



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 2641

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

The Electric Marine Vessel Demonstration project will allow the FWCC to purchase, test and evaluate the performance, maneuverability, and viability of new electric boats for use in marine patrol activities in both fresh and salt water. The new EV boats have exceptional performance, are environmentally friendly, quiet, durable, low maintenance, rechargeable and part of the emerging EV marine technology solutions for public safety on the water. As FWCC's fleet ages and becomes more expensive to maintain, purchasing an EV patrol boat to test in various patrol situations will allow the agency to determine if Electric marine vessels should be a part of their fleet in the future.

5. State Agency to receive requested funds

State Agency contacted?

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

Type of Funding	Amount
Operations	600,000
Fixed Capital Outlay	0
Total State Funds Requested	600,000

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)	600,000	100%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	0	0%
Other	0	0%
Total Project Costs for Fiscal Year 2024-2025	600,000	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.

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



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

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)?

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	Purchase, test drive and evaluate one of the new Electric powered vessels on the market in a variety of fresh and salt water situations	600,000
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)		600,000

14. Program Performance

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

The goal is to provide the FWCC the opportunity to purchase, deploy, evaluate and test the viability of a new Electric marine patrol vessel to determine if the performance, charging capacity, durability, maneuverability, comfort, environmental impact, safety and long term maintenance requirements would recommend future acquisition of Electric vessels. As FWCC's marine patrol fleet ages and maintenance and repair costs escalate, they can determine if the electric boats should be considered as replacement boats.

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



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The FWCC will be able to operate the Electric boat and evaluate the performance, durability, safety, noise levels, environmental impact and overall viability in inland and offshore environments to determine if they will meet their fleet needs and requirements. They will test the electric boat in various patrol situations on inland waterways, lakes, and near and off coastal shore environments.

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

The agency will be evaluating the environmentally friendly electric boat technology which would pollute waterways less, provide a quieter patrol environment and save state money on marine gas purchases, maintenance and repairs. Electric boats have fewer moving parts, require less maintenance, require no gas, do not discharge exhaust fumes under the water, are extraordinarily quiet and offer the same durability, comfort and reliability as internal combustion boat engines.

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

The target population is the FWCC's marine patrol operations, both inland waterway and coastal patrols. The electric boats should provide an environmentally, economically and efficient alternative to the existing gas powered marine patrol boat engines.

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

The expected outcome is for the FWCC to evaluate the performance and viability of the electric boats for possible use in their fleets for the future. The methodology will be the evaluation of the electric boat by patrol officers, fleet managers and current marine division leadership. Members of this group have test piloted an electric vessel for a short period and with the purchase and use of this boat determine the future opportunities for electric boats in the FWCC fleet.

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?

The agency will determine the deliverables and performance measures for successful testing of the electric boat.

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
- University or College
- Other (please specify) State Agency



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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