

**COUNCIL ACTION FORM**

**SUBJECT: 2017/18 WATER SYSTEM IMPROVEMENTS – PROGRAM 1- WATER SERVICE TRANSFER (10<sup>TH</sup> STREET and 12<sup>TH</sup> STREET, GRAY AVENUE, COUNTRY CLUB BLVD, AND CESSNA STREET)**

**BACKGROUND:**

The Water System Improvements program provides for replacing water mains in areas experiencing rusty water problems. It also provides for installing larger distribution mains in areas that have a high concentration of 4” supply lines, transferring water services from 4” water mains in streets where larger water mains exist, and abandoning 4” water mains. Eliminating duplicate water mains improves water flow and helps reduce rusty water. Installing larger distribution lines in areas that have a high concentration of 4” supply lines and less than desirable fire-fighting capacity (predominantly in the older areas of the community).

On August 13, 2019, City Council awarded the contract to Ames Trenching & Excavating, of Ames, Iowa, in the amount of \$320,456. Six change order were administratively approved by staff and City Council. Change Order No. 1 was in the amount of \$7,095.18 for reducing quantities of fittings (tees) along with adding tapping valve and sleeves. Change Order No. 2 was to extend the project completion date (no cost change). Change Order No. 3 was in the amount of \$4,978.49 for additional complex internal plumbing encountered. Change Order No. 4 was approved by City Council in the amount of \$119,950 for allowing the contractor to transfer 14 water services from the 4” water main to 8” water main. Change Order No. 5 was in the amount of \$4,852.59 for additional required internal plumbing. Change Order No. 6 (balancing) was administratively approved to reflect actual measured quantities completed during construction resulting in a deduction of \$365.90. **Construction was completed in the amount of \$456,966.36.**

Revenue and expenses associated with this program are estimated as follows:

	<b>Available Revenue</b>	<b>Estimated Expenses</b>
Water Utility Fund	\$1,300,000.00	
2017/18 Water System Improvements Program # 2 (previous project)		\$ 544,978.01
<b>Construction (this project)</b>		<b>\$ 456,966.36</b>
Engineering/Administration (overall total)		\$ 200,000.00
	\$ 1,300,000.00	\$1,201,944.37

Remaining water utility funds will be used for additional water improvement projects.

**ALTERNATIVES:**

1. Accept the 2017/18 Water System Improvements – Water Service Transfer (10<sup>th</sup> Street, 12<sup>th</sup> Street, Gray Avenue, Country Club Blvd, and Cessna Street) project as completed by Ames Trenching & Excavating of Ames, Iowa in the amount of \$456,966.36.
2. Direct staff to pursue modifications to the project.

**MANAGER’S RECOMMENDED ACTION:**

This project was completed in accordance with the approved plans and specifications. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.