

## A G E N D A



## Recommendation for Council Action (CMD)

Austin City Council

Item ID:

27805

Agenda Number

5.

Meeting Date:

October 17, 2013

Department:

Contract Management

## Subject

Authorize the negotiation and execution of a construction contract with MATOUS CONSTRUCTION, LTD. for the Davis Water Treatment Plant Chemical Feed System Improvements Bid Package 2: Lime Slaker/Lime Slurry Feed System Improvements in the amount of \$1,995,000 plus a \$199,500 contingency, for a total contract amount not to exceed \$2,194,500.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2013-2014 Capital Budget of the Austin Water Utility.

## Fiscal Note

A fiscal note is attached.

**Purchasing Language:**

Lowest responsive bid of three bids received.

**Prior Council Action:**



**For More Information:**

Paulinda Mackie, 512-974-7974; Bryan Barnett, 512- 972-0162; Lucy Bonee, 512-974-7967; Lacy Kuslo, 512-974-7141.

**Boards and Commission Action:**

To be reviewed by the Water and Wastewater Commission on October 9, 2013.

**Related Items:**

**MBE / WBE:**

This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) through the achievements of good faith efforts with 7.32% MBE and 0.20% WBE subcontractor participation.

## Additional Backup Information

The Davis Water Treatment Plant (WTP) has a rated treatment capacity of 120 million gallons per day. The plant uses lime softening, rapid mix basins, flocculation basins, sedimentation basins, re-carbonation basins, gravity filters, clear well storage, and raw water and finished water pumping stations. Powdered activated carbon is added for taste and odor control. Settled water pH is adjusted with carbon dioxide. The plant was constructed in 1954 and expanded in 1961 and 1973, with additional improvements in 1986, 1993, 1997, 2000, 2002, 2003, and 2006.

This project will replace six slaker systems, slurry piping, and associated electrical appurtenances at Davis WTP. The slaker systems at the Davis WTP are used to mix water and pebble lime into a slurry for metered introduction into the water treatment process. Lime slurry is used to remove hardness and other constituents in drinking water prior to distribution to customers.

Much of the existing equipment at Davis WTP has exceeded its useful life and the integrity of certain components has been compromised by corrosion and age. The existing slakers have been in service for over 10 years and are nearing the end of their service life. They require an increased level of maintenance and are in need of replacement.

The contract includes replacing four lime slakers, associated electrical appurtenances and slurry piping as base bid items. Bid alternate # 1 will replace one additional slaker for a total of five slakers replaced and associated electrical appurtenances. Bid alternate # 2 replaces two additional slakers for a total of six slakers replaced and associated electrical appurtenances.

Due to the potential for encountering unanticipated conditions and the sensitive nature of working in an operating water treatment plant, a 10% contingency has been included to allow for the expeditious processing of any change orders. The contract allows 220 calendar days for completion of this project.

This project is located within zip code 78703 and is managed by the Public Works Department.

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