



City of Kansas City, Missouri

Docket Memo

Ordinance/Resolution #

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 \$25,245,892.00 Construction Contract with Kissick Construction Company, Inc., for the Inflow and Infiltration (I/I) Reduction: North of the River Phase 1, Buckeye Creek Area and Water Main Replacement in the Area of N. Briarcliff Road to N. Kensington Avenue, N.E. 36th Street to N.E. 49th Terrace project; authorizing a maximum expenditure of \$27,771,000.00; and authorizing a \$1,890,000.00 Design Professional Services Amendment No. 1 to Contract No. 1508 with Lamp Rynearson, Inc., for a total contract amount of \$2,840,000.00.

Discussion

Project Justification

The I/I Reduction North of the River Phase 1 - Buckeye Creek Area project (Project Number 81000833) is being undertaken to improve the capacity of the sanitary sewer collection system and lessen the volume of overflows from the system by reducing infiltration and inflow through repair and rehabilitation or replacement of pipes and manholes. The project is generally bounded by N.E. Vivion Road to the Missouri River and N. Antioch Road to N. Brighton Avenue in Clay County, Missouri.

The Water Main Replacement in the Area of N. Briarcliff Road to N. Kensington Avenue, N.E. 36th Street to N.E. 49th Terrace project (Project Number 80002219) will improve potable water distribution system reliability, increase hydraulic conveyance capacity, and support fire protection by replacing aging, break-prone cast iron pipe (CIP) and polyvinyl chloride (PVC) water mains with ductile iron pipe (DIP).

Project Description

This I/I Reduction North of the River Phase I – Buckeye Creek construction project includes the rehabilitation or replacement of approximately 91,000 linear feet (LF) of sewer main from 8-inch to 30-inch diameter, 175 manholes, and 1,420 service lateral connections.

The Water Main Replacement in the Area of N. Briarcliff Road to N. Kensington Avenue, N.E. 36th Street to N.E. 49th Terrace construction project includes the replacement of approximately 23,000 LF of break-prone or obsolete 6-inch through 12-inch diameter water mains and appurtenances, and will provide other distribution system improvements.



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The project also includes transfer of customers' water service connections from existing to the new mains and restoration of roads and properties from the sewer and water rehabilitation work. The amount of this contract is \$25,245,892.00.

The term of this contract is 690 days.

Design Professional Services Amendment No. 1

Two design contracts were packaged as a single construction contract to reduce costs and reduce neighborhood disruption since both projects are located in the same area. This proposed \$1,890,000.00 Amendment No. 1 to the Design Professional Services contract with Lamp Rynearson, Inc. will include construction phase services to provide project management and administration, construction office and field support, and resident project representative services.

Solicitation

The construction contract was advertised in accordance with the City's requirements. Public bids were opened on December 13, 2022 with 4 bidders responding.

Awardee/Subcontracting Participation

Kissick Construction Company, Inc. was selected as the lowest and most responsive bidder with a contract amount of \$25,245,892.00, and with subcontracting participation of 9% MBE and 7% WBE.

Other Bidders/Subcontracting Participations

Other bidders include the following:

Havens Construction Company, Inc. submitted a bid on this project in the amount of \$25,492,292.00 with 9% MBE and 6% WBE participation.

Infrastructure Solutions, LLC submitted a bid on this project in the amount of \$31,000,000.00 with 9% MBE and 6% WBE participation.

Leath & Sons, Inc. submitted a bid on this project in the amount of \$33,117,738.62. They did not submit any 48-hour M/WBE paperwork so their bid is considered non-responsive.



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Estimated Opinion of Probable Construction Costs

The estimated opinion of probable construction costs on this project is \$32,522,000.00.

Fiscal Impact

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

2. What is the funding source?

AL-8193-807769-611060-81000833 = \$15,468,907.00 / Overflow Control Program

AL-8079-807705-611060-80002219 = \$12,302,093.00 / Water Main Replacement Program

AL-8189-807769-611040-81000833 = \$ 890,000.00 / Overflow Control Program

23-8110-807769-611040-81000833 = \$1,000,000.00 / Overflow Control Program

3. How does the legislation affect the current fiscal year?

Work on this project will begin in the current fiscal year and will extend into FY24 and FY25.

Invoices will be submitted by the Contractor and Design Professional on a monthly basis after construction begins.

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

The funds encumbered in the current fiscal year will be disbursed over subsequent fiscal years as construction proceeds. Work on the project is anticipated to be complete within 690 calendar days from when work begins.

5. Does the legislation generate revenue, leverage outside funding, or deliver a return on investment?

No.



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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)

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
- 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
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Prior Legislation

City Council approved Ordinance No. 190909 on November 7, 2019 for a \$950,000.00 design professional services contract number 1508 with Lamp Rynearson, inc. to identify and quantify sewer system deficiencies in the North of the River Phase 1 - Buckeye Creek Area project area and to prepare rehabilitation recommendations and construction contract documents.



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City Council approved Ordinance No. 200352 on June 4th, 2020 for a \$486,870.00 design professional services contract number 9420 with Lamp Rynearson, Inc. to prepare construction contract documents for the Water Main Replacement in the Area of N. Briarcliff Road to N. Kensington Avenue, NE 36th Street to NE 49th Terrace project.

Service Level Impacts

The project will contribute to service level impacts by removing infiltration and inflow into the sanitary sewer collection system by rehabilitation or replacement of aging pipes and manholes which will restore system capacity. The project will also improve the water distribution system by replacing aging, break-prone water mains with new 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?

The project will contribute to health impacts by reducing the volume and frequency of sewer overflows and 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 restoring capacity to the sanitary sewer system by removing groundwater infiltration and stormwater inflow and by improving the reliability, hydraulic capacity, and fire protection capability of the potable water distribution system.

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 by the Fairness in Construction Board, whom approved goals of 9% MBE and 6% WBE on this construction project. There are also Affirmative Action Program requirements in this contract.

The M/WBE goals on the Design Professional Services contract are 15% MBE and 10% WBE.

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")?



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The Contractor Utilization Plan provided by Kissick Construction Company, Inc. was submitted to CREO KC for review on January 24, 2023 for this construction contract.

The goals of 15% MBE and 10% WBE set for the design professional services contract will remain in effect through the proposed construction phase services Amendment No. 1.