

## A G E N D A



## Recommendation for Council Action (CCO)

Austin City Council	Item ID:	59335	Agenda Number	17.
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Meeting Date: June 23, 2016

Department: Capital Contracting Office

## Subject

Authorize execution of change order # 2 to the construction contract with INSITUFORM TECHNOLOGIES, LLC for the Rehabilitation of Wastewater Lines Through Trenchless Process – EPA SAAP Grant project in the amount \$508,888.43, using existing funds and authorizing an additional \$427,146.81, plus an additional contingency of \$50,888.85, for a total contract amount not to exceed \$5,167,239.28.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2015-2016 Capital Budget of Austin Water

## Fiscal Note

A fiscal note is attached.

Purchasing Language:	Original contract was awarded through a competitive Invitation for Bid solicitation process.
Prior Council Action:	December 11, 2014 - Council authorized a construction contract with Insituform Technologies, LLC.
For More Information:	Rolando Fernandez, 512-974-7749; Sarah Torchin, 512-974-7141; Lucy Thompson, 512-974-7967; Denise Avery, 512-972-0104; Connie Smith, 512-974-7274; Mike Russ, 512-972-2054.
Boards and Commission Action:	June 8, 2016 - Recommended by the Water and Wastewater Commission on a vote of 7-0 with Commission Lee off the dais and Commissioner's Kellough, Ho, and Fishbeck Maia absent.
Related Items:	
MBE / WBE:	This contract was awarded in compliance with the requirements of 49 CFR Part 26 (Disadvantaged Business Enterprise Program) and Chapter 2-9A of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goal with 10.82% DBE participation to date.

## Additional Backup Information

This project involves complete rehabilitation of existing wastewater lines using the trenchless process known as Cured In-Place Pipe. The Cured In-Place Pipe rehabilitation work on this project includes approximately 2,028 linear feet of 36-inch diameter main; 3,531 linear feet of 42-inch diameter main; and 4,682 linear feet of 48-inch diameter main. The aging concrete pipelines are deteriorated due to corrosion from sewer gases. It is noted that this project included a grant of \$776,000 from the US Environmental Protection Agency. The Texas Water Development Board assisted in processing the grant.

The work on this project includes two main locations generally identified as Shoal Creek and Williamson Creek due to the pipe's proximity to the two creeks. The Shoal Creek work is along Shoal Creek Blvd and extends from approximately 1,100 feet north of Allandale Road/FM 2222 southward to Hancock Drive. The Williamson Creek work is generally located along the bed and banks of Williamson Creek beginning at South Congress Avenue and continuing downstream to near I-35.

During construction, several items were identified that were unforeseen and required modifications to the contract to minimize impacts to the neighborhood and environment. These items included an alternative bypass pumping discharge location, length of pipe requiring Cured In-Place Pipe, and additional restoration in park land. In order to significantly reduce lane closures on Shoal Creek Blvd, an alternative bypass route was longer than originally bid and required additional pavement restoration. The additional restoration efforts exceeded quantities in the original bid and were requested by the Park and Recreation Department and the Watershed Protection Department to restore areas disturbed during construction.

During the second phase of the project (currently underway), the condition of the pipe was assessed with a multi sensor platform which allowed the wall thickness to be measured and the assessment confirmed that it was necessary to line the pipe. Change order # 2 will provide the funds required to cover the additional cost of lining the pipe, provide access to manholes in Williamson Creek, and perform restoration of the vegetated areas.

The request for additional contingency will allow for the expeditious processing of change orders if additional unforeseen conditions are encountered. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project.

This change order has been approved by the City's Change Control Committee. The Change Control Committee was established to comply with Council Resolution No. 20120126-048, which required the establishment of consistent criteria and process to evaluate contractual changes for all contracts administered by the Capital Contracting Office. The Change Control Committee is comprised of management-level subject matter experts.

This project is located within zip codes 78745 (District 3) and 78756 (District 7). This project is managed by the Public Works Department.

Insituform Technologies, LLC, is located in Houston, TX.