

MEMORANDUM

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

From: Emery E. Gallagher, Director of Water/Wastewater Utilities

Through: Rick Cortes, Assistant City Manager

Subject: Engineering Services for the Rehabilitation and upgrade of the Twelve Water Process Filters in the Seguin Water Plant.

Date: March 04, 2016

Staff is requesting approval of engineering services from T.R.C., Texas Infrastructure (TRC) for engineering and inspection services for the rehabilitation and upgrade of the Twelve Water Process Filters in the Seguin Water Plant and all additional related work.

The project will consist of the rehabilitation of twelve process filters underdrain, media replacement and the addition of air scour equipment. Two proposed air scour blowers with electrical and controls, air piping to each filter and replacement of automatic valves are also included as part of this proposal. Additionally, the filter controls and Supervisory Control and Data Acquisition (SCADA) will be upgraded to facilitate the air scour and filter backwashing initiation. The project also includes the addition of influent modulating valves for filter 1 and 2, controlled by the filter bed water head level and all additional work outlined in the submitted proposal. These improvements will remove materials uniformly throughout the filter media decreasing processed water used during backwash, and increasing operation time of each filter; please note that the current filters were last rehabilitated over 40 years ago.

TRC's scope of work includes: the design of the system, preparation of construction documents, plans/specifications, construction management and a description/summary of the project for TCEQ. It also includes assistance in the bid process, final inspection and record drawing preparation.

The engineering service was included in the Utility Fund Capital Improvement Plan for FY 2016.

Staff is requesting that City Council award the engineering service rehabilitation, the upgrade of the twelve Water Process Filters and all additional related work to TRC for service in the amount of \$ 433,645.00. Staff will be available to answer any questions at the March 15, 2016 Council Meeting.