



# City of Broken Arrow

## Request for Action

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**File #: 17-1862, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 2-21-17**

**To: Chairman and Authority Members**  
**From: Engineering and Construction Department**  
**Title: Approval of and authorization to execute Change Order C04 for Construction Contract Number S.1307, Aspen Creek Relief Line**

**Background:**

The Aspen Creek Relief Line was designed to service as a trunk sewer line and provide sanitary sewer relief to the existing system in the vicinity of Aspen Avenue (145<sup>th</sup> E. Ave.) from Florence Street (111<sup>th</sup> St. S.) south to Tucson Street (121<sup>st</sup> St. S.), and to tie in to the Spring Creek Trunk Sewer Line. When completed, the Aspen Creek Relief Line will replace two wastewater lift stations (Grey Oaks and Florence Lift Stations) with a gravity sewer. The project was funded by BAMA Excess Sewer Capacity funds as supplemented by Vision 2025 Surplus funds. It was designed by Holloway, Updike, and Bellen, Inc. Right-of-way acquisition was completed in May 2016, and an environmental survey was recently completed. The project was advertised for bids on June 29 and July 6, 2016. Bids were opened on July 21, 2016 with the lowest responsible bidder being Triangle Construction, and Utility, L.L.C., in the amount of \$799,938,00.

This Change Order C04 addresses the following additions to the contract:

1. Total Number of Days Added by this Change Order:
  - No additional time required for this change.
2. Per Plan Revision #1, due to a revision of the alignment of the sanitary sewer line to remove the proposed manhole out of the creek flow line, the contractor is to follow the attached plans. The new alignment requires installation of ductile iron pipe with fully restrained joints from manhole 24 to manhole 25; the ductile iron pipe shall be coated with Protecto 401 ceramic epoxy lining. The below costs are inclusive of all materials, labor, and OH&P.
  - Cost: \$61,650.00 all subject to the limitations of the Public Competitive Bid Act
3. The revised alignment will result in not constructing the original alignment. This reduction equates to about \$18,000.00 of estimated planned quantities not being installed.

The additional cost associated with these changes is as follows:

Previous Change Orders: \$36,613.50

This Change Order:	\$61,650.00
Total Cost of Change Orders:	\$98,263.50
Original Contract Amount:	\$799,938.00
Revised Contract Amount:	\$898,201.50
Percent Change in Contract:	12.28% (all applicable to 15% limitation)

**Cost:** **\$61,650.00**

**Prepared By:** **Alex Mills, P.E, CFM, Director of Engineering and Construction**

**Reviewed By:** **Engineering and Construction Department**

**Finance Department**

**Assistant City Manager - Operations**

**Legal Department**

**Approved By:** **Michael L. Spurgeon, City Manager**

**Attachments:** **S.1307 Change Order #4 with associated Proposals & Plans**

**Recommendation:** **Approve Change Order C04**