



City of Broken Arrow

Request for Action

File #: 17-2349, **Version:** 1

Broken Arrow Municipal Authority
Meeting of: 07-03-17

To: Chairman and Authority Members
From: Engineering and Construction Department
Title: Consideration, discussion, and possible award of the lowest responsible bid to Crossland Heavy Contractors, Inc., and approval and authorization to execute a construction contract for Digester Rehabilitation at the Lynn Lane Wastewater Treatment Plant (Project No. 165428)

Background:

The Digester Rehabilitation at Lynn Lane Wastewater Treatment Plant (LLWWTP) is a project recommended from the Sludge Digestion Evaluation contract performed by Tetra Tech. The project consists of cleaning debris from the digesters, rehabilitating the aeration piping and replacing the fine bubble diffusers with coarse bubble diffusers. Currently the southern digester is out of service for these repairs. Both digesters will receive the same rehabilitation.

The Digester Rehabilitation is the first of two approved LLWWTP projects that will reduce plant odors while improving plant capacity and efficiency. Another is the Headworks Rehabilitation, including screening facility and grit removal, which is scheduled for a construction start in late 2017.

The Digester Rehabilitation construction project was advertised for bids on May 10 and 17, 2017. The project was divided into a Base Bid for the digester cleaning and rehabilitation, Additive Alternate No. 1 for access platforms, and Additive Alternate No. 2 for air flow meters at the two digesters. Bids were opened on June 20, 2017. There were four (4) bidders. The lowest responsible bid was submitted by Crossland Heavy Contractors, Inc., in the amount of \$834,448.00 for the Base Bid, \$15,400.00 for Additive Alternate No. 1, and \$24,000.00 for Additive Alternate No. 2, for a total of \$873,848.00. The engineer's estimate was \$1,200,060.00 for the Base Bid, \$26,000.00 for Additive Alternate No. 1, and \$30,000.00 for Additive Alternate No. 2, for a total of \$1,256,060.00. Staff recommends award of the Base Bid and Additive Alternates 1 and 2 to the low bidder, Crossland Heavy Contractors, Inc., in the amount of \$873,848.00.

Funding for this project is from Oklahoma Water Resources Board Financial Assistance Program Loan No. FAP-17-0004-L.

Cost: \$873,848.00
Prepared By: Alex M. Mills, P.E., CFM, Engineering and Construction Director
Reviewed By: Utilities Department

**Finance Department
Assistant City Manager**

Approved By: Michael L. Spurgeon, City Manager

Attachments: Certified Bid Tabulation

Recommendation:

Award the lowest responsible bid to Crossland Heavy Contractors, Inc., and approve and authorize execution of a construction contract for Digester Rehabilitation at the Lynn Lane Wastewater Treatment Plant