



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution # TMP-2745

Submitted Department/Preparer: Water Services

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 \$2,429,674.00 construction contract with Leath & Sons, Inc., for the Water Main Replacement along Gladstone Boulevard to E. 18th Street, Blue Ridge Cutoff to Chelsea Avenue and Water Main Replacement N.E. 53rd Street and N. Agnes Avenue, N.E. Vivion Road to N. Walrond Avenue project; and authorizing a maximum expenditure of \$2,672,641.40.

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) and polyvinyl chloride (PVC) water mains with ductile iron pipe (DIP).

Project Description

This project, which was designed by Taliaferro & Browne, Inc., includes the replacement of approximately 8,815 linear feet (LF) of 4-inch and 6-inch deteriorated and break-prone water mains along Gladstone Boulevard to E. 18th Street, Blue Ridge Cutoff to Chelsea Avenue and Water Main Replacement in the area of N.E. 53rd Street and N. Agnes Avenue, NE Vivion Road to N. Walrond Avenue, in Kansas City, Jackson County, Missouri. The project will replace the water mains in the following areas:

- Replace 790 LF of 6-inch CIP water main with 8-inch DIP along Chelsea Avenue between Gladstone Boulevard and Sunrise Drive;
- Replace 1,410 LF of 6-inch CIP water main with 8-inch DIP along Chelsea Avenue between Smart Avenue and Independence Avenue;
- Replace 1,445 LF of 6-inch CIP water main with 8-inch DIP along E. 9th Street between Hardesty Avenue and Brighton Avenue;
- Replace 1,430 LF of 6-inch CIP water main with 8-inch DIP along Oakland Avenue between E. 17th Street and E. Truman Road;



City of Kansas City, Missouri

Docket Memo

- Replace 800 LF of 6-inch CIP water main with 8-inch DIP along E. 8th Street between Blue Ridge Boulevard and Lewis Avenue;
- Replace 1,600 LF of 6-inch CIP water main with 8-inch DIP along Belmont Boulevard between St. John Avenue and Smart Avenue;
- Replace 540 LF of 4-inch CIP water main with 8-inch DIP along N. Agnes Avenue from N.E. Vivion Road to N.E. 53rd Street; and
- Replace 800 LF of 4-inch CIP water main with 8-inch DIP water main along N.E. 53rd Street from N. Agnes Avenue to N. Walrond Avenue.

This work will include the transfer of customers' water service connections from existing mains to new mains, as well as restoration of roads and properties. The amount of this contract is \$2,429,674.00.

The term of this project will be 365 days.

Solicitation

This Project was advertised in accordance with the City's requirements. Public bids were opened on January 17, 2023 with 2 bidders responding.

Awardee/Subcontracting Participation

Leath & Sons, Inc. was selected as the lowest and most responsive bidder with a base bid of \$2,429,674.00, with subcontracting participation of 11% MBE and 11% WBE.

Other Bidders/Subcontracting Participation

Infrastructure Solutions, LLC submitted a bid on this project at the amount of \$2,708,000.00. They did not submit any 48-hour M/WBE paperwork so their bid is considered non-responsive.

Estimated Opinion of Probable Construction Costs

The estimated opinion of probable construction cost on this projects is \$3,553,000.00.

Fiscal Impact

1. Is this legislation included in the adopted budget? Yes No
2. What is the funding source?

AL-8079-807705-B-80002281, Water Main Replacement Program



City of Kansas City, Missouri

Docket Memo

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 fiscal impact in future fiscal years? Please notate the difference between one-time and recurring costs.

The annual Operations and Maintenance costs of \$5,000 is anticipated for the 100 year life span of these assets.

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

Additional Discussion (if needed)

Click or tap here to enter text.

Citywide Business Plan (CWBP) Impact

View the [FY23 Citywide Business Plan](#)

Which CWBP goal is most impacted by this legislation?

Infrastructure and Accessibility (Press tab after selecting.)

Which objectives are impacted by this legislation (select all that apply):

- Enhance the City's connectivity, resiliency, and equity through a safe, efficient, convenient, inclusive, accessible, sustainable and better connected multi-modal transportation system
- Develop environmentally sound and sustainable infrastructure strategies that improve quality of life and foster economic growth



City of Kansas City, Missouri

Docket Memo

- Increase and support local workforce development and minority, women, and locally-owned businesses
- Engage in efforts to strategically invest in the City's infrastructure and explore emerging technologies
-
-

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?

The following proactive public engagements methods will be used on this project:

- Public information sheet will be posted to KC Water's website,
- Public meeting will be held virtually,
- Contractor and project manager information will be distributed during the project, and
- Contractors will notify customers prior to traffic disruption and brief water outages.

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.



City of Kansas City, Missouri

Docket Memo

4. Does the ordinance/resolution include Civil Rights antidiscrimination requirements in compliance with the Code of Ordinances (Chapter 38, titled "Civil Rights")?

Yes. The advertised M/WBE goals for this project were established as outlined in the CREO Annual Goals Manual for FY23 for a construction project, which were established at 11% MBE and 11% WBE.

There are also Affirmative Action Program requirements in this contract.

5. Has the ordinance/resolution been submitted for review of economic equity & inclusion requirements in compliance with the Code of Ordinances (Chapter 3, titled "Contracts and Leases")?

Yes. The Contractor Utilization Plan was submitted to CREO KC for review on January 26, 2023.