

CONTRACT

210603

Ordinance Fact Sheet

A-E/Negotiated Form

<u>Brief Title</u>	<u>Approval Deadline</u>	<u>Reason</u>
Water Main Replacement in the Area of N.W. Harlem Road to 14th Street, Baltimore Avenue to Jefferson Street		To authorize expenditures and execution of a Design Professional Services contract.

Details

Reason for Contract

This project is for the design to replace aging, break-prone cast iron pipe (CIP) water mains with ductile iron pipe (DIP).

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 replacement of approximately 15,570 linear feet (LF) of 4-inch, 6-inch, 8-inch, 10-inch, 12-inch, and 24-inch water mains in the area of N.W. Harlem Road to 14th Street, Baltimore Avenue to Jefferson Street, in Kansas City, Clay and Jackson Counties, Missouri.

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

- Replace 760 LF of 12-inch CIP water main with 12-inch DIP along N. Broadway between N.W. Harlem Road and Lou Holland Drive;
- Replace 2,910 LF of 6-inch and 8-inch CIP water mains with 8-inch DIP along N.W. Harlem Road between N. Richards Road and N. McGee Street;
- Replace 400 LF of 6-inch CIP water main with 8-inch DIP along N. Walnut Street between N. Harlem Road and the end of the cul-de-sac;
- Replace 2,000 LF of 6-inch CIP and 12-inch CIP water mains with 8-inch DIP and 12-inch DIP, respectively, along N. Grand Avenue between N. Harlem Road and N. Kansas City Limits;
- Replace 800 LF of 6-inch CIP, 8-inch CIP, and 10-inch CIP water mains with 8-inch DIP and 12-inch DIP, respectively, along W. 7th Street between Broadway Boulevard and Pennsylvania Avenue;
- Replace 710 LF of 8-inch CIP main with 8-inch DIP along W. 8th Street between Washington Street and Broadway Boulevard;
- Replace 2,360 LF of 6-inch CIP and 8-inch CIP water mains with 8-inch DIP along Broadway Boulevard between Highway 70 and W. 12th Street;
- Replace 380 LF of 10-inch CIP water main with 12-inch DIP along May Street between W. 9th Street and W. 8th Street;
- Replace 560 LF of 12-inch CIP water main with 12-inch DIP along W. 9th Street between Wyandotte Street and west of Main Street (approximately V-40);
- Replace 1,940 LF of 4-inch CIP, 6-inch CIP, 8-inch CIP, 24-inch CIP water mains with 8-inch DIP and 24-inch DIP, respectively, along Baltimore Avenue between W. 9th Street and W. 11th Street;

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	Tetra Tech, Inc.
Contract Compliance Certification Obtained?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
Opponents	Groups or Individuals None known Reason for Opposition
Responsibilities	Design Engineering: Tetra Tech, Inc. Inspections: N/A Construction or Project Management: N/A Service Monitoring: N/A

Policy/Program Impact

Policy or Program Emphasis Change	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Operational Impact Assessment	N/A

(Continued on reverse side)

Details

- Replace 520 LF of 10-inch CIP water main with 12-inch DIP along Wyandotte Street between W. 10th Street and W. 11th Street;
- Replace 870 LF of 10-inch CIP water main with 12-inch DIP along W. 10th Street between Washington Street and Central Street; and
- Replace 1,360 LF of 6-inch CIP water main with 8-inch DIP along W. 11th Street between Broadway Boulevard and east of Baltimore Avenue (approximately V-50).

This contract also includes project administration, preliminary field and record investigations, property surveys, pipeline route survey, preliminary and final design, and preparation of construction drawings for bidding. The amount of this contract is \$520,000.00.

Solicitation

This Project was solicited in accordance with the City's requirements. Proposals were due on November 17, 2020 with 25 firms submitting.

Consultant Selection

Tetra Tech, Inc. was selected for this project in accordance with Code of Ordinance Section 3-31(b)(2), departmental selection.

Human Relations Approval

Goals on the project are 11% MBE and 7% WBE. Subcontracting information was submitted to the Human Relations Department for review and determination on May 14, 2021, and was approved on June 3, 2021 with 15.7% MBE and 12.8% WBE participation. See the attached docket memo.

Grant Funding

N/A

Is it good for the children? Yes.

How will this 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.

Finances

City's Estimate of Cost	\$ 520,000.00
Bid or Proposal Data	<i>Lowest Contract Cost Submitted</i> \$ NA FOR A-E <i>No. of Proposals Considered:</i> 25 <i>Reason for rejecting lowest contract cost submitted</i>
Other Bidders or Contractors Considered	Contract Costs Submitted \$ NA FOR A-E \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Fund Sources and Appropriation Account Codes For This Contract	22-8010-807705-B-80002270 = \$520,000.00 Water Main Replacement Program
Source of Future Operating Funds	
Maximum Amount of Proposed Contract	\$ 520,000.00
Amount of Contingency	\$
Engineering & Administration	\$
TOTAL	\$ 520,000.00

Estimated Duration of Contract:

365 calendar days

Fact Sheet Prepared by:

Leona Walton
Contracts Manager

Date:

6/21/2021

Reviewed by:

D. Matt Bond
Chief Engineering Officer

Date:

7/8/2021

Reference Numbers:

Contract No. 9589
Project No. 80002270

Council Committee Actions

Do Pass	<input type="checkbox"/>	<input type="checkbox"/> Hold
Do Pass (as amended)	<input type="checkbox"/>	<input type="checkbox"/> W/o Recommendation
Committee Sub.	<input type="checkbox"/>	<input type="checkbox"/> Do Not Pass