



Recommendation for Action

File #: 20-3804, **Agenda Item #:** 6.

1/27/2021

Posting Language

Authorize award and execution of a construction contract with Santa Clara Construction, LTD (MBE), for the Highland Park Water and Wastewater Improvements Phase 2 project in the amount of \$5,891,883.50 plus a contingency of \$589,188.35, for a total contract amount not to exceed \$6,481,071.85.

[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 67.62% MBE and 1.25% WBE participation.].

Lead Department

Capital Contracting Office

Managing Department

Public Works Department

Fiscal Note

Funding is available in the Fiscal Year 2020-2021 Capital Budget of Austin Water.

Purchasing Language:

Lowest responsive bid of five bids received through a competitive Invitation for Bid solicitation.

For More Information:

Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov <<mailto: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, Shobana Angia, 512-974-1581.

Council Committee, Boards and Commission Action:

January 14, 2021 - Recommended by the Water and Wastewater Commission on a 7-0 vote, with Commissioners Parton and Williams absent and Chair Lee recused.

Additional Backup Information:

Customers in the Highland Park area in the Northwest Austin pressure zone are currently supplied by a single 12-inch water main with no back-feed or redundancy. This undersized single-feed main causes inadequate fire flows and reduction of water supply/pressure throughout the area. Also, Highland Park reservoir and pump stations have reached the end of their useful life and are undersized for the area. Highland Park reservoir has not been in use for years and the pump station is being used as an inline booster station which is not an approved pumping scenario per Texas Commission on Environmental Quality standards. Construction of the proposed 16-in water main will allow Austin Water to take the Highland Park pump station and reservoir offline. The lack of a redundant transmission main is an increased risk for loss of water service. The most recent outage was in the summer of 2018 when the 12-inch main was hit by a contractor and water was cut off to the

entire Highland Park neighborhood for approximately four hours.

The Highland Park Water and Wastewater Improvements project will construct a 16-inch water main to provide adequate water supply and pressure into the Highland Park neighborhood and wastewater line replacements where needed along the water main alignment. The project is being constructed in two phases to facilitate construction sequencing and spending. This request covers Phase 2 which is located south of Northland Drive along Balcones Drive and Crestway Drive, and includes construction of 8,000 linear feet (LF) of 16-inch water main, 4,000 LF of wastewater main renewal, a dual water pressure regulating valve station, 565 LF of 36-inch storm drain pipe, and 290 LF of 24-inch storm drain pipe. Other work items include but are not limited to traffic control, installation of manholes, water valves, and fire hydrants, and modifications to an existing roadway intersection including removal and replacement of pavement, sidewalks, curbs, landscaping, walls and other disturbed areas.

This item includes the following three allowances:

- An allowance of \$50,000 will provide for a geologist to address potential void mitigation and/or groundwater issues.
- An allowance of \$40,000 will be used to address additional valves to be installed at undetermined locations.
- An allowance of \$80,000 will be used to address the design, permitting, and construction for the repair and/or temporary removal and replacement of existing walls.

An allowance is an amount that is specified and included in the construction contract or specifications for certain items of work whose details are not yet determined at the time of bidding.

Impact to the travelling public includes detours at the intersections of RM 2222/Balcones Drive, Hancock Drive/Balcones Drive, and Perry Lane/Crestway Drive during the installation of the 16-inch water line.

Delaying the execution of this contract would place a continued burden on the existing undersized single water main and wastewater line facilities.

Due to the potential for encountering unknown issues and conditions after construction begins, 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 contract allows 945 calendar days for completion of this project. This project is located within 78731 (District 10).

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

Strategic Outcome(s):

Health and Environment, Mobility.