



# City of Kansas City, Missouri

## Docket Memo

Ordinance/Resolution #: 231025

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 \$4,091,108.00 construction contract with Rodriguez Mechanical Contractors, Inc., for the Water Main Replacement in the Area of E. 27<sup>th</sup> Street to E. 63<sup>rd</sup> Street from Prospect Avenue to U.S. 40 Highway project; and authorizing a maximum expenditure of \$4,505,718.00.

### 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 in general consists of replacing approximately 11,050 linear feet (LF) of 6-inch, 8-inch, and 12-inch break-prone or obsolete water mains within the project limits, generally defined as E. 27<sup>th</sup> Street to E. 63<sup>rd</sup> Street from Prospect Avenue to U.S. 40 Highway, in Kansas City, Jackson County, Missouri.

The specific mains to be replaced and other distribution system improvements within the project limits consist of the following:

- Replace 1,150 LF of 6-inch CIP water main with 8-inch DIP along Spruce Avenue between E. 27<sup>th</sup> Street and E. 29<sup>th</sup> Street;
- Replace 400 LF of 6-inch CIP water main with 8-inch DIP along E. 30<sup>th</sup> Street between Kensington Avenue and Cypress Avenue;
- Replace 1,000 LF of 6-inch CIP water main with 8-inch DIP along Brighton Avenue between E. 31<sup>st</sup> Street to the north dead end;
- Replace 900 LF of 12-inch CIP water main with 12-inch DIP along Linwood Green Park between E. 32<sup>nd</sup> Street to the south dead end;
- Replace 750 LF of 6-inch CIP water main with 8-inch DIP along Crescent Avenue between E. 39<sup>th</sup> Street to the north 750 feet;
- Replace 600 LF of 12-inch CIP water main with 12-inch DIP along Pittman Road between E. 41<sup>st</sup> Street south and then north to I-70;

- Replace 1,000 LF of 6-inch CIP water main with 8-inch DIP along E. 43rd Street S. between Blue Ridge Boulevard to U.S. 40 Highway;
- Replace 600 LF of 8-inch CIP water main with 8-inch DIP along Ditzler Avenue between E. 43<sup>rd</sup> Street to E. 44<sup>th</sup> Street;
- Replace 850 LF of 12-inch CIP water main with 12-inch DIP along Blue Ridge Cutoff between Royal Way to the south 850 feet;
- Replace 1,450 LF of 8-inch CIP water main with 8-inch DIP along Evanston Avenue between E. 47<sup>th</sup> Street to Creston Avenue;
- Replace 1,350 LF of 6-inch CIP water main with 8-inch DIP along S. Benton Avenue between E. 48<sup>th</sup> Street to E. 51<sup>st</sup> Street;
- Replace 1,400 LF of 6-inch CIP water main with 8-inch DIP along Chestnut Avenue between E. 52<sup>nd</sup> Street to E. 54<sup>th</sup> Street;
- Replace 650 LF of 8-inch CIP water main with 8-inch DIP along Spruce Avenue the middle 650 LF between E. 52<sup>nd</sup> Street and E. 53<sup>rd</sup> Street;
- Replace 350 LF of 6-inch CIP water main with 8-inch DIP along E. 52<sup>nd</sup> Street between Brighton Avenue and Quincy Avenue;
- Replace 550 LF of 6-inch CIP water main with 8-inch DIP along Chelsea Avenue between Blue Parkway to E 49<sup>th</sup> Street;
- Replace 700 LF of 8-inch CIP water main with 8-inch DIP along Ararat Drive between Eastwood Trafficway To Bristol Avenue;
- Replace 1,350 LF of 6-inch CIP water main with 8-inch DIP along E. 67<sup>th</sup> Street from Jackson Avenue to Elmwood Avenue;
- Replace 675 LF of 8-inch CIP water main with 8-inch DIP along Cleveland Avenue between E. 74<sup>th</sup> Street to E. 73<sup>rd</sup> Street;
- Replace 400 LF of 6-inch CIP water main with 8-inch DIP along E. 75<sup>th</sup> Street between Askew Avenue and Bales Avenue; and
- Replace 825 LF of 8-inch CIP water main with 8-inch DIP along E. 75<sup>th</sup> Street between Manchester Avenue and Hullwood Avenue.

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 \$4,091,108.00.

The term of this contract is 425 calendar days.

### **Solicitation**

This project was advertised in accordance with the City's requirements. Public bids were opened on October 31, 2023 with 3 bidders responding.

### **MBE/WBE Goals**

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

### **Awardee/Subcontracting Participation**

Rodriguez Mechanical Contractors, Inc. was selected for this project as the lowest, most responsive, and most responsible bidder with a contract amount of \$4,091,108.00, 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. / \$4,453,179.00 / 11% MBE & 11% WBE participation
- Infrastructure Solutions, LLC / \$4,970,800.00 / 11% MBE & 11% WBE participation

### **Estimated Project Cost**

The estimated opinion of probable construction costs for this project is \$6,228,585.24.

## **Fiscal Impact**

1. Is this legislation included in the adopted budget?  Yes  No
2. What is the funding source?  
AL-8081-807705-611060-80002275 = \$4,505,718.00 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

Ordinance No. 210871 was approved by City Council on October 7, 2021 approving a \$593,776.00 design professional services contract with Lamp Rynearson, Inc. for the Water Main Replacement in the Area of E. 27<sup>th</sup> Street to E. 63<sup>rd</sup> Street, Prospect Avenue to U.S. 40 Highway project.

## 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 on November 16, 2023, and was approved on November 22, 2023 with 11% MBE and 11% WBE participation.
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.
  - Rodriguez Mechanical Contractors, Inc.
  - Leath & Sons, Inc.
  - Infrastructure Solutions, LLC

7. Does this legislation seek to approve a contract resulting from a Request for Proposal/Qualification (RFP/Q)?  
No(Press tab after selecting)