safely allow extrications.	164,125
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)		164,125

14. Program Performance

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



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

This project's purpose is to provide MDFR with EV fire suppression equipment. The EV Plug is the fastest and safest method currently available to deactivate an EV during the stabilization portion on an extrication operation. Fire blankets will allow first responders to create a thermal barrier where the lithium batteries can safely burn and consume themselves without allowing EV fires to spread.

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

Citizens of Miami-Dade County will benefit from this project as electric vehicles and technological advances often come with new risks to public safety. A single EV fire can quickly engulf other items. Fire blankets will contain fires preventing spread to other vehicles and nearby properties while decreasing the exposure to carcinogens produced by EV fires.

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

This Project will serve all communities of Miami-Dade County and the region. More than 2.7 Million residents will be served by this project.

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

Emergencies involving EVs and other lithium powered systems can lead to significant loss of life and property. EVs are often activated by phone apps, making it difficult for first responders to disable them during extrication operations. Without deactivating these vehicles, extrication of injured drivers will be delayed. MDFR can measure the amount of EV fires exterminated by the use of EV plugs and blankets. This will allow first responders to extract people from vehicles and prevent further damage to other vehicles and property near the emergency scene.

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?

Failure to meet deliverables will result in nonpayment.

15. Requester Contact Information

a. First Name **Last Name**

b. Organization

c. E-mail Address

d. Phone Number **Ext.**

16. 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



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University or College

Other (please specify)

d. First Name **Last Name**

e. E-mail Address

f. Phone Number

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number