



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2021-2022

LFIR # 1298

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

4. **Project/Program Description**

The power supply to the J. Robert Dean Water Treatment plant is vulnerable to both natural and man-made hazards, including hurricanes, severe weather, radiological events and cyber attacks. The existing electrical systems connected to the three diesel-fueled engine generators are the heart of the standby system and a recent electrical equipment condition assessment identified and prioritized 11 critical projects. The Authority will be completing the four highest priority projects to ensure that residents and visitors of the Florida Keys will continue to have potable and sanitary water service, critical to public health protection, during emergency power outages. These critical projects include replacing the standby power system switch gear, two motor control centers and the automatic transfer switches. Much of this equipment is in excess of 30 years old, has reached the end of its useful life with limited availability for replacement parts.

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	0
Fixed Capital Outlay	994,792
Total State Funds Requested	994,792

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)	994,792	30%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	2,321,184	70%
Other	0	0%
Total Project Costs for Fiscal Year 2021-2022	3,315,976	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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No

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

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		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	The Authority will be replacing four electrical systems, connected to the three diesel-fueled engine generators, which are integral to the water treatment plants standby power system. The project includes replacing the standby power system switch gear, two motor control centers and the automatic transfer switches. Some of these components are over 30 years old, have reached their useful life.	994,792
Total State Funds Requested (must equal total from question #6)		994,792

12. Program Performance

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

Hardening of the system will ensure that the residents and visitors of the Florida Keys will receive potable and sanitary water during emergency conditions. Operations will become more reliable and efficient.

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

The Authority will be replacing four electrical systems, connected to the three diesel-fueled engine generators, which are integral to the water treatment plants standby power system. Standby power is critical to ensuring that potable and sanitary water can be provided to the residents and visitors of the Florida Keys during emergencies. The project includes replacing the standby power system switch gear, two motor control centers and the automatic transfer switches. Some of these components are over 30 years old, have reached their useful life and have limited replacement part availability.

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

The residents, businesses, health care facilities and visitors of the Florida Keys will be ensured a potable and sanitary water supply, critical to public health, during power supply outages at the water treatment plant.

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

The target population is the residents, business and visitors of the Florida Keys.
Approximately 158,700 individuals would be served.

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



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be measured?

Providing water to the public during an emergency is critical to public health. In addition to basic human consumption requirements, supplying water during an emergency will ensure that basic hygiene and sanitation is achieved, that medical services can resume and recovery can be expedited. The outcome will be measured by comparing power outages and water supply services prior to the improvement in relation to these services after the improvements.

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?

Withhold additional funding.

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 Florida Keys Aqueduct Authority both owns and operates the facility.



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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) Special District State of Florida

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?

Projects are going to bid.

20. What percentage of the construction has been completed?

0

21. What is the estimated completion date of construction?

09/21/2022