



Recommendation for Action

File #: 19-2781, **Agenda Item #:** 16.

10/3/2019

Posting Language

Authorize negotiation and execution of a contract with WWatertech Services, Inc., to replace the mixer drive in a sludge mixing system, in an amount not to exceed \$152,000.

(Note: Sole source contracts are exempt from the City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established).

Lead Department

Purchasing Office.

Client Department(s)

Austin Water.

Fiscal Note

Funding is available in the Fiscal Year 2019-2020 Operating Budget of Austin Water.

Purchasing Language:

Sole Source.

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>> or to Osiris Valdez, at 512-974-2965 or Osiris.Valdez@austintexas.gov <<mailto:Osiris.Valdez@austintexas.gov>>.

Council Committee, Boards and Commission Action:

September 11, 2019 - Recommended by the Water and Wastewater Commission on a 9-0 vote, with Commissioner Ho off the dais and Commissioner Schmitt absent.

Additional Backup Information:

The contract is for the purchase and installation of new mixing drive components for sludge holding tank mixer No. 3 at Austin Water's Ullrich Water Treatment Plant. This contract will allow for the replacement of existing sludge mixer drive components that have failed due to normal wear and tear over 25 years of service. The mixer system was provided by a single manufacturer, ANCO Mixers through their local representative WWater Tech, Inc. so the motor and gear box components that have failed must be replaced with original equipment manufacturers parts, to be compatible with the mixer system support structure and mixing impeller assembly. Replacing only the failed drive system components is significantly less expensive than replacing the entire mixer system.

The water treatment process removes solids, such as dissolved minerals and organic compounds, from raw lake water by allowing them to settle in the bottom of up-flow clarifier water basins. The material that settles out of the raw water build up on the bottom of the basin and form a mud-like mixture called sludge that is

pumped out of the basin. Since sludge tends to settle, these tanks must be continually mixed, or the sludge will thicken too much and will not flow out of the tanks. Ullrich Water Treatment Plant needs all four sludge holding tanks to be in service, to treat water at the plant's maximum rated capacity.