



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

1. **Title of Project:** City of Largo Underground Fiber Network

2. **Senate Sponsor:** Jeff Brandes

3. **Date of Submission:** 12/24/2017

4. **Project/Program Description:**

The City is installing a survivable fiber optic network communications infrastructure in a three-phase project; the first two phases are complete and funding for the last phase is being sought. The purpose is to have a Synchronous Optical Network, or SONET Ring (known as a “self-healing ring”), where two or more transmission paths between network switches are used to cross-connect data transmission points. If a line breaks, another line will still be functioning. The goal is to create redundant fiber optic connections between key City buildings and ensure sites remain connected to the Data Center in the event of network hardware failure or failure of the fiber optic cabling. All data cabling will be underground, creating a synchronized network, that, if one part is disabled, there are additional transmission lines available to maintain the City’s connectivity, thus maintaining services to its residents and utility customers in its Service Area. The City has matching funds available.

5. **State Agency Contacted?** No

a. If yes, which state agency?

b. If no, which is the most appropriate state agency to place an appropriation for the issue being requested?
Department of Transportation

6. **Amount of Non-recurring Requested for fiscal year 2018-19:**

Amount Requested for Operations	Amount Requested for Fixed Capital Outlay	Total Amount of Requested State Funds
	450,000	450,000

7. **Type, amount and percent of matching funds available for this project for fiscal year 2018-19:**

Type	Amount	Percent
Federal	0	0.0%
State (excluding the amount of this request)	0	0.0%
Local	0	0.0%
Other	0	0.0%
TOTAL	0	0.0 %

8. **Total Project Cost for fiscal year 2018-19 (including the Total Amount of Requested State Funds):** 450,000



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

9. Previous Year Funding Details:

- a. Has funding been provided in a previous state budget for this activity? No
- b. In the previous 5 fiscal years, how many years was funding provided? (Optional)
- c. What is the most recent fiscal year the project was funded?
- d. Were the funds provided in the most recent fiscal year subsequently vetoed?
- e. Complete the following Worksheet.

FY:	Input Prior FY Appropriation for this project for FY 2017-18		
	A	B	C
	(If appropriated in FY 2017-18 enter the appropriated amount, even if vetoed.)		
Column:	A	B	C
Funds Description:	Prior Year Recurring Funds *	Prior Year Nonrecurring Funds *	Total Funds Appropriated (Column A + Column B)
Input Amounts:			

10. Is future-year funding likely to be requested?

No

11. Program Performance:

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

The goal of this project is to continually improve the City's communication networks thereby allowing the City of Largo to keep public services available during emergencies. Specifically, the project will connect the Data Center to Community Center and Community Center to Public Works (Streets & Drainage Building) allowing the City to be prepared to respond in emergencies, recover from them, and mitigate against their impacts. The project aligns with the City's Strategic Plan focus on public health and safety and helps ensure the City's Initiative #3 (Strategic Plan) under the Public Health and Safety Focus Area: Ensure the health, safety, and economic viability of the community through effective emergency management. The goals aligned with this initiative are 1) Implement emergency mitigation strategies that reduce the impact of hazards and disasters on the community; and 2) Ensure City services are provided during and after an emergency event.

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

In the event of a hurricane or other emergency, the City of Largo will have a redundant fiber connection in order to keep City services available to residents in the City's Service Area.

c. How will the funds be expended?

Spending Category	Description	Amount



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

Administrative Costs		
<input type="checkbox"/> Executive Director/Project Head Salary and Benefits		
<input type="checkbox"/> Other Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Operational Costs		
<input type="checkbox"/> Salary and Benefits		
<input type="checkbox"/> Expense/Equipment/Travel/Supplies/Other		
<input type="checkbox"/> Consultants/Contracted Services/Study		
Fixed Capital Construction/Major Renovation		
<input checked="" type="checkbox"/> Construction/Renovation/Land/Planning Engineering	Installation of underground fiber data network that has redundant connection to prevent failures if damaged	450,000
TOTAL		450,000

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

Provision of public health, safety, and emergency management services, including disaster response, hurricane preparedness, and post-disaster recovery through redundant fiber optic connections between key City buildings including the Police Department, the Emergency Operations Center, the Community Center, and the Public Works Department's Streets and Drainage building. Self-healing rings offer high levels of resilience at low cost since it is cost effective to take multiple paths across the City's geographical landscape and link them up into a ring with very little extra fiber length.

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

Constituents in the Largo Service Area; estimated at 115,000 individuals.

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

Dollars saved by mitigating repetitive losses; capability rating of the City's capacity to respond to emergencies; and average number of months required for the City to completely recover from a disaster.



The Florida Senate

Local Funding Initiative Request - Fiscal Year 2018-2019

- g. 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?**

Penalty clauses for missing milestones or not maintaining adequate progress, thus endangering performance of the contract; penalties might include reduction and/or loss of State appropriation. Project completion proposed within twelve (12) months of a competitive procurement process concluding.

- 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 Largo

- 13. Requestor Contact Information:**

- a. **Name:** Henry Schubert
- b. **Organization:** City of Largo
- c. **Email:** citymanager@largo.com
- d. **Phone Number:** (727)586-7454

- 14. Recipient Contact Information:**

- a. **Organization:** City of Largo
- b. **County:** Pinellas
- c. **Organization Type:**
 - For Profit
 - Non Profit 501(c) (3)
 - Non Profit 501(c) (4)
 - Local Entity
 - University or College
 - Other (Please specify) Local Government
- d. **Contact Name:** Meridy Semones
- e. **E-mail Address:** msemones@largo.com
- f. **Phone Number:** (727)587-6727

- 15. If there is a registered lobbyist, fill out the lobbyist information below.**

- a. **Name:** None
- b. **Firm:** None
- c. **Email:**
- d. **Phone Number:**