



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 250196

Submitted Department/Preparer: Water

Revised 6/10/24

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 \$3,702,158.00 construction contract with Abay Construction Inc., for the Water Main Replacement in the Area of W. 46th Street to W. 50th Street, Liberty Street to Main Street project; and authorizing a maximum expenditure of \$4,072,373.00.

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 pipe (CIP) water mains with ductile iron pipe (DIP).

Project Description

This project includes the replacement of approximately 8,375 linear feet (LF) of 6-inch, 8-inch, and 16-inch break-prone cast iron pipe (CIP) transmission water main with 16-inch ductile iron pipe (DIP) transmission water main in the area of W. 46th Street to W. 50th Street, Liberty Street to Main Street, 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 1,065 LF of 6-inch CIP water main with 8-inch DIP along Broadway Boulevard from West 44th Street to West 45th Street,
- Replace 400 LF of 8-inch CIP water main with 8-inch DIP along West 45th Street from Broadway Boulevard to Wornall Road,
- Replace 570 LF of 8-inch CIP water main with 8-inch DIP along Wornall Road from West 45th Street to West 46th Street,
- Replace 1,225 LF of 6-inch CIP water main with 6-inch DIP along Liberty Street from West 47th Street to West 49th Street,
- Replace 690 LF of 6-inch CIP water main with 8-inch DIP along Madison Avenue from West 46th Street to West 47th Street,

- Replace 1,080 LF of 6-inch CIP water main with 8-inch DIP along Roanoke Parkway from West 47th Street to Ward Parkway,
- Replace 450 LF of 16-inch CIP water main with 16-inch DIP along Wornall Road from Ward Parkway to West 49th Street,
- Replace 170 LF of 6-inch CIP water main with 8-inch DIP along Ward Parkway from Wornall Road to West 48th Street,
- Replace 1,200 LF of 6-inch CIP water main with 8-inch DIP along West 49th Street from Ward Parkway to Main Street,
- Replace 700 LF of 8-inch CIP water main with 8-inch DIP along West 49th Street from Wyandotte Street to Main Street and,
- Replace 825 LF of 6-inch CIP water main with 6-inch DIP along West 50th Street from Pennsylvania Avenue to Wornall Road.

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 \$3,702,158.00.

Term

The term of this contract is 300 calendar days.

Solicitation

This project was advertised in accordance with the City's requirements. Public bids were opened on January 28, 2025 with 7 bidders responding.

MBE/WBE Goals

CREO KC established goals of 11% MBE and 11% WBE on this project on July 15, 2024 as part of the Annual Goal Program.

Awardee/Subcontracting Participation

Abay Construction Inc. was selected for this project as the lowest, most responsive, and most responsible bidder with a contract amount of \$3,702,158.00, with subcontracting participation of 11% MBE and 11% WBE.

Other Bidder/Subcontracting Participation

Other bids received with proposed subcontracting participation are as follows:

- Leath & Sons, Inc. / \$3,831,816.87 / 11% MBE & 11% WBE participation
- Rodriguez Mechanical Contractors / \$4,200,000.00 / non-responsive
- SHEDIGS IT, LLC / \$4,878,380.00 / non-responsive
- Kissick Construction, Inc. / \$5,964,720.00 / non-responsive
- Hettinger Excavating, Inc. / \$6,617,500.00 / non-responsive
- Infrastructure Solutions, LLC / \$8,147,500.00 / non-responsive

Estimated Project Cost

The estimated opinion of probable construction costs for this project is \$4,020,875.00.

Fiscal Impact

1. Is this legislation included in the adopted budget? ☒ Yes ☐ No
2. What is the funding source?
AL-8082-807705-611060-80002280 = \$4,072,373.00
Water Main Replacement Program; Water Revenue Bonds 2025A
3. How does the legislation affect the current fiscal year?
This ordinance is supported by the Fiscal Year 25 Water Services Annual CIP. Work on this project will be performed during the current and next fiscal years 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 Years 25 and 26. Work on the project is anticipated to be completed by 300 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.
 - ☐ 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

N/A

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 February 20, 2025, 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.

- Abay Construction, Inc.
- Leath & Sons, Inc.
- Rodriguez Mechanical Contractors
- 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)