



Recommendation for Action

File #: 21-2586, **Agenda Item #:** 5.

9/2/2021

Posting Language

Authorize award and execution of a construction contract with Santa Clara Construction, LTD (MBE), for the Boggy Creek - 6610 Shelton Rd. Erosion Repair & Grade Control project in the amount of \$1,944,898.00 plus a \$194,489.80 contingency, for a total contract amount not to exceed \$2,139,387.80.

[Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 90.64% MBE and 2.09% WBE participation.]

Lead Department

Capital Contracting Office

Managing Department

Public Works Department

Fiscal Note

Funding in the amount of \$1,139,387.80 is available in the Fiscal Year 2021-2022 Capital Budget of the Watershed Protection Department.

Funding in the amount of \$1,000,000 is available in the Fiscal Year 2021-2022 Capital Budget of the Public Works Department.

Purchasing Language:

Lowest responsive bid of eight bids received through a competitive Invitation for Bids solicitation.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov

NOTE: Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749; Garrett Cox, 512-974-9423; or the Project Manager, Darryl Haba, 512-974-2777.

Additional Backup Information:

Boggy Creek downstream of US Hwy 183 is a natural channel in the Colorado River's sandy and highly erosive terrace deposits. The stream is actively meandering with tall cut banks that are threatening private and public infrastructure including Delwau Road, Shelton Lane, various pipelines, a bike/pedestrian trail, and a railroad. A portion of this project was completed in 2016 using re-directive flow techniques to change the flow of the stream and to stabilize the lateral movement of meandering bends. This section of Boggy Creek needs to be stabilized due to erosion of both banks and to prevent potential migration of erosive head cuts into the

reach upstream of Hwy 183. This project is partially funded by the 2016 Bond.

The Texas Department of Transportation (TxDOT), through the Central Texas Mobility Authority (CTRMA), has been constructing the 183 South Highway Project in East Austin. The 183 South project includes new bridges across Boggy Creek near Shelton Road. CTRMA had intended to construct a “grade control structure” in Boggy Creek to protect the bridges from progressive erosion of the channel bed. In roughly the same location, bank erosion threatens a portion of the Walnut Creek Trail.

Under an executed Interlocal Agreement (Council Resolution No. 20210304-064), CTRMA will cost-participate by providing the City with \$600,000 to cover the cost of design and construction of the portion of the project that protects TxDOT’s structures from degradation of the Boggy Creek Channel.

This item includes one allowance. The allowance of \$80,000 will be used to address additional fill and/or grading that may be needed due to erosion and changing site conditions from the time of the original survey until construction starts. An allowance is an amount that is specified and included in the construction contract or specifications for a certain item(s) of work whose details are not yet determined at the time of bidding.

Due to the potential for unknown conditions, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders. A contingency is an additional amount of money added to the construction budget to cover any unforeseen construction costs associated with the project. By authorizing the additional contingency funding, Council is authorizing any change orders within the contingency amount.

The project is almost entirely within the TxDOT right of way or drainage easement, therefore there will be minimal impact to residents in this community. However, trail users may be re-routed as necessary, subject to approval of City staff. The trail re-route will be kept to minimum.

A delay in approval of this contract will allow the stream to erode the banks that are threatening private and public infrastructure.

The contract allows 425 calendar days for completion of this project. This project is located within zip code 78725 (Districts 1 and 3).

Santa Clara Construction, LTD (MBE/MH) is located in Austin, Texas.

Strategic Outcome(s):

Safety, Health and Environment.