



City of Broken Arrow

Request for Action

File #: 17-2665, Version: 1

**Broken Arrow Municipal Authority
Meeting of: 09-19-17**

To: Chairman and Authority Members

From: Engineering and Construction Department

Title:

Approval of and authorization to execute a Professional Consultant Agreement with Meshek & Associates, LLC, for Water and Sewer Geographical Information System (GIS) Updates (Project Nos. 185405 and 185427)

Background:

This Professional Consultant Agreement is to update the water and wastewater collection system information on the City Geographical Information System (GIS). The Consultant will review current GIS data, digitize and add utility plans for 11 recent subdivisions, establish a geometric network for tracing and break analysis, review existing utility features (valves, manholes, hydrants, lines, etc.), reconcile horizontal locations of existing GIS features with data that Utilities Department is gathering on water valves, and configure a Web-enabled GIS service. Engineering and Construction Department staff have negotiated a cost of \$96,000 with Meshek & Associates, LLC, for the work.

Funding for this agreement is available in Water and Sewer R&C accounts.

Cost: \$96,000.00

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

Reviewed By: Utilities Department

Finance Department

Assistant City Manager - Operations

Approved By: Michael L. Spurgeon, City Manager

Attachments: Professional Consultant Agreement

Recommendation:

Approve and authorize execution of Professional Consultant Agreement with Meshek & Associates, LLC, for Water and Sewer GIS Updates