CONTRACT

210738

Ordinance Fact Sheet

A-E/Negotiated Form

Brief Title	Approval Deadline	Reason		
Authorizing a professional, specialized, or technical		To authorize execution of a professional, specialized, or		
services contract for the Water Valve and Hydrant		technical services contract; and to authorize four successive		
Assessments, Mapping, and Data Management Program.		renewal options.		
Details		Roles and Responsibilities		
Reason for Contract		Sponsor		
This program will provide asset management services for water valves and fire hydrants including locating, mapping, assessing, operating, testing, exercising, documenting, and creating work orders. The proposed ordinance will authorize this initial one-year contract plus four successive one-year renewal options without		Department or Programs Affected	Water Services Water Services	Department
contract place loar cuccective on	o your remainal options maneur	Recommended	Pure Technologies U.S. Inc.	
Discussion		Awardee	d/b/a Wachs Water Services	
Project Justification The purpose of the Water Valve and Hydrant Assessments, Mapping, and Data Management Program is as follows:		Contract Compliance Certification Obtained?	No	XX Yes
 Evaluate, rehabilitate and improve the reliable of valves in the water distribution system; Determine operational, physical and location valves in the water distribution system; Integrate the database deliverables into the GIS systems; Analyze the results and provide consulting single regarding an asset management program for fire hydrants; Evaluate and improve the operability of fire livater distribution system; Document, integrate and analyze location, properational information on the fire hydrants isolation valves in the water distribution system; Provide water main shutdown, filling and flust and related services as requested by City. The City owns and operates a 240 million gallot treatment facility, over 25 storage and pumping 	tion system; cal and location information of n system; rables into the City's Hansen and de consulting services to the City tent program for water valves and	Opponents	Groups or Individuals None known Reason for Opposition	
	lyze location, physical and e fire hydrants and hydrant lead listribution system; and. h, filling and flushing water mains ested by City. I million gallon per day water e and pumping stations, and	Responsibilities	Professional, Specialize Pure Technolog d/b/a Wachs W Inspections: n/a Construction or Project I	Vater Services
approximately 2,806 miles of transmission and distribution water mains. The City's customer service area includes approximately 320 square miles within the City proper and several regional transmission main systems to wholesale customers outside its limits.			n/a Service Monitoring: n/a	
		Policy/Program Impact		
The north distribution system includes two service levels (north direct and north booster) and the south system has three service levels (south direct, south booster, and south super booster). Approximately 60 isolation valves, referred to as "boundary valves", are used in addition to check valves to maintain the separate service levels and reduced pressure zones. Valve types in the City's distribution system include in-line isolation valves (typically gate, butterfly, and ball valves).		Policy or Program Emphasis Change Operational	XX No	Yes
		Impact Assessment	n/a	

(Continued on reverse side)

Details

The number of in-line isolation valves in the City's distribution system total approximately 34,500. Percentage breakdown of existing isolation valves by nominal size is as follows:

6-inch and smaller: 56%

• 8-inch: 29%

• 10- and 12-inch: 12%

16-inch: 1%

20- and 24-inch: 1%Greater than 24-inch: 1%

Hydrants in the City's distribution system total approximately 25,200 and most are equipped with 6-inch lead isolation gate valves.

Project Description

This project will include the following activities for a specified number of City's distribution valves and fire hydrants:

- Locate, identify, assess, clean out, inspect, exercise or test, record GPS data, create work orders, provide databases for both the City's Hansen Work Order Management System and ESRI GIS Mapping Systems;
- Analyze results;
- · Complete specific data queries requested by City;
- Provide consulting services to City regarding its asset management program for water valves and fire hydrants;
- Provide water main shutdown, filling and flushing water mains, and related services approved by the City; and
- Test shut valves and provide professional valve turning, hydrant operation, and related services to shutdown water mains and fill and flush mains in accordance with the City's standard procedures.

The contractor shall be available to assist the City 24 hours a day, seven days a week with a response time of 90 minutes from initial notification by City.

Unit prices for the work to be completed under this contract were set based on the proposals received. Therefore, Water Services proposes a not to exceed \$1,300,000.00 contract to complete work orders. This proposed ordinance will be for a contract will be for a term of one year with four one-year renewal options.

Proposed Contract: \$1,300,000.00
Proposed Renewal No.1: \$1,300,000.00
Proposed Renewal No. 2: \$1,300,000.00
Proposed Renewal No. 3: \$1,300,000.00
Proposed Renewal No. 3: \$1,300,000.00
Total: \$6,500,000.00

This project is located in Cass, Clay, Jackson, and Platte Counties, Kansas City, Missouri.

Solicitation

Proposals for this project were solicited in accordance with the City's requirements. One proposal was received on June 7, 2021.

Vendor Selection

Pure Technologies U.S. Inc. d/b/a Wachs Water Services was selected for this project in accordance with Code of Ordinance Section 3-31(a).

Details Finances City's Estimate **Human Relations Approval** of Cost \$ 1,300,000.00 Project goals were approved by the Human Relations Department Bid or Lowest Contract at 15% MBE and 10% WBE. Subcontracting information was \$ NA FOR A-E Proposal Data Cost Submitted submitted to the Human Relations Department for review and determination on July 30, 2021, and was approved on August 9, No. of Proposals Considered: 1 2021 with 15% MBE and 10% WBE participation. See the Reason for rejecting lowest contract cost submitted: n/a attached docket memo. **Grant Funding** N/A Other Bidders or **Contract Costs** Is it good for the children? Yes. Contractors Considered Submitted \$ NA FOR How will this contribute to a sustainable Kansas City? \$ A-E This program will help improve the performance of the City's water distribution system and provide asset condition information that will be used to assist in the prioritization of system improvements. \$ \$ **Fund Sources** and Appropriation 22-8010-802010-B Account Codes Division of Distribution-Pipeline For This Contract Project No. 60800045 Source of Future Operating Funds Maximum Amount of Proposed Contract 1,300,000.00 \$ Amount of Contingency \$ **Estimated Duration of Contract:** Engineering & Administration 365 calendar days \$ Fact Sheet Prepared by: Date: TOTAL \$ 1,300,000.00

8/12/2021 Leona Walton

Contracts Manager

Reviewed by: Date:

Charles Stevens 8/19/2021

Utility Operations Officer

Contract No. 9643 Reference Numbers:

Project No. 60800045

Council Committee Actions					
Do Pass		Hold			
Do Pass (as amended)		W/o Recommendation			
Committee Sub.		Do Not Pass			