

City of Tamarac
Interoffice Memorandum
Public Services Department

To: Michael C. Cernech, City Manager
Thru: Jack Strain, Public Services Director
From: Mike Cain, Public Services Superintendent
Date: October 12, 2020
**Re: Temp. Reso. No. 13522 – Authorize Stormwater Slip Lining Project -
October 28, 2020 Commission Agenda**

Recommendation:

I recommend that the City Commission approve an Agreement with Shenandoah General Construction for the repairs to the stormwater pipe and outfall located on Site 5 located within Canal Zone 6, utilizing Broward College Contract Number RFP-2018-167-EH, and authorize the appropriate City Officials to execute said Agreement; authorize an appropriation and expenditure for the project at a contract amount not to exceed \$120,950.00, a contingency of \$12,095.00 (10%) will be added to the project, for a total project budget not to exceed \$133,045.00.

Issue:

To execute an Agreement with Shenandoah General Construction LLC for Slip Lining Repairs to the stormwater pipe and outfall located on Site 5 located within Canal Zone 6 at a contract cost not to exceed \$120,950.00, a contingency of \$12,095.00 (10%) will be added to the project, for a total project budget not to exceed \$133,045.00.

Background:

The City is responsible for public waterways and canals within the City of Tamarac. Regular cleaning and maintenance of culverts, stormwater retention and detention areas, swales, and ditches, within that system is essential to provide adequate water flow and drainage to mitigate flooding risks and overall management of stormwater. Adequate water flow within the canals and waterways also aids in maintaining the standard of appearance set in the City of Tamarac.

The Public Services Department typically uses contractors to clean large diameter culverts (i.e. 48 inches and larger). The cleaning of the culverts ensures stormwater is able to flow freely through the City's Stormwater System and aids to prevent flooding. Over time, sediment and other materials can buildup in the culverts, and this requires the obstructing material be removed. The use of a contractor for the large diameter culverts is preferable due to the amount of labor hours involved, specialized equipment, and the use of underwater divers to inspect culverts, pre-and post-cleaning. The City of Tamarac has determined repairs are needed to the stormwater pipe and outfall located on Site 5 located within Canal Zone 6, NW 79 Avenue, including, but not limited to, the removal of the existing outfall ends, heat fuse HDPE pipe, and install 63" OD HDPE DR32.5 into existing failing 72" stormwater pipe, due to the age of the existing pipe of

more than 50 years, and the condition, which includes gap separation, rust, corrosion and sediment intrusion throughout the pipe.

The Public Services Staff has determined the Contract No. RFP-2018-167-EH, awarded by Broward College to Shenandoah General Construction, is a cost-effective means to perform the proposed work. That Agreement is effective through November 26, 2021, and is available for the City of Tamarac to utilize.

Contract Summary:

Scope of Project: Stormwater System Repairs, Inspection Services

Type of Project: Culvert Inspection, Maintenance, and Construction

Contract Title: Broward College Contract Number RFP-2018-167-EH for Storm Drain Cleaning, Repairs and Maintenance

Contract Term: Effective November 18, 2018 through November 26, 2021

Project Schedule: 30 days from NTP for substantial completion, 15 days from Substantial Completion for final completion (45 days total)

Fiscal Impact:

Per the Agreement between the City of Tamarac and Shenandoah General Construction, the proposed stormwater repairs provides for a contract cost of \$120,950.00, a contingency of \$12,095.00 will be added to the project for a total project budget of \$133,045.00. Although no significant issues are anticipated, the contingency is reasonable considering the nature of the project. The construction may result in work beyond the original scope, including but not limited to the requirement of MOT; and, the contingency would allow for the timely and safe conclusion of the project. Expenditure of the contingency would require approval of the City Manager.

This project was unanticipated and unbudgeted, however adequate funding exists in the Stormwater Capital Fund; and an appropriation not to exceed \$133,045.00 for the contract cost of \$120,095.00 and a contingency of \$12,095.00 will be required pursuant to F.S. 166.241(2) and will be included in a future Budget Amendment.