

## MEMORANDUM

**To:** Mayor and City Council Members  
Douglas Faseler, City Manager

**From:** Timothy J. Howe, Director – Water / Wastewater Utilities

**Through:** Rick Cortes, Assistant City Manager

**Subject:** Water Treatment Plant – Finished Water Blending Station

**Date:** July 31, 2019

TRC Engineers, Inc. completed a professional engineering design for a finished water blending station with two proposals plus additive alternates. Proposal I allows the Water Plant Operator to blend water in one direction only, surface water into ground water without automation. Proposal I plus the additive alternate allows the Water Plant Operator to blend water in two directions, surface water into ground water and ground water into surface water without automation. Proposal II is the same as Proposal I, however it leverages technology and allows for full automation of the blending process. Operators will have accurate control of the blending process using computerized controls either at the Water Plant or remotely via an iPad.

Two sealed bids were received at Seguin City Hall on July 23, 2019. Bids for Proposal II base and additive alternate bid items ranged from \$461,000 from RP Constructors, Inc. of New Braunfels to \$679,532.00 from Keystone Construction of Austin. The project consists of the installation of a flow meter, underground concrete vaults, various valves, piping, electrical, and SCADA equipment. The construction completion period is expected to be 150 days.

Austin CES Practice Leader, Craig Bell, P.E. with TRC Engineering and city staff reviewed the proposed bids and recommend awarding the contract to the low base bid for Proposal II of \$329,000.00 from RP Constructors, Inc. TRC and the City both have experience with RP Constructors, Inc. on previous projects and they have provided acceptable work. In addition to the base bid, TRC and city staff recommend including the additive alternates which provide bi-directional blending capabilities and complete automation in the amount of \$132,000.00 for a total contract award of \$461,000.00. Staff is requesting an additional \$39,000.00 in contingency for a not to exceed amount of \$500,000. Current funding allotted for this project is \$500,000.00 and is provided from the Utility Fund Capital Projects.

Staff recommends approval of this award in the amount of \$461,000.00 and will be available to answer any questions at the Tuesday, August 6<sup>th</sup>, 2019 City Council Meeting.