



# City of Kansas City, Missouri

## Docket Memo

Ordinance/Resolution #: 240018

Submitted Department/Preparer: Water

Revised 11/01/23

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 a \$4,698,000.00 construction contract with Infrastructure Solutions, LLC, for the Water Main Replacement in the Area of MLK Boulevard to W. 80<sup>th</sup> Terrace, State Line Road to Prospect Avenue project; and authorizing a maximum expenditure of \$5,167,800.00.

## Discussion

### Project Justification

The Water Services Department is undertaking this construction project to improve distribution system reliability, increase hydraulic conveyance capacity, and support fire protection to replace aging, break-prone cast iron (CIP) water mains with ductile iron pipe (DIP).

### Project Description

This project includes the replacement of approximately 12,575 LF of 2-inch, 6-inch, 8-inch and 12-inch water mains in the area of MLK Boulevard to East 69th Terrace, State Line Road to Prospect Avenue, in Kansas City, Jackson County, Missouri. The project will replace the water mains in the following areas:

- Replace 1,030 LF of 12-inch CIP water main with 12-inch DIP along West 55th Street from State Line Road to Ward Parkway;
- Replace 675 LF of 8-inch CIP water main with 8-inch DIP along West 49th Street from Main Street to Brookside Boulevard;
- Replace 675 LF of 6-inch CIP water main with 8-inch DIP along West 51st Terrace from Wornall Road to Wyandotte Street;
- Replace 1,380 LF of 6-inch CIP water main with 8-inch DIP along Walnut Street from East 49th Street to East 51st Street;
- Replace 560 LF of 6-inch CIP water main with 8-inch DIP along East 50th Street from Oak Street to Cherry Street;
- Replace 1,325 LF of 8-inch CIP water main with 12-inch DIP along Cherry Street from Volker Boulevard to 300 LF south of East 50th Street;
- Replace 650 LF of 6-inch CIP water main with 8-inch DIP along East 51st Street from Holmes Street to Rockhill Road;
- Replace 750 LF of 6-inch CIP water main with 8-inch DIP along East 62nd Street from Brookside Boulevard to Main Street;

- Replace 690 LF of 12-inch CIP water main with 12-inch DIP along Oak Street from East Meyer Boulevard to East 65th Street;
- Replace 1,340 LF of 12-inch CIP water main with 12-inch DIP along Oak Street from Rockhill Road to East 69th Street;
- Replace 675 LF of 6-inch CIP water main with 8-inch DIP along East Meyer Boulevard from Rockhill Road to Troost Avenue;
- Replace 325 LF of 2-inch CIP water main with 6-inch DIP along Forest Avenue from East 66th Terrace toward the dead-end;
- Replace 1,925 LF of 6-inch CIP water main with 8-inch DIP along Park Avenue from East 60th Street to East 63rd Street; and
- Replace 575 LF of 6-inch CIP water main with 8-inch DIP along West 80th Terrace from Brookside Boulevard to Main Street.

The work will include the transfer of customers' water service connections from existing water mains to new water mains. The amount of this contract is \$4,698,000.00.

The term of this contract is 330 calendar days.

### **Solicitation**

This project was advertised in accordance with the City's requirements. Public bids were opened on December 12, 2023 with 5 bidders responding.

### **MBE/WBE Goals**

CREO KC established goals of 11% MBE and 11% WBE on this project on July 27, 2023 as part of the CREO KC Annual Goal Program.

### **Awardee/Subcontracting Participation**

Infrastructure Solutions, LLC was selected for this project as the lowest, most responsive, and most responsible bidder with a contract amount of \$4,698,000.00, with subcontracting participation of 11% MBE and 11% WBE.

### **Other Bidders/Subcontracting Participation**

Other bids received with proposed subcontracting participation is as follows:

- Leath & Sons, Inc. / \$4,838,558.00 / 11% MBE & 11% WBE participation
- SHEDIGS IT, LLC / \$5,239,829.00 / non-responsive
- Rodriguez Mechanical Contractors, Inc. / \$5,283,514.00 / non-responsive
- Hettinger Excavating, LLC / \$5,987,885.00 / unknown participation

### **Estimated Project Cost**

The estimated opinion of probable construction costs for this project is \$5,506,670.00.

## Fiscal Impact

1. Is this legislation included in the adopted budget?  Yes  No
2. What is the funding source?  
AL-8081-807705-611060-80002272 = \$5,167,800.00  
Water Main Replacement Program ; Water Revenue Bond Series 2024A
3. How does the legislation affect the current fiscal year?  
This ordinance is supported by the Fiscal Year 24 Water Services Annual CIP.  
Work on this project will be performed during the current fiscal year 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.  
No.
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)

Click or tap here to enter text.

## Citywide Business Plan (CWBP) Impact

1. View the [FY23 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.
- Enhance the City's connectivity, resiliency, and equity through a better-connected multi-modal transportation system for all users.
- Build on existing strengths while developing a comprehensive transportation plan for the future.
- Develop environmentally sustainable infrastructure 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

City Council passed Ordinance No. 210774 on October 7, 2021 authorizing a \$489,923.00 design professional services contract with George Butler Associates, Inc., for the Water Main Replacement in the Area of Dr. Martin Luther King, Jr. Boulevard to E. 69<sup>th</sup> Terrace, State Line Road to Prospect Avenue.

## Service Level Impacts

This project will contribute to service level impacts by replacing aging, break-prone water mains with new water mains, thereby improving distribution system reliability, increasing hydraulic conveyance capacity, and supporting fire suppression.

## Other Impacts

1. What will be the potential health impacts to any affected groups?  
Work on this project will contribute to health impacts by supplying healthy and safe drinking water to citizens and supporting fire protection when needed.
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 project will contribute to a sustainable Kansas City by replacing aging, break-prone water mains with new water mains, thereby improving distribution system reliability, increasing hydraulic conveyance capacity, and supporting fire protection.
4. Does this legislation create or preserve new housing units?  
No (Press tab after selecting)

N/A

Click or tap here to enter text.

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 the construction project on December 28, 2023, and is pending approval.

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

Yes(Press tab after selecting)

List the three (3) lowest bidders in addition to the selected bidder.

- Infrastructure Solutions, LLC
- Leath & Sons, Inc.
- SHEDIGS IT, LLC

7. Does this legislation seek to approve a contract resulting from a Request for Proposal/Qualification (RFP/Q)?

No(Press tab after selecting)