

It's real.

MEMORANDUM

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

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

Through: Rick Cortes, Assistant City Manager

Subject: Water / Wastewater Treatment Plant Improvements

Date: March 28, 2018

On October 24, 2017, the City of Seguin opened bids for the Water / Wastewater Treatment Plant Improvement projects. The improvement projects consist of filter rehabilitation and clarifier roofs at the Seguin Water Treatment Plant. At Walnut Branch Wastewater Treatment Plant, projects include an effluent flow metering station and rehabilitation of the river outfall structure. Lastly, the Springs Hill Wastewater Treatment Plant will be demolished and flow will be routed to Walnut Branch Wastewater Treatment Plant via a lift station, gravity, and force main. This phase of the project requires a permit issued by TxDOT to attach the force main to the bridge on Hwy 123 S crossing the Guadalupe River.

The permit application to TxDOT was made on July 20, 2017. TRC received the first TxDOT comments to the application on Nov. 2, 2017. Although TRC and city staff has responded promptly to TxDOT comments throughout this process the permit status remains pending. The latest response to TxDOT comments occurred as recently as March 28, 2018 and TRC as well as city staff are confident the permit will be issued soon.

Bids were received from three different contractors ranging from a low base bid of \$5,887,516.00 from CYMI Industrial, Inc. to a high base bid of \$6,271,816.00 from Archer Western Const., LLC. Austin CES Practice Leader, Craig Bell, P.E. with TRC and city staff reviewed the proposed bids and based on strong references and experience with similar projects, recommend awarding the contract to the second low base bid of \$6,143,816.00 from R.P. Constructors, Inc. In addition to the base bid, TRC and city staff recommend including the additive alternates listed hereafter for the amount of \$959,500.00 for a total contract award of \$7,103,316.00.

- P.A. 7 Demolition of the Hydro Plant Lift Station - \$240,000
 - Eliminates operation and maintenance cost and TCEQ compliance issues.
- P.A. 9 Clarifier Basin Roofs at the Water Plant - \$550,000
 - Provides for increased chlorine contact time.
- P.A. 10 Water Plant Backwash Flow Meter SCADA System - \$1,500
 - Provides remote operator monitoring / control.
- P.A. 11 Removal of Paint from the twelve (12) filters - \$135,000
 - Cost effective due to proposed filter rehab vs. independent project.
- P.A. 14 Lift Station Wall Coating - \$18,000
 - Provides for corrosion protection and increase longevity.
- P.A. 15 Polymer Feed System - \$35,000
 - Improves filter run times
- P.A. 16 ABS Pumps for Pecan Orchard L.S. in lieu of Flygt Pumps - (-\$20,000)
 - Allows for locally available maintenance assistance and supplies.

Lastly, staff is requesting an additional \$300,000.00 in contingency for a not to exceed amount of \$7,403,316.00. Current funding allotted for these improvements is \$6,275,318.00. The remaining amount of \$1,127,998.00 is provided through 2017 utility revenue bonds and the balance of projects completed using 2014 and 2016 utility revenue bonds.

WATER UTILITIES

Please find the attached Bid Recommendation Letter from TRC dated March 27, 2018 recommending the award of the Water / Wastewater Treatment Plant Improvements. Staff concurs with this recommendation and will be available to answer any questions at the Tuesday, April 3, 2018 City Council Meeting.