
**CITY OF TEMPE
REQUEST FOR COUNCIL ACTION****Council Meeting Date: 09/22/2016
Agenda Item: 5B5**

ACTION: Award a one-year contract with four, one-year renewal options to Wachs Water Services for water main valve condition assessment and related services.

FISCAL IMPACT: Total cost of this contract will not exceed \$400,000 during the initial one-year contract period. Sufficient funds are available in the Water/Wastewater Capital Improvement Project Fund cost center 3204969 (Rehabilitation or Replacement of Aging Infrastructure) for the anticipated expenditures.

RECOMMENDATION: Award the contract.

BACKGROUND INFORMATION: (RFP 16-171) The City issued a Request for Proposal (RFP) to establish a contract for water main valve condition assessment and related services. The valve condition assessment contract will utilize Wachs Water to assist in the development, planning and execution of the City-wide valve evaluation, improvement, and information management program. Below is a listing of some of the services to be performed by Wachs Water:

- Locate each water valve;
- Assess the condition of each water valve;
- Exercise (open and close) each water valve to ensure valves can be closed in case of emergency situation;
- Perform minor valve repairs and rehabilitate;
- Record water valve GPS data;
- Create a water valve database and analyze results of all water valves data collected in the City of Tempe water distribution system;

Project Purpose and Need

The City's water distribution system includes approximately 26,600 buried water valves located within street rights-of-way, alleys, and waterline easements. Waterline valves are typically constructed every 600 to 800 feet along a waterline and at all waterline intersections. Ensuring waterline valves are operable is extremely important for a high level of water service reliability during emergency waterline breaks, waterline repairs, and connecting of new services by development. By closing valves directly adjacent to a waterline break or service connection, staff is able to isolate the waterline segment of interest, and minimize the number of customers without water service to those between the closed valves. When a needed valve is inoperable, staff must move to the next operable valve thus increasing the number of customers with interrupted service. Over the last six years Tempe has conducted preventative maintenance of valves at less than ½ the local industry standard and, based on a 2015 valve assessment pilot study, it is estimated that approximately 25% of all valves in the distribution system are inoperable. In addition, some valves in the system are more than 50 years old and are in need of replacement. Broken, un-located, and inoperable valves significantly impact the ability to move water efficiently through the distribution system and increase the number of impacted services during water main shutdowns. This project will increase the number of operable valves by exercising valves, identifying missing valves, assisting with mapping needs, correcting easy repairs, and rehabilitating ceased valves. This will improve water service reliability and increase the resiliency of Tempe's water distribution system.

Evaluation Process

To assist with the evaluation of offers, a committee was formed consisting of representatives from Water Utilities and Procurement.

The City received two (2) proposals from the following firms:

- M. E. Simpson Co., Inc.
- Wachs Water Services

The two (2) offers were reviewed and scored by the evaluation committee in accordance with the criteria and weights published in the Request for Proposal that included:

Evaluation Criteria	Weight
Cost	25.78%
Firm's Experience and Qualifications	20.62%
Firm's Employee Qualifications	25.78%
References	15.47%
Acceptance and Compliance of RFP Terms and Conditions	9.26%
Overall response of RFP	3.09%
	100%

Evaluation

As part of the evaluation the committee reviewed and scored each offer. The following abstract represents all firms' scores listed in rank order.

Evaluation Abstract

Offering Firm	Averaged Hourly Rate	Percentage Markup on Materials/Parts	Score
Wachs Water Services	\$223.37	0%	824.76
M. E. Simpson Co., Inc.	\$250.00	20%	570.39

After reviewing the offers the committee determined that Wachs Water Services submitted the most advantageous offer. As a result the committee is recommending that City Council award a contract to Wachs Water Services for the scope of services detailed herein.

ATTACHMENTS: Vendor Offer

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