



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2024-2025

LFIR # 2517

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

4. Project/Program Description

The Town of Dundee has a population of approximately 6,100 and operates two water plants and a wastewater plant. Dundee is a Rural Economic Development Initiative (REDI) community with eight distress factors. The facilities have no monitoring to only very minimal processes being monitored with any type of alarm system. By collecting and monitoring real-time data, SCADA shows an overview of how each key piece of equipment in the plant is performing. Sensors on the equipment send signals through remote terminal units (RTU) and PLCs. This gives the SCADA system the ability to pinpoint anomalies in system functions based on the collected data, thereby allowing staff to promptly take action on issues. SCADA allows personnel to make more informed decisions and links equipment with operators. The SCADA system links key components to facilitate transmission of data from the physical equipment to the operator's display screen to meet compliance requirements.

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	0
Fixed Capital Outlay	410,000
Total State Funds Requested	410,000

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)	410,000	93%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	30,000	7%
Other	0	0%
Total Project Costs for Fiscal Year 2024-2025	440,000	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.**
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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.

Funds received of \$2.5 M planned for these projects:
 New Wastewater Plant Headworks with Grit and Wipes Removal \$1.6 M
 New Water Plant Ground Storage Tanks (2) \$1.5 M

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.

Town of Dundee is a Florida municipality and the owner of both water and wastewater facilities.

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		0
Consultants/Contracted Services/Study		0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	The project is in the planning stage. State Funds will be combined with Town of Dundee funds to design, build, implement and integrate the new SCADA and PLC network systems at the plants. The CSADA/PLC networks will be performed by a System Integrator contracted through an RFP who will purchase the components, build/install the systems, programming and test Scada systems at the water and wastewater plants and systems.	410,000
Total State Funds Requested (must equal total from question #6)		410,000



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14. Program Performance

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

The collection of plant and field information, transferring it to a central computer, and displaying the information to the operator graphically or textually, thereby allowing the operator to monitor or control an entire system from a central location in real time. Efficient and accurate automated monitoring is crucial to water and wastewater treatment facilities. With this data, the operators have an opportunity to see problems like leaks, overflows or chemical imbalances. With access to up-to-date information on these potential problems gives water and wastewater operations a chance to fix these issues in advance, reducing plant downtime that can result in regulation violations and costly fines. .

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

The services provided by a SCADA system provides status displays for all plant major equipment, trends, and alarms. It is a computer control system that is used to monitor and control plant processes data communications, graphical user interface, and extended management controls that monitor the plant systems. This will provide more efficient operations and staff hours.

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

The benefits that citizens will receive is: 1) reduce down time, 2) reduce energy costs, process improvements, and shorten staff hours to be available for other tasks.

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

The population served our town residents of approximately 6200 people excluding the functional population .

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

By collecting and monitoring real-time data, SCADA shows an overview of how each key piece of equipment in the plant is performing. Sensors on the equipment send signals through remote terminal units and PLCs. This gives the SCADA system the ability to pinpoint anomalies in system functions based on the collected data allowing the plants to promptly take action on the issues.

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?

Standard contract penalties and revocation of funds.

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)



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- 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

17. Lobbyist Contact Information

a. Name

b. Firm Name

c. E-mail Address

d. Phone Number

Please complete the questions below for Water Projects only.

18. 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

19. 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

20. What is the status of construction?

21. What percentage of the construction has been completed?



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0%

22. What is the estimated completion date of construction?

05/30/2025