City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 260673
Submitted Department/Preparer: Water
Revised 01/30/25

Docket memos are required on all ordinances initiated by a Department Director. More information can be found in Administrative Regulation (AR) 4-1.

Executive Summary

Authorizing the Director of Water Services to execute a $1,300,000.00 professional, specialized or technical services contract with Pure Technologies U.S. dba Wachs Water Services, for the Hydrant and Water Valve Assessment, Management and Mapping project; and authorizing five successive one-year renewal options with further City Council approval.

Discussion

Project Justification

The purpose of the Water Valve and Hydrant Assessments, Mapping, and Data Management Program is as follows:

- Evaluate, rehabilitate and improve the reliability and operability of water distribution valves and fire hydrants in the water distribution system;
- Determine operational, physical and location information of valves in the water distribution system;
- Integrate the database deliverables into the City's Hansen Work Order Management System and ESRI GIS Mapping systems;
- Analyze the results and provide consulting services to the City regarding an asset management program for water valves and fire hydrants;
- Document, integrate and analyze location, physical and operational information on the fire hydrants and hydrant lead isolation valves in the water distribution system; and
- Provide water main shutdown, filling and flushing water mains and related services as requested by the City.

The City owns and operates a 240 million gallon per day water treatment facility, over 25 storage and pumping stations, and approximately 3,000 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. 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). 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%

Fire hydrants in the City's distribution system total approximately 26,300 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, perform minor adjustments, 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
- Exercise or 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.

This proposed ordinance will be for the initial contract with five successive one-year renewal options with further City Council approval.

Proposed Cost Summary

- 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. 4: $1,300,000.00
- Proposed Renewal No. 5: $1,300,000.00
- Total: $7,800,000.00

Work will be located throughout Kansas City, Missouri.

Term

The term of this renewal contract is 365 calendar days. There will be five successive one-year renewal options with further City Council approval.

Solicitation

This project was advertised in accordance with the City's requirements. Proposals were due on June 10, 2026 with 3 firms submitting.

MBE/WBE Goals

CREO KC established goals of 15% MBE and 15% WBE on this project on March 12, 2026 as part of the Annual Goal Program.

Awardee/Subcontracting Participation

Pure Technologies U.S. dba Wachs Water Services was selected for this project as the lowest, most responsive, and most responsible bidder with a contract amount of $1,283,800.00, with subcontracting participation of 15% MBE and 15% WBE.

Unit prices for the work to be completed under this contract were set based on the proposals received. Water Services proposes a not-to-exceed $1,300,000.00 contract to complete work orders.

Other Bidders/Subcontracting Participation

- Hydromax USA / $1,301,335.40 / non-responsive
- M.E. Simpson Company, Inc. / $2,146,790.00 / non-responsive

Estimated Project Cost

The estimated opinion of probable construction costs for this project is $1,300,000.00.

Fiscal Impact

1. Is this legislation included in the adopted budget? ☒ Yes ☐ No

2. What is the funding source?
   27-8010-802010-619060 = $1,300,000.00
   Division of Distribution-Pipeline

3. How does the legislation affect the current fiscal year?
   This ordinance is supported by Fiscal Year 27 Water Services Annual CIP. Work on this project will be performed to improve the reliability of the City's water distribution system.

4. Does the legislation have a fiscal impact in future fiscal years? Please notate the difference between one-time and recurring costs.
   Funds encumbered in the current fiscal year will be disbursed over Fiscal Year 27. Work on the project is anticipated to be completed by 365 days from the Notice to Proceed date.

5. Does the legislation generate revenue, leverage outside funding, or deliver a return on investment?
   No.

Office of Management and Budget Review
(OMB Staff will complete this section.)

1. This legislation is supported by the general fund. ☐ Yes ☒ No

2. This fund has a structural imbalance. ☒ Yes ☐ No

3. Account string has been verified/confirmed. ☒ Yes ☐ No

Additional Discussion (if needed)

Citywide Business Plan (CWBP) Impact

1. View the Adopted 2025-2029 Citywide Business Plan

2. Which CWBP goal is most impacted by this legislation?
   Infrastructure and Accessibility (Press tab after selecting.)

3. Which objectives are impacted by this legislation (select all that apply):

   ☐ Engage in thoughtful planning and redesign of existing road networks to ensure safety, access, and mobility of users of all ages and abilities.
   ☐ Develop a multimodal regional transportation system for all users.

☒ Develop environmentally sustainable strategies that improve quality of life and foster economic growth.
☒ Ensure adequate resources are provided for continued maintenance of existing infrastructure.
☐ Focus on delivery of safe connections to schools.
☐

Prior Legislation

N/A

Service Level Impacts

This contract requires to assess 8,560 valves & 2,500 fire hydrants annually.

Staff Recommendation

Water Services Department

Select One: ☒ Sponsored
☐ Directive: Res/Ord # Click to enter Res/Ord. No.

Select One: ☒ Recommend
☐ Do Not Recommend
☐ Not Applicable

Click or tap here to provide reasoning.

Other Impacts

1. What will be the potential health impacts to any affected groups?
   N/A

2. How have those groups been engaged and involved in the development of this ordinance?
   N/A

3. How does this legislation contribute to a sustainable Kansas City?
   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.

4. Does this legislation create or preserve new housing units?
   No (Press tab after selecting)

   N/A

5. Department staff certifies the submission of any application Affirmative Action Plans or Certificates of Compliance, Contractor Utilization Plans (CUPs), and Letters of Intent to Subcontract (LOIs) to CREO prior to, or simultaneously with, the legislation entry request in Legistar.

   Yes - I have submitted documents for CREO Review (Press tab after selecting)
   Please attach or copy and paste CREO's review.
   The Contractor Utilization Plan was submitted to CREO KC for this professional, specialized or technical services project on July 21, 2026, and is pending approval.

   There are Affirmative Action Program requirements on this project.

6. Does this legislation seek to approve a contract resulting from an Invitation for Bid?

   No (Press tab after selecting)

   Click or tap here to enter text.

7. Does this legislation seek to approve a contract resulting from a Request for Proposal/Qualification (RFP/Q)?
   Yes (Press tab after selecting)
   In an effort to prevent disclosure of confidential information, a separate communication will be provided to City Council members to reflect the top three proposers for the RFP/Q.