



Mayor Robert E. Simison

City Council Members:

Treg Bert
Joe Borton
Luke Cavener

Brad Hoaglund
Jessica Perreault
Liz Strader

TO: Keith Watts
FROM: Brent Blake
DATE: June 1, 2020
SUBJECT: AGREEMENT FOR THE SUPPLY OF WELL 17 IRON AND MANGANESE REMOVAL EQUIPMENT WITH TBD FOR A NOT-TO-EXCEED AMOUNT OF \$TBD

I. DEPARTMENT CONTACT PERSONS

Brent Blake, Engineering Project Manager	489-0340
Kyle Radek, Assist City Engineer	489-0343
Warren Stewart, PW City Engineer	489-0350
Dale Bolthouse, Director of Public Works	489-0372

II. DESCRIPTION

A. Background

This project was initiated to continue the process of mitigating brown water in the water system by improving the water quality supplied by Well 17. When adequate chlorine residuals are provided for disinfection in the distribution system, Iron and Manganese precipitate into the supply water resulting in brown or black water coloration. Although there are no known health threats from these elements, they can cause staining on plumbing fixtures and laundry, and cause unpleasant taste and smell. The primary purpose and justification for this project is to improve customer satisfaction by reducing water quality issues created by Iron and Manganese precipitation in our water supply. The project consists of constructing an Iron and Manganese Filter to remove excess levels of the constituents from supply water before entering the distribution system.

B. Proposed Project

This part of the proposed project is for the procurement of the iron and manganese filtration equipment. The City put out an RFP to filter suppliers and TBD was selected as the preferred supplier. The design/build portion of the project is dependent on the selection and approval of the filtration equipment.

III. **IMPACT**

A. Strategic Impact:

This project supports the Public Works Mission and Vision for enhancing and protecting water quality.

B. Service/Delivery Impact:

This project will improve the water quality delivered to our customers and allow for stable disinfectant residuals throughout the water system.

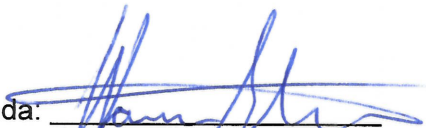
C. Fiscal Impact:

Project Costs

Well 17 Treatment Equipment <u>Project Funding</u>	\$500,000
Well 17 Water Treatment-Equipment Procurement (60-3490-96117)	\$500,000

VI. **TIME CONSTRAINTS**

Council approval will enable the procurement of the filter equipment and the completion of the design prior the end of calendar year 2020.

Approved for Council Agenda:  Warren Stewart 5/29/20
Date