



City of Broken Arrow

Request for Action

File #: 19-1339, **Version:** 1

**Broken Arrow City Council
Meeting of: 11-5-2019**

Title:

Approval of and authorization to execute Change Order CO3 for Construction Contract 171703; Tiger Hill Soldier Pile Retaining Wall

Background:

The Tiger Hill Soldier Pile Retaining Wall project serves as a second retaining wall on the tiger hill site at the southeast corner of 9th Street and Kenosha, ultimately serving as a supplemental structural support for the existing retaining wall. This retaining wall also acts as a mechanism to facilitate the lowering of the grade of the adjacent project. The City advertised the construction documents on September 25, 2018 and October 2, 2018, and opened bids on October 16, 2018. The contract was awarded to the low bidder, Stronghand LLC. at a contract cost of \$1,498,681.24. Notice to proceed was issued to the contractor on January 7, 2019.

This Change Order #3 addresses the following additions to the contract:

CO3-1

As reflected in RFI #6 for the Tiger Hill Soldier Pile Wall project, during the drilling operations for the last soldier pile on the far west side of the wall alignment, a natural gas service line was hit during drilling operations. This line was not marked during the one-call operations as it is a service line. This change order proposal by the contractor is to repair the damaged gas line within the drilled shaft hole. The pile was determined to be deleted from the project by the Engineer of Record and the hole backfilled with flow fill, paid out by a separate line item. The below costs constitute a complete in place cost for the repairs.

CO3-2

As reflected in RFI #7 for the Tiger Hill Soldier Pile Wall project, the contractor shall connect the back of wall drainage system into the existing storm drainage piping under ground at both the east and west sides of the retaining wall alignment. This is being performed in lieu of terminating the drainage pipe to the face of the wall as noted in the plans. The below costs summarize a complete in place product and all applicable mark ups are included.

CO3-3

As reflected in RFI #8 for the Tiger Hill Soldier Pile Wall project, the contractor shall encase the drainage pipe with a filter fabric prior to installation of the sand filter section noted within the standard details for the back of wall drainage system. This has been approved by the engineer of record for incorporation into the plans. The below costs summarize a complete in place product and all applicable mark ups are included.

Contract Time Adjustments:

- As specified in the RFI responses for each of the above change order items, a total of (5) calendar days

shall be added to the contract.

The additional cost associated with these changes is as follows:

Previous Change Orders:	\$80,625.51
This Change Order:	\$8,942.50
Total Cost of Change Orders:	\$89,568.01
Original Contract Amount:	\$1,498,681.24
Revised Contract Amount:	\$1,588,249.25
Percent Change in Contract:	5.98%
Applicable to Comp. Bid Act:	5.98%

Cost: \$8,942.50

Funding Source: Sales Tax Capital Improvements (STCI)

Requested By: Kenneth D. Schwab, P.E., CFM, Assistant City Manager - Operations

Approved By: City Manager Office

Attachments: 171703 - Change Order #3

Recommendation:

Approve and authorize execution of Change Order CO3 for Construction Contract 171703; Tiger Hill Soldier Pile Retaining Wall