



# The Florida Senate

## Local Funding Initiative Request

### Fiscal Year 2020-2021

LFIR # 1101

1. **Project Title**

2. **Senate Sponsor**

3. **Date of Request**

4. **Project/Program Description**

The requested funds will be used to offset a portion of the costs of constructing an Aquifer Recharge or Aquifer Storage & Recovery project that would draw from naturally-treated water stored in a 400-acre former shell rock mine, and then recharge the excess surface water to the Upper Floridan Aquifer through a system of recharge wells. This project will remove pollutants that flush to tide following tropical storms or hurricane events, feeding Harmful Algae Blooms (HABs) affecting Florida's coastline.

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

State Agency contacted?  Yes  No

6. **Amount of the Nonrecurring Request for Fiscal Year 2020-2021**

Type of Funding	Amount
Operations	<input style="width: 100%;" type="text" value="000"/>
Fixed Capital Outlay	<input style="width: 100%;" type="text" value="3,000,000"/>
<b>Total State Funds Requested</b>	<b>3,000,000</b>

7. **Total Project Cost for Fiscal Year 2020-2021 (including matching funds available for this project)**

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	<input style="width: 100%;" type="text" value="3000000"/>	<input style="width: 100%;" type="text" value="50.0"/> %
<b>Matching Funds</b>		
Federal	<input style="width: 100%;" type="text" value="00"/>	<input style="width: 100%;" type="text" value="0"/> %
State (excluding the amount of this request)	<input style="width: 100%;" type="text" value="00"/>	<input style="width: 100%;" type="text" value="0"/> %
Local	<input style="width: 100%;" type="text" value="3,000,000"/>	<input style="width: 100%;" type="text" value="50"/> %
Other	<input style="width: 100%;" type="text" value="00"/>	<input style="width: 100%;" type="text" value="0"/> %
<b>Total Project Costs for Fiscal Year 2020-2021</b>	<b>6,000,000</b>	<b>100</b> %

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

If yes, provide the most recent instance:

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	Nonrecurring		
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

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

If yes, indicate nonrecurring amount per year.



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**10. Details on how the requested state funds will be expended**

Spending Category	Description	Amount
<b>Administrative Costs:</b>		
Executive Director/Project Head Salary and Benefits	N/A	0
Other Salary and Benefits	N/A	0
Expense/Equipment/Travel/Supplies/Other	N/A	0
Consultants/Contracted Services/Study		
<b>Operational Costs: Other</b>		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
<b>Fixed Capital Construction/Major Renovation:</b>		
Construction/Renovation/Land/Planning Engineering	The requested funds will be used to to cost share the construction of two (2) non-hazardous Class V Aquifer Recharge Injection Wells with capacities of up to 18.5 MGD, three (3) monitor wells, and other necessary appurtenances to recharge reclaimed water meeting high-level disinfection standards into the Upper Floridan Aquifer for a maximum wet-weather backup disposal of up to 18 million gallons per day (MGD).	3,000,000
<b>Total State Funds Requested (must equal total from question #6)</b>		<b>3,000,000</b>



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#### 11. Program Performance

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

Sarasota County Bee Ridge Water Reclamation Facility (WRF) is one of three wastewater treatment facilities Sarasota County owns and operates to process wastewater into reclaimed water, which is used as an irrigation water supply for residential developments and golf courses. The WRF has a capacity to treat 12 million gallons of wastewater per day (MGD) and is accompanied with a reclaimed water storage pond having a maximum capacity of 170 MG. Reclaimed water demand is at its highest during the dry season and at its lowest during the rainy season, making it a challenge to balance seasonal needs and storage requirements. To address this challenge Sarasota County received a permit from the Florida Department of Environmental Protection (FDEP) on December 26, 2017 to construct two aquifer recharge wells at the facility.

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

This funding will help cost share the construction of two (2) non-hazardous Class V Aquifer Recharge Injection Wells with capacities of up to 18.5 MGD, three (3) monitor wells, and other necessary appurtenances to recharge reclaimed water meeting high-level disinfection standards into the Upper Floridan Aquifer for a maximum wet-weather backup disposal of up to 18 million gallons per day (MGD).

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

Replacement of aging septic systems within the Sarasota and Lemon Bay Watersheds with central sewers and the removal of up to 25 pounds per year of nitrogen from the watershed for each septic system converted to central sewer.

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

N/a

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

The recharge of up to 18 MGD of highly treated reclaimed water to the Upper Floridan Aquifer will counteract the effects of regional withdrawals and help to prevent landward migration of saline groundwater from the Gulf coast and upward migration of mineralized groundwater from deeper zones within the aquifer. These recharge wells, along with conventional storage and the cooperatively funded Central County ASR well, are part of the County's overall strategy to increase beneficial reuse and reduce discharge to deep injection wells where possible.

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 in the contract?

Funding could be withheld for any items that fail to meet deliverable or performance measures.



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12. **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 requesting entity and the facility owners are one and the same.

13. **Requestor Contact Information**

- a. First Name  Last Name
- b. Organization
- c. E-mail Address
- d. Phone Number  Ext.

14. **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)
- d. First Name  Last Name
- e. E-mail Address
- f. Phone Number

15. **Lobbyist Contact Information**

- a. Name
- b. Firm Name
- c. E-mail Address
- d. Phone Number  Ext.



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**Please complete the questions below for Water Projects only.**

16. **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

17. **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

18. **What is the status of construction?**

19. **What percentage of the construction has been completed?**

20. **What is the estimated completion date of construction?**

***The information provided will be posted to the Florida Senate website for public viewing if sponsored by a Senator.***