



Staff Report

TO: City Council
FROM: Jeff Hart, Public Works Director
DATE: April 19, 2022
SUBJECT: **Change Order No. 3 for the PLC Upgrade Project with Southern Contracting Company in an Amount Not to Exceed \$71,531**

Background and Analysis:

Southern Contracting Company Change Order No. 3

On December 15, 2020, City Council awarded Southern Contracting Company (Contractor) a Public Works Agreement (Contract) for construction services for the Programmable Logic Controller (PLC) Upgrade Project (CIP2019-010). Construction commenced on March 1, 2021, and the original contract scope was completed on February 28, 2022.

The original Contract amount was approved for \$465,437, with a construction contingency of \$45,200. The project had two change orders that were also completed prior to February 28, 2022. Change order No. 1 (CO#1) was for an upgraded control panel at Coopers Creek Lift station with a total cost of \$5,007, funded from construction contingency. Change order No. 2 (CO#2) was for a new battery backup system and enclosure for the City Hall repeater site with a total cost of \$8,355, also funded from construction contingency.

During construction the Contractor and City staff identified several non-functional or limited-functional components at each lift station site that are critical to the operation of the facility and safety of the operators. The components identified include:

- Low-level bypass switch – allows for targeted pump control during low flows
 - Low-level bypass switches are requested at nine of the City's lift stations
- Hydro Rangers – allows for the precise monitoring of effluent levels
 - Existing Hydro Rangers at seven of the lift stations are currently non-functional and in need of replacement

- Gas Monitors – allows for the continuous monitoring of hazardous gases
 - The existing gas monitor at Mesa lift station is non-functional and in need of replacement
- E-stop contacts – allows for the immediate de-energization of a pump
 - Four existing E-stops at Mesa lift station are non-functional and in need of replacement

The Contractor has provided City staff with a cost to perform the proposed work as Change Order No. 3 (CO#3) in an amount off \$71,531 which exceeds the remaining construction contingency. However, there is sufficient funds in the approved CIP2019-010 budget to fund CO#3. Please refer to Table 1 for reference.

Table 1 - 2019-010 Project Summary

2019-010 Project Summary			
Funding Source: Wastewater		Total CIP Budget \$700,000	
Project Components	Current Budget Amount	Paid to Date	Remaining
Project Management			
Project Contingency			
Preliminary Services			
Preliminary Services Contingency			
Environmental			
Environmental Contingency			
Design	\$94,081.00	\$65,813.55	\$28,267.45
Design Contingency			
Construction	\$465,437.00	\$424,872.00	\$40,565.00
Construction Contingency	\$45,200.00	\$15,366.50	\$29,833.50
Construction Management			
Construction Management Contingency			
Permits			
Equipment			
Unallocated CIP Budget	\$95,282.00		\$95,282.00
Project Summary Totals	\$700,000.00	\$506,052.05	\$193,947.95

Table 2 - 2019-010 Remaining Budget

2019-010 Remaining Budget Summary	
Current Remaining Budget	\$193,947.95
SKM AMD#2	(\$21,777)
Southern Contracting Company CO#3	(\$71,531)
New Remaining Budget	\$100,639.95

Fiscal Impact:

The cost to prepare the staff report is approximately \$350.

The PLC Upgrade Project has a current CIP budget of \$700,000. CO#3 will be paid from the CIP2019-010 budget totaling \$71,531, with an amended total contract amount of \$536,968.

Recommended Action:

Approve Change Order No. 3 for the PLC Upgrade Project with Southern Contracting Company in an Amount Not to Exceed \$71,531.

Attachments:

- A. Change Order No. 3 with Southern Contracting Company