



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2022-2023

LFIR # 1419

1. Project Title

2. Senate Sponsor

3. Date of Request

4. Project/Program Description

Thomas Street Pump Station is a vital lifeline for residents living in the 50 acre drainage basin. The original pump station was built in 1976 and has reached the end of its designed useful life. From 2017 Hurricane Irma, the pump station has experienced at least one major breakdown annually. In addition, the original pump capacity 18,000 GPM (gallon per minute) can no longer serve the drainage needs due to King Tides and projected Sea Level Rise (SLR). The proposed project will replace the original pump station with a 85,000 GPM pump station with a backup generator and up-sized discharge pipe. Overhead utilities will be buried underground and there will be a on-site water treatment facility to ensure water quality before discharged into Intracoastal. This project will meet SFWMD Level of Service criteria for both current and 30-year SLR tidal conditions. Newly paved roadway and beautiful landscape will be added to make the neighborhood pedestrian and vehicular friendly.

5. State Agency to receive requested funds

State Agency contacted?

6. Amount of the Nonrecurring Request for Fiscal Year 2022-2023

Type of Funding	Amount
Operations	0
Fixed Capital Outlay	1,837,500
Total State Funds Requested	1,837,500

7. Total Project Cost for Fiscal Year 2022-2023 (including matching funds available for this project)

Type of Funding	Amount	Percentage
Total State Funds Requested (from question #6)	1,837,500	50%
Matching Funds		
Federal	0	0%
State (excluding the amount of this request)	0	0%
Local	1,837,500	50%
Other	0	0%
Total Project Costs for Fiscal Year 2022-2023	3,675,000	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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The construction is planned for 2 years. City of Delray Beach will secure \$1,837,500 each fiscal year from stormwater budget to be used towards this project. To date City of Delray Beach has spent \$1,995,324 local money in emergency repair, engineering analysis and design.

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

Yes

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

\$5.4M fund was received and the fund was used for revenue shortfall.

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	City of Delray Beach will hire licensed general contractor and full-time project representative (construction, engineering and inspection (CEI) services) to construct Thomas Street Pump Station Project. The requested state fund will be expended 100% to pay for general contractor's service (including time, labor, material and profit).	1,837,500
Total State Funds Requested (must equal total from question #6)		1,837,500

12. Program Performance

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

To construct a new stormwater pump station which has reliable and adequate pumping capacity as defined by South Florida Water Management District (SFWMD) Level of Service criteria for residents living in Thomas Street drainage basin.

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

Activities: Construction of a new 85,000 GPM pump station with a backup generator; Conversion of overhead utilities into underground utilities; Installation of on-site water treatment facility; Installation of larger drainage pipes, outfall pipe and wet well. Reconstruction of roadway and added beautiful landscape.

Service: provide reliable efficient stormwater pumping service in the Thomas Street basin for the protection against King Tides, Severe Storms (like Tropical Storms or Hurricanes) and projected Sea Level Rise. It is to prevent street flooding or flood damage to properties, landscape and people.

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



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Direct Service: reliable and efficient stormwater drainage service, improved continuous FPL utility service for the pump station during storm season like hurricanes, increased neighborhood resiliency against at least 30 year projected sea level rise, improved ability of emergency vehicles going in and out to help people in needs, reduced risk to public health and safety due to standing water and potential hazards underwater.

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

Target population is the residents in Thomas Street Drainage Basin (about 50 acres), downtown business entities, emergency evacuation residents and visitors. Estimated about 1000 people will be served and benefit from this project.

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

1. Reduced breakdown and maintenance cost from an aging pump station. In 03/2019, Thomas Street pump station broke down and couldn't be fixed for 6 months. In order to keep this lifeline of Thomas Street neighborhood going, especially for the upcoming rain season, City of Delray Beach had to issue an emergency acquisition in the amount of \$319,598 to install bypass pumps, order temporary repairs, diagnose breakdown cause and order new motor. The benefit of a new pump station will be the saving of expensive breakdown cost, which can alone justify the cost of project by only 23 years of avoidable possible cost (assuming 1 major breakdown per year). The outcome will be measured by the reduced operation and maintenance cost at Thomas Street Pump Station.

2. Reduced street flooding and protection from SLR. This benefit will be measured by comparing standing water duration and water depth before and after. Existing flooding condition is about 6-10 inch water depth and lasting 3 days.

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?

City of Delray Beach has done similar large infrastructure projects in 2019 and 2021. Both City Marina and Veteran Park improvement projects were successfully delivered as planned. City of Delray Beach is confident in meeting deliverables and performance measures provided in the contract. A suggested penalty can be 10% payment reduction if any deliverable or performance measure is not met.

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.

Not Applicable



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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)

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?

Not started, at 90% design

20. What percentage of the construction has been completed?

0%

21. What is the estimated completion date of construction?

05/31/2024