



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. 27th Street to E. 63rd 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. 27th Street to E. 63rd 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. 27th Street and E. 29th Street;
- Replace 400 LF of 6-inch CIP water main with 8-inch DIP along E. 30th 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. 31st 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. 32nd Street to the south dead end;
- Replace 750 LF of 6-inch CIP water main with 8-inch DIP along Crescent Avenue between E. 39th Street to the north 750 feet;
- Replace 600 LF of 12-inch CIP water main with 12-inch DIP along Pittman Road between E. 41st 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. 43rd Street to E. 44th 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. 47th Street to Creston Avenue;
- Replace 1,350 LF of 6-inch CIP water main with 8-inch DIP along S. Benton Avenue between E. 48th Street to E. 51st Street;
- Replace 1,400 LF of 6-inch CIP water main with 8-inch DIP along Chestnut Avenue between E. 52nd Street to E. 54th Street;
- Replace 650 LF of 8-inch CIP water main with 8-inch DIP along Spruce Avenue the middle 650 LF between E. 52nd Street and E. 53rd Street;
- Replace 350 LF of 6-inch CIP water main with 8-inch DIP along E. 52nd 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 49th 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. 67th 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. 74th Street to E. 73rd Street;
- Replace 400 LF of 6-inch CIP water main with 8-inch DIP along E. 75th Street between Askew Avenue and Bales Avenue; and
- Replace 825 LF of 8-inch CIP water main with 8-inch DIP along E. 75th 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. 27th Street to E. 63rd 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)