

COUNCIL ACTION FORM

SUBJECT: 2018/19 WATER SYSTEM IMPROVEMENTS – (BURNETT AVENUE AND MURRAY DRIVE) – CHANGE ORDER NO. 2

BACKGROUND:

On August 13, 2019, City Council awarded the contract to Keller Excavating, Inc. of Boone, Iowa, in the amount of \$1,194,492.10. This project includes installing a new 8” water main and abandoning the existing 4” water main and transferring everyone to the 8” water main. Change Order No. 1 was administratively approved to extend the project completion date (no cost).

During the design phase, staff used City plumbing service cards to determine which services needed to be transferred, as has been standard practice for many years. These service cards were found to not be completely accurate and missing significant information.

During construction, the contractor discovered that there were 6 water services that were connected to the existing 4” water main and these services, because of incomplete service card information, were not shown on the plans. All these services must be transferred to the 8” water main. Change Order No. 2 (this action) is to allow the contractor to transfer the 6 water services from the 4” water main to 8” water main, extending 8” water main beyond the contract quantity to abandoned more 4” water main and additional pavement patching in the amount not to exceed \$78,589.

During design phase for any future water main project, staff will conduct field verification by shutting off water mains to check who is impacted by the shut off, thereby having more accurate information to incorporate into the bid documents.

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

	Available Revenue	Estimated Expenses
Water Utility Fund (2018/19)	\$1,300,000.00	
Water Utility Fund (2017/18)	\$ 150,000.00	
Construction		\$ 1,194,492.10
Change Order No. 1-2 (including this C.O.)		\$ 78,589.00
Engineering/Administration		\$ 159,000.00
	<u>\$ 1,450,000.00</u>	<u>\$ 1,432,081.10</u>

ALTERNATIVES:

1. Approve Change Order No. 2 in the amount not to exceed \$78,589.
2. Direct staff to pursue changes to the project.

MANAGER'S RECOMMENDED ACTION:

The services that were not identified in the plumbing inspection service cards must be transferred to the new water main. By improving the water systems in these local neighborhoods, residents will see improved water quality and firefighting capacity. **Even with the addition of this change order, the program expenses still are estimated to be below the Capital Improvement Plan funding amount.**

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.