



City of Broken Arrow

Request for Action

File #: 17-2011, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 04-04-17**

**To: Mayor and City Council
Chairman and Authority Members**

**From: Engineering and Construction Department
Title:**

Approval of bids received and award of the lowest responsible bid to Tonto Environmental, LLC., and approval of and authorization to execute a contract to remove sludge from the Verdigris River Water Treatment Plant Residuals Disposal Lagoon No. 1 and 2 (Project No. 175433)

Background:

The Verdigris River Water Treatment Plant is equipped with three sludge lagoons that receive a liquid sludge waste 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 and is budgeted in the current five (5) year Capital Improvement Program (CIP). 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 Lagoon Nos. 1 and 2 should be bid out for contract work in order not to tie up our crews from other departments.

The advertisements were on February 16 and February 23, 2017, and bids were opened on March 14, 2017. Four (4) bids were received. The low bidder was Tonto Environmental, LLC, with a bid of \$131,060.00. The engineer's estimate was \$265,500.00. The certified bid tabulation is attached. Staff recommends award of the Verdigris River Water Treatment Plant Residuals Disposal Lagoon No. 1 and 2 to the lowest responsible bidder, Tonto Environmental, LLC, in the amount of \$131,060.00.

This contract was bid as a unit price contract and the quantities were estimated by the design engineer in October 2016. Since that time additional sludge has been added to lagoon number 2 and will continue to be added until the sludge residuals have been removed from Lagoon 1. With the actual quantity of sludge unknown, the entire budgeted amount \$300,000 is encumbered for this project should quantities exceed those originally planned. This contract is set up to pay unit price per dry tons as weighed at the receiving landfill.

Funds for the work are available in the Utilities Operation and Maintenance FY17 budget, Project 175433 in the amount of \$300,000.

Cost: \$131,060.00 contract award (\$300,000 encumbered)

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

Reviewed By: Utilities Department

**Finance Department
City Attorney
Assistant City Manager - Operations**

Approved By: Michael L. Spurgeon, City Manager

Attachments: Certified Bid Tabulation

Recommendation:

Award the lowest responsible bid, to Tonto Environmental, LLC and approve and authorize execution of a contract to remove sludge from the Verdigris Water Treatment Plant Residuals Disposal Lagoon No. 1 and 2.