



Recommendation for Action

File #: 22-1246, Agenda Item #: 5.

3/3/2022

Posting Language

Authorize award and execution of a construction contract with Matous Construction, Ltd., for the Davis and Handcox WTP Polymer Feed System (2018 Flood Resiliency Improvements) project in the amount of \$8,149,830 plus a \$814,983 contingency, for a total contract amount not to exceed \$8,964,813.

[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 27.94% MBE and 1.57% WBE participation.]

Lead Department

Financial Services Department.

Managing Department

Public Works Department.

Fiscal Note

Funding is available in the Fiscal Year 2021-2022 Capital Budget of Austin Water.

Purchasing Language:

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

For More Information:

Respondents to this solicitation, and their representatives, shall direct inquiries to Rolando Fernandez, 512-974-7749, Garrett Cox, 512-974-9423, or Project Manager, Matt Hendrix, 512-974-7073.

Council Committee, Boards and Commission Action:

February 16, 2022 - Recommended by the Water and Wastewater Commission on an 8-0 vote with Commissioner Pen recusing and two vacancies.

Additional Backup Information:

In October 2018, the City of Austin experienced a flood event that resulted in significant and persistent changes in the raw water quality to its three Water Treatment Plants (WTPs). The flood event resulted in raw water quality characterized by higher turbidity and total organic carbon concentrations, and lower alkalinity and hardness than historically observed at the WTPs. The change in water quality hindered the ability to operate the water treatment plants at full capacity while complying with federal and state drinking water regulations and City water quality goals.

The Davis and Handcox WTP polymer feed system project will provide resiliency to the water treatment process at the Davis and Handcox WTPs that will give the capability to treat water to the Utility's and Texas Commission on Environmental Quality's drinking water quality standards during adverse and unforeseen higher turbidity conditions. The polymer feed systems at the Davis and Handcox facilities will augment a

similar system already in place at the Ullrich WTP.

This item includes the following three allowances:

- The allowance of \$175,000 will be used for the Davis WTP filter aid polymer piping to the recarbonation basins.
- The allowance of \$293,520 will be used for the Davis WTP metering pump skids.
- The allowance of \$86,310 will be used for the Handcox WTP metering pump skids.

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 unforeseen subsurface conditions and integrating new equipment with pre-existing water treatment infrastructure, 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.

All work will be conducted on sites owned by the City that are not open to the public.

The Davis and Handcox Polymer feed system resiliency project is considered time sensitive and a critical component for the utility to respond to unforeseen and unfavorable water quality conditions. Delay will continue to expose the utility to drinking water impacts from risks associated with treating a weather impacted source.

The contract allows 425 calendar days for substantial completion of this project. This project is located within zip codes 78731 and 78732 (District #6 and #10).

Matous Construction, Ltd. is located in Belton, Texas.

Strategic Outcome(s):

Safety.