

MEMORANDUM

To: Mayor and City Council Members
Steve Parker, City Manager

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

Through: Rick Cortes, Deputy City Manager

Subject: Water Plant Raw Water Pump / Motor Replacement

Date: February 6, 2024

The Seguin Water Treatment Plant uses several raw water pumps/motors to divert water from the Guadalupe River. These pumps/motors are critical pieces of equipment, and it is important to maintain these systems to provide redundancy for our water distribution system. There are eight raw water pumps/motors, and seven are operational. Plant operators rotate the use of this equipment by operating three of eight raw water pumps in winter and four of eight in summer to meet the demand of the system. One of the pumps/motors failed and needs replacement.

Each year, the department budgets operation and maintenance monies in anticipation of these types of failures. However, the expense to replace this pump and motor exceeds the current balance. Given the critical nature of this equipment, the City is requesting replacement now and will return mid-year with a budget amendment.

The city received a quote for \$64,725.74 from Austin Armature Works, LP in Buda, TX, to provide the installation of a new Peerless vertical turbine pump driven by a GE 40hp motor. The quote includes the analysis of the failed pump/motor (which determined the need for replacement) and parts and labor for installation.

The quote utilizes a national purchasing cooperative administered by the State of Texas known as BuyBoard. Purchases using BuyBoard contracts comply with Texas Bidding requirements. Staff recommends approval of Austin Armature Works' proposal for \$64,725.74. I will be available to answer any questions at the Council meeting on February 6, 2024.