

**COUNCIL ACTION FORM**

**SUBJECT: 2018/19 SANITARY SEWER REHABILITATION (SIPHON) – CHANGE ORDER NO. 4**

**BACKGROUND:**

This is the annual program for rehabilitation/reconstruction of deficient sanitary sewers and deteriorated manholes at various locations throughout the city. The goal of this program is to identify and remove major sources of inflow/infiltration as a means of lowering the peak wet weather flow at the treatment plant.

**This is the sixth rehabilitation project and will have an immediate impact by removing Inflow & Infiltration (I&I) in these older sewer mains, regaining some flow capacity and lessening the amount of clean groundwater being treated at the Water Pollution Control Facility.** Items of work include televising, heavy cleaning, reaming, and rehabilitating sewer structures to remove grit, grease, hard deposits, tuberculation and/or rust from the sanitary sewer siphon pipes.

On October 22, 2019, City Council awarded the contract to Synergy Contracting, LLC of Bondurant, Iowa, in the amount of \$1,440,778. Change Order No. 1 (deduction in the amount of \$174,575) was approved by Council on December 22, 2020. Change Orders No. 2 (\$8,051) & 3 (\$16,177) were approved by staff.

**Change Order No. 4 (this action)**, in the amount of \$126,739.20, is for additional item quantities needed to properly repair deficiencies that were discovered as worked progressed. The quantity overages are due to the heavy cleaning and reaming needed as a result of the pipes being dirtier than anticipated, which necessitated cleaning more linear footage than was (estimated) included in the bids. **The revised total including all change orders will therefore be \$1,417,170.20, which remains under the original contract amount of \$1,440,778.00.** Revenue and revised expenses associated with this program are estimated as follows:

	Available Revenue	Estimated Expenses
State Revolving Fund (2019/20)	\$1,014,787.60	
State Revolving Fund (2018/19)	\$3,570,000.00	
2018/19 Sanitary Sewer Rehab (Wilson & 15 <sup>th</sup> ) (Awarded)		\$ 2,663,751.50
<b>2018/19 Sanitary Sewer Rehab (Siphon) (revised w/CO's)</b>		<b>\$ 1,417,170.20</b>
Engineering/Administration (Est.)		\$ 480,000.00
	\$4,584,787.60	\$ 4,560,921.70

**ALTERNATIVES:**

1. Approve Change Order No. 4 in the amount of \$126,739.20.
2. Direct staff to pursue changes to the project.

**CITY MANAGER'S RECOMMENDED ACTION:**

This project represents City Council's commitment to improve the sanitary sewer system, including this project to rehabilitate several siphon locations that has an immediate impact by removing Inflow & Infiltration to regain valuable capacity in the City's existing sanitary sewer mains. This project will still be under the original contract amount.

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