



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #: 240236

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 \$860,777.00 design professional services contract with HNTB Corporation, for the Water Main Replacement in the Area of Brooklyn Avenue to Hardesty Avenue, E. 9th Street to E. 24th Street project.

Discussion

Project Justification

The Water Services Department is undertaking this design professional services project to improve distribution system reliability, increase hydraulic conveyance capacity, and support fire protection.

Project Description

This project includes the design of replacement of approximately 27,335 linear feet (LF) of 8-inch, 10-inch, 12-inch, and 16-inch break-prone CIP water main with 8-inch and 16-inch zinc-coated DIP water mains in the area of Brooklyn Avenue to Hardesty Avenue, E. 9th Street to E. 24th Street, in Kansas City, Jackson County, Missouri.

The project will replace the water mains in the following areas:

- Replace 375 LF of 8-inch DIP water main along E. 17th Street from Bellefontaine Avenue to Walrond Avenue;
- Replace 1,200 LF of 8-inch CIP water main with 1,200 LF of 8-inch DIP water main along Myrtle Avenue from E. 17th Street to E. Truman Road;
- Replace 1,050 LF of 6-inch CIP water main with 1,050 LF of 8-inch DIP water main along Monroe Avenue from E. 14th Street to E. 12th Street;
- Replace 1,850 LF of 10-inch CIP water main with 1,850 LF of 10-inch DIP water main along E. 12th Street from Monroe Avenue to Jackson Avenue;
- Replace 530 LF of 12-inch CIP water main with 530 LF of 12-inch DIP water main along Cleveland Avenue from E. 12th Street to E. 11th Street;
- Replace 630 LF of 6-inch CIP water main with 630 LF of 8-inch DIP water main along Kensington Avenue from E. 14th Street to E. 13th Street;
- Replace 1,540 LF of 6-inch CIP water main with 1,540 LF of 8-inch DIP water main along E. 9th Street from Elmwood Avenue to Brighton Avenue;

- Replace 1,250 LF of 10-inch CIP water main with 1,250 LF of 10-inch DIP water main along E. 12th Street from Van Brunt Boulevard to Hardesty Avenue;
- Replace 1,980 LF of 16-inch CIP water main with 1,980 LF of 16-inch DIP water main along Hardesty Avenue from E. 12th Street to E. Truman Road;
- Replace 1,330 LF of 6-inch CIP water main with 1,330 LF of 8-inch DIP water main along Denver Avenue from E. 12th Street to E. Truman Road;
- Replace 1,330 LF of 6-inch CIP water main with 1,330 LF of 8-inch DIP water main along Collins Avenue from E. 12th Street to E. Truman Road;
- Replace 1,330 LF of 6-inch CIP water main with 1,330 LF of 8-inch DIP water main along Colorado Avenue from E. 12th Street to E. Truman Road;
- Replace 1,430 LF of 6-inch CIP water main with 1,430 LF of 8-inch DIP water main along Van Brunt Boulevard from E. 23rd Street to E. 20th Street;
- Replace 350 LF of 8-inch CIP water main with 350 LF of 8-inch DIP water main along E. 20th Street from Van Brunt Boulevard to Hardesty Avenue;
- Replace 1,430 LF of 16-inch CIP water main with 1,430 LF of 16-inch DIP water main along Hardesty Avenue from E. 20th Street to E. 17th Street;
- Replace 3,370 LF of 6-inch CIP water main with 3,370 LF of 8-inch DIP water main along Elmwood Avenue from E. 24th Street to E. 19th Street;
- Replace 2,000 LF of 6-inch CIP water main with 2,000 LF of 8-inch DIP water main along Lawn Avenue from E. 20th Street to Van Brunt Boulevard;
- Replace 1,330 LF of 6-inch CIP water main with 1,330 LF of 8-inch DIP water main along Lister Avenue from E. 20th Street to E. 17th Street;
- Replace 1,430 LF of 6-inch CIP water main with 1,430 LF of 8-inch DIP water main along E. 18th Street from Elmwood Avenue to Brighton Avenue;
- Replace 650 LF of 8-inch CIP water main with 650 LF of 8-inch DIP water main along E. 20th Street from Elmwood Avenue to Chelsea Avenue; and
- Replace 950 LF of 6-inch CIP water main with 375 LF of 8-inch DIP water main along E. 20th Street from Elmwood Avenue to Chelsea Avenue.

Term

The term of this project will be 365 days.

Solicitation

This Project was advertised in accordance with the City's requirements. Proposals were received on August 10, 2023 with 15 consultants responding.

MBE/WBE Goals

CREO KC established goals of 14% MBE and 14% WBE on this design professional services project on June 20, 2023.

Awardee/Subcontracting Participation

HNTB Corporation was selected for this project with a contract amount of \$860,777.00, with subcontracting participation of 14% MBE and 14% WBE.

Other Proposals Received

Other proposals received included:

- Burns and McDonnell;
- Cook, Flatt & Strobel Engineers (CFS);
- Crawford, Murphy, Tilly (CMT);
- GBA;
- Jacobs Engineering Group, Inc.
- JEO Consulting Group;
- Lamp Rynearson;
- McClure;
- Olsson Associates;
- SK Design Group, Inc. (SKDG);
- Taliaferro & Browne, Inc.;
- Tetra Tech; and
- V & K
- Wilson & Company, Inc., Engineers & Architects

Estimated Project Cost

The City’s estimated cost for this project is \$874,720.00.

Fiscal Impact

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

2. What is the funding source?
 24-8010-807705-611040-80002471 = \$860,777.00
 Water Main Replacement

3. How does the legislation affect the current fiscal year?
 This ordinance is revenue supported and will not have a net impact on the current fiscal year.

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

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 protection.

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 review on February 20, 2024, and was approved on February 22, 2024 with 14% MBE and 14% WBE participation.

There are Affirmative Action Program requirements in this contract.

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

No(Press tab after selecting)

N/A

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.