



Recommendation for Action

File #: 22-3166, Agenda Item #: 15.

10/27/2022

Posting Language

Authorize award and execution of a construction contract with MWH Constructors, Inc., for the South Austin Regional Wastewater Treatment Plant Trains A & B Improvements project in the amount of \$116,000,852, plus a \$11,600,086 contingency, for a total contract amount not to exceed \$127,600,938.

[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 6.67% MBE and 1.39% WBE participation]. Related to item #17.

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 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 the Project Manager, John Wepryk 512-974-7010.

Council Committee, Boards and Commission Action:

October 12, 2022 - No recommendation by the Water and Wastewater Commission due to the motion failing on a 5-0 vote due to lack of affirmative votes with one recusal, three absences, and two vacancies.

Additional Backup Information:

The South Austin Regional Wastewater Treatment Plant (SAR WWTP) is currently permitted to treat 75 million gallons a day (MGD) of wastewater. The first treatment train, Train A, was constructed between 1984 and 1986. Subsequent to that, treatment Train B and the tertiary filtration process were constructed between 1986 and 1988. The treatment plant was expanded to 75 MGD capacity with the construction of treatment Train C in 2005. The plant receives wastewater flow from Austin Water's sanitary sewer collection system and treats it before returning it to the Colorado River. SAR WWTP is also a key facility in meeting Austin's reclaimed water needs for non-potable water such as irrigation and cooling towers.

Train A and B at the SAR WWTP make up a large portion of the plant's treatment capacity. Due to the age and condition of the assets, rehabilitation or replacement of equipment and structures is required to extend the service life of the major treatment units. The project includes improvements to primary clarifiers, aeration basins, secondary clarifiers, chlorine contact basins, and various other treatment equipment and assets

including slide gates, piping, and pumps. New electrical and controls infrastructure will also be installed to support the rehabilitated treatment units and improve resiliency.

This item includes five allowances. The allowance of \$400,000 is for replacement of security hardware. The allowance of \$5,000 is for security badges. The allowance of \$100,000 is for unforeseen underground utilities modifications. The allowance of \$150,000 is for SCADA system equipment. The allowance of \$200,000 is for the relocation of the magnesium hydroxide tanks. 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 issues that may arise during construction, 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 SAR WWTP property that is not open to the public. The contract allows 1,550 calendar days for completion of this project. This project is located within zip code 78617 (District 2).

MWH Constructors, Inc., is located in Broomfield, Colorado.

Strategic Outcome(s):

Health and Environment.