



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2023-2024

LFIR # 1581

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. Project/Program Description

This novel project will reduce flooding by creating additional stormwater storage and using some of the excess water for irrigation, thus also reducing downstream floodwaters into Osceola County. The goals of the Orlo Vista Integrated Water Resources Project are to mitigate flooding of the Orlo Vista neighborhood, which was impacted by recent hurricanes, and to augment Orange County's reclaimed water supply, which will offset the need for fresh groundwater withdrawals. The project will involve pumping a lower base flow from the Orlo Vista Lake system to the headwaters of Shingle Creek and then withdrawing water approximately seven (7) miles south at Orange County's South Water Reclamation Facility (SWRF).

Currently, the Orlo Vista Yield Analysis is being completed, which will quantify the amount of storm-water, currently estimated at 2-5 million gallons per day (MGD), that can be withdrawn from Shingle Creek for beneficial reuse.

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

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2023-2024

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	6,000,000
Total State Funds Requested	6,000,000

7. Total Project Cost for Fiscal Year 2023-2024 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	6,000,000	50%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	6,000,000	50%
Other	0	0%
Total Project Costs for Fiscal Year 2023-2024	12,000,000	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.**



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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.

No COVID-19 funds have gone to this project. Orange County has received \$243 million in CARES Act funds, and \$270 million from the American Rescue Plan Act (ARPA) local recovery funding. Uses of the funds include things like rental/mortgage assistance, payroll assistance, facilities alteration expenses and employee/customer hygiene supplies, etc.

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

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.

Orange County Utilities -owner of proposed project components and the South Regional Water Reclamation Facility.

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits	NA	0
Other Salary and Benefits	NA	0
Expense/Equipment/Travel/Supplies/Other	NA	0
Consultants/Contracted Services/Study	NA	0
Operational Costs: Other		
Salary and Benefits	NA	0
Expense/Equipment/Travel/Supplies/Other	NA	0
Consultants/Contracted Services/Study	NA	0
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	The preliminary construction cost estimate for this project totals to \$10,500,000. It is assumed that the engineering and planning cost will equate to 15% of the estimated construction cost, \$1,500,000. Half of this cost will be funded by the state, the other will be funded locally.	6,000,000
Total State Funds Requested (must equal total from question #6)		6,000,000

14. Program Performance



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

The Orlo Vista Integrated Water Resources Project will achieve flood mitigation benefits for the Orlo Vista neighborhood and additional reclaimed water supply while reducing downstream floodwaters into Osceola County.

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

The services include design and construction of the following major project components: raw water pipeline, 2-5 million gallon per day intake system, electrical/instrumentation conduit and wire, access road, high-rate clarification system, disc filter system, finished water piping, and backwash piping.

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

Flood mitigation and additional availability of reclaimed water will be provided to Orange County and reduction of downstream floodwaters into Osceola County citizens. These benefits will be delivered at no cost to the citizens.

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

The Orlo Vista neighborhood, a financially disadvantaged community, consists of over 6,000 residents who will see flood mitigation improvements.
Depending on the amount of water that can be withdrawn from Shingle Creek, 2-5 million gallons of reclaimed water can serve 17,000-40,000 homes. The reclaimed water can be utilized for other beneficial uses such as irrigation and in-plant operations.

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

The availability of additional reclaimed water will offset traditional groundwater use. Additionally storm-water management will be improved in the Orlo Vista neighborhood.
The outcomes listed above will be measured by the following methodologies:
1. Groundwater offset will be equal to the amount of reclaimed water produced.
2. Storm-water management improvements will be measured through observation during a large storm event and monitoring the Orlo Vista lake system. If flooding is prevented, the project has met its intended outcome.

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?

There aren't any suggested penalties.

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?

4/01/2027