



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1843

1. **Title of Project:** Palatka Drinking Water Infrastructure Improvements

2. **Senate Sponsor:** Keith Perry

3. **Date of Submission:** 01/22/2019

4. **Project/Program Description:**

Palatka, a REDI community, needs to replace failing water lines that range in age from 85 – 130 years old in order to correct poor water quality and alleviate excessive water loss within the system. Due to the age and condition of the pipes, there is a high level of tuberculation and this causes an issue with the water quality currently being offered to residents. Along with the tuberculation, biofilm, or layers of bacteria, collect and build up on the interior of corroded pipe and has been linked to contamination in the water supply and threats to public health. It grows layer upon layer on the interior of the pipe (<http://www.waterandhealth.org/drinkingwater/safewater.html>). The tuberculation and layers of biofilm cause the interior of pipes to become clogged and water pressure can become insufficient to protect against fire. This Appropriation request is for Phase VII, approximately 10,000 SF of pipe replacement within the City of Palatka.

5. **State Agency to receive requested funds :** Department of Environmental Protection

State Agency Contacted? Yes

6. **Amount of the Nonrecurring Request for Fiscal Year 2019-2020**

Type of Funding	Amount
Operations	
Fixed Capital Outlay	1,500,000
Total State Funds Requested	1,500,000

7. **Total Project Cost for Fiscal Year 2019-2020 (including matching funds available for this project)**

Type of Funding	Amount	Percent
Total State Funds Requested (from question #6)	1,500,000	27.3%
Federal	0	0.0%
State (excluding the amount of this request)	2,500,000	45.5%
Local	1,500,000	27.3%
Other	0	0.0%
Total Project Costs for Fiscal Year 2019-2020	5,500,000	100.0%

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

Fiscal Year (yyyy-yy)	Amount		Specific Appropriation #	Vetoed
	Recurring	NonRecurring		

9. **Is future-year funding likely to be requested?** Yes



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1843

a. If yes, indicate non-recurring amount per year. 1500000

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

Spending Category	Description	Amount
Administrative Costs:		
Executive Director/Project Head Salary and Benefits		
Other Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Operational Costs:		
Salary and Benefits		
Expense/Equipment/Travel/Supplies/Other		
Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation:		
Construction/Renovation/Land/Planning Engineering	Final Design, Bid Advertisement, Inspection, Permitting, and Construction of Potable Lines	1,500,000
Total State Funds Requested (must equal total from question #6)		1,500,000

11. Program Performance:

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

To replace failing water lines that range in age from 85 – 130 years old to correct poor water quality and alleviate excessive water loss within the system. Due to the age and condition of the City’s pipes, there is a high level of tuberculation causing an issue with the water quality currently being offered to residents. Along with the tuberculation, biofilm, or layers of bacteria, collect and build up on the interior of corroded pipe. Biofilm consists of nutrients, microbes, worms and water-borne pathogens and has been linked to contamination in the water supply and threats to public health. (<http://www.waterandhealth.org/drinkingwater/safewater.html>). The tuberculation and layers of biofilm cause the interior of pipes to become clogged and water pressure can become insufficient. The new infrastructure will also decrease the current issue plaguing residents, Red Water with high-particulate iron concentrations due to corrosion. It is a common water quality-related customer complaint.

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

Replacing the old and outdated potable water supply infrastructure with sustainable, newer PVC materials will alleviate the concern of both contamination and the possibility of low water pressure within the existing system. Low pressure can cause a problem in the event of fire as the hydrants might not have the pressure needed to put out the threat. The new infrastructure will also decrease the current issue plaguing residents, Red Water. Red water is the generic term for water with high-particulate iron concentrations due to corrosion byproduct release. It is a common water quality-related customer complaint in the project area: tap water with objectionable tastes, odors and staining (<https://www.corrosionpedia.com/definition/965/red-water>).The



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1843

replacement of the failing pipes with PVC will serve to alleviate water loss through leaks, breaks, and the need to regularly flush the system as PVC does not have the issues with tuberculation that plagues cast iron.

c. What are the direct services to be provided to citizens by the appropriations project?

This project will enable the City of Palatka to distribute potable water with a high water quality, and adequate water pressure free from the contamination of tuberculation, biofilm and high particulate iron concentrations. This project will also improve fire protection through increased fire flow, increased number of hydrants and equidistant placement of fire hydrants within the City.

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

The target population served by this project is the population of the City of Palatka. The City is comprised of households with low to moderate income levels, a high percentage of low income housing, and lower than average property values. These factors contribute to the City's current fiscally constrained status. With this application the City is seeking to fund phase VII of this multiphase plan of potable water line replacement. Phase VII would replace approximately 10,000 linear feet of the City's failing potable water infrastructure.

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

The City will be able to deliver cleaner and safer drinking water free of biofilm that can lead to water contamination to residents currently being serviced by failing and aged pipes. The public safety of residents will also improve as current leaks and breaks can adversely affect water pressure which can be a problem in the event of a fire if the hydrant does not have adequate water pressure to be utilized by the fire department. The outcome can be measured by the reduction in frequency of flushing needs, the reduction in the number of breaks and leaks, the reduction in the complaints from citizens of red water, and the increase in available pressure at fire hydrants.

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?

In addition to the specified financial penalties, the City reserves the right to reject bids from contractors/firms with previous performance issues.

12. The owner(s) of the facility to receive, directly or indirectly, any fixed capital outlay funding. Include the relationship between the owner(s) of the facility and the entity.

City of Palatka

13. Requestor Contact Information:

- a. **Name:** Terrill Hill
- b. **Organization:** Mayor, City of Palatka
- c. **E-mail Address:** thill@palatka-fl.gov
- d. **Phone Number:** (386)329-0100

14. Recipient Contact Information:

- a. **Organization:** City of Palatka
- b. **County:** Putnam



The Florida Senate

Local Funding Initiative Request

Fiscal Year 2019-2020

LFIR#: 1843

c. Organization Type:

- For Profit
- Non Profit 501(c) (3)
- Non Profit 501(c) (4)
- Local Entity
- University or College
- Other (Please specify) Municipality

d. Contact Name: Jonathan Griffith

e. E-mail Address: jcgriffith@palatka-fl.gov

f. Phone Number: (329)329-0107

15. Lobbyist Contact Information

a. Name: Lisa Hurley

b. Firm Name: Smith, Bryan & Myers

c. E-mail Address: lhurley@smithbryanandmyers.com

d. Phone Number: (850)224-5081

Please complete the questions below for Water Projects only

16. Have you applied for alternative state funding?

- Wastewater Revolving Loan
- Drinking Water Revolving Loan
- Small Community Wastewater Treatment Grant
- Other (Please describe)
- 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? Phase 1 is complete. Phase II-V has been funded This request is for Phase VII

19. What percentage of construction has been completed? 30% has been completed in Phases I-III.

20. What is the estimated completion date of construction? 12/31/2020