

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 SH 123
Bypass Water Booster Pump Station

Date: September 18, 2015

Staff is requesting approval of engineering service from TRC, Texas Infrastructure (TRC) for engineering and inspection services for the rehabilitation and upgrade of the SH 123 Bypass Booster Pump Station and all necessary related work.

The project will consist of the rehabilitation of two existing 70,000 gallon ground storage tanks and construction of a new 70,000 gallon storage tank, for a total tank capacity of 210,000 gallons. The project will increase the pump suction and discharge piping to facilitate the increased flow. It will also involve the replacement of three existing 500 gallons per minute booster pumps with four new 1,000 gallon per minute pumps. This will increase the station firm pumping capacity from 1,000 gallon per minute to 3,000 gallon per minute, meeting long range pumping capacity needs listed in the City's Water Model dated August 11, 2015.

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 and upgrade of the SH 123 Bypass Water Booster Pump Station and all needed related work to TRC for service in the amount of \$241,469. Staff will be available to answer any questions at the October 6, 2015 Council Meeting.