Recommendation for Action

File #: 22-3403, **Agenda Item #:** 26.   11/15/2022

Posting Language

Authorize award and execution of a construction contract with Matous Construction Ltd., for the Walnut Creek Wastewater Treatment Plant Gas Scrubber Systems Renewal project in the amount of $6,375,000 plus a $637,500 contingency, for a total contract amount not to exceed $7,012,500.

[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 6.09% MBE and 1.34% WBE participation].

Lead Department

Financial Services Department.

Managing Department

Public Works Department.

Fiscal Note

Funding is available in the Capital Budget of Austin Water.

Purchasing Language:

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

For More Information:

Direct inquiries to Rolando Fernandez, 512-974-7749, Garrett Cox, 512-974-9423, or the Project Manager, Gabriel Castano, 512-974-2937.

Council Committee, Boards and Commission Action:

To be reviewed by the Water and Wastewater Commission on November 9, 2022.

Additional Backup Information:

The Walnut Creek Wastewater Treatment Plant (WWTP) was originally built in 1977 and receives wastewater flow from Austin Water's wastewater collection system. Over the years, the treatment plant has undergone numerous improvements and upgrades to modernize treatment methods as well as expand treatment capacity to 75 million gallons per day (MGD). Treated plant effluent is discharged into the Colorado River. A portion of the treated effluent is used for non-potable water (NPW) on the plant site and supplies much of the City's Reclaimed Water program including irrigation and cooling towers.

This project is needed to improve safety in the chlorination and dechlorination buildings. Walnut Creek WWTP uses chlorine gas for disinfection and sulfur dioxide gas for dechlorination. The project consists of improvements to scrubbing and general ventilation at both the chlorination and dechlorination buildings. Improvements to the chlorine building include the replacement of the emergency chlorine gas scrubber, extending scrubbing to the chlorination room, and various other ventilation improvements. Improvements to the sulfur dioxide (dechlorination) building include adding a second blower to the existing sulfur dioxide scrubber

and other ventilation improvements. The project also includes improvements to electrical and control infrastructure to support implementation of the scrubber renewal and ventilation improvements.

This item includes one allowance. The allowance of $100,000 will be used for the temporary Hypo Dosing System (temporary disinfection system). 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 when working in an operating wastewater treatment facility and the need to minimize construction duration and equipment downtime, 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.

Delay or deferral of this contract will place an undue burden on City operations crews, will have a negative effect on infrastructure stability, and increase additional maintenance work.

All construction work will be completed within the Walnut Creek WWTP property that is not open to the public.

The contract allows 360 calendar days for completion of this project. This project is located within zip code 78724 (District 1).

Matous Construction Ltd. is located in Belton, Texas.

Strategic Outcome(s):

Safety, Health and Environment.