



# City of Broken Arrow

## Request for Action

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**File #: 17-2617, Version: 1**

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**Broken Arrow Municipal Authority  
Meeting of: 9-5-17**

**To: Chairman and Authority Members**  
**From: Engineering and Construction Department**  
**Title: Approval of and authorization to execute Change Order C02 for Construction Contract Number 175433, Verdigris Water Treatment Plant Residuals Disposal, Lagoon 1 & 2**

**Background:**

The Verdigris River Water Treatment Plant is equipped with three sludge lagoons that receive a liquid sludge stream from the water treatment processes at the plant. The lagoons are set up to allow water to decant from the sludge over time. Removing the sludge in these lagoons is an annual maintenance project for plant staff. In the past years, these lagoons have been cleaned out using City forces and borrowing equipment and manpower from other Departments. It was determined that this time the residual disposal for lagoons 1 & 2 should be bid. The advertisements were on February 16 and February 23, 2017, and bids were opened on March 14, 2017 with the low bidder Tonto Environmental, LLC, with a bid of \$131,060.00

Funds for the work are available in the Utilities Operation and Maintenance FY18 budget.

This Change Order C02 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. Reconciling Changes: Due to site conditions varying from design parameters, field adjustments of the plan quantities by the city contract administrator was authorized. These changes in quantities are summarized on the attached "Project Final Quantities Report". The listed change order cost is to adjust the original contract value to the reflected installed contract value.
  - Cost: \$83577.80

The additional cost associated with these changes is as follows:

Previous Change Orders:	\$24,500.00
This Change Order:	\$83,577.80
Total Cost of Change Orders:	\$108,077.80
Original Contract Amount:	\$131,060.00
Revised Contract Amount:	\$239,137.80
Percent Change in Contract:	18.69% (NONE applicable to 15% limitation)

**Cost:** \$83,577.80

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

**Reviewed By:** Engineering and Construction Department

Finance Department

Assistant City Manager - Operations

Legal Department

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

**Attachments:** 175433 Change Order #2 with Final Quantities Report

**Recommendation:** Approve Change Order C02 for the Verdigris WTP Residuals Disposal, Lagoons 1 & 2.