

CONTRACT

Ordinance Fact Sheet

A-E/Negotiated Form

Brief Title	Approval Deadline	Reason
Water Main Replacement in the Area of Southwest Boulevard to Main Street, W. 43rd Street to W. Pershing Avenue.		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 and one steel water main 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 20,000 linear feet (LF) of 1-inch, 4-inch, 6-inch, 8-inch, 10-inch, 12-inch, 16-inch, 24-inch, and 36-inch water mains in the area of Southwest Boulevard to Main Street, W. 43rd Street to W. Pershing Avenue, in Kansas City, Jackson County, Missouri.

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

- Line 1: Replace 2,540 LF of 10-inch CIP water main with 12-inch DIP along Southwest Boulevard between W. 24th Street and W. 27th Street;
- Line 2: Replace 1,590 LF of 36-inch CIP water main with 36-inch DIP along Southwest Boulevard between W. 25th Street and W. 27th Street;
- Line 3: Replace 1,060 LF of 10-inch CIP water main with 12-inch DIP along Southwest Boulevard between W. 29th Street and Wyoming Avenue;
- Line 4: Replace 660 LF of 6-inch CIP water main with 8-inch DIP along Broadway Boulevard between W. 25th Street to W. 26th Street;
- Line 5: Replace 500 LF of a 6-inch CIP water main with 8-inch DIP along W. 26th Street from Jefferson Street to the end of line;
- Line 6: Replace 660 LF of 6-inch CIP water main with 8-inch DIP along Pennsylvania between W. 31st Street and W. 32nd Street;
- Line 7: Replace 620 LF of 24-inch CIP water main with 24-inch DIP along Pennsylvania Avenue between W. 31st Street and W. 32nd Street;
- Line 8: Replace 380 LF of 24-inch CIP water main with 24-inch DIP along W. 32nd Street between Pennsylvania Avenue and Broadway Boulevard;
- Line 9: Replace 670 LF of 6-inch CIP water main with 8-inch DIP along Broadway Boulevard between W. 31st Street and W. 32nd Street;
- Line 10: Replace 700 LF of 16-inch CIP water main with 24-inch DIP along Broadway Boulevard between W. 31st Street and W. 32nd Street;

Roles and Responsibilities	
Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	Crawford, Murphy & Tilly, 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: Olsson, 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

- Line 11: Replace 1,160 LF of 6-inch CIP with 8-inch DIP along Roanoke Road between W. 34th Street and Karnes Boulevard;
- Line 12: Replace 530 LF of 6-inch CIP with 8-inch DIP along Karnes Boulevard between Roanoke Road and 24-inch CIP main crossing Karnes Boulevard;
- Line 13: Replace 3,100 LF of 8-inch CIP water main with 8-inch DIP along Broadway Boulevard between W. 35th Street and W. 39th Street;
- Line 14: Replace 2,000 LF of 16-inch CIP water main with 16-inch DIP along Broadway Boulevard between W. 36th Street and W. 39th Street;
- Line 15: Replace 740 LF of 16-inch CIP water main with 16-inch DIP along W. 36th Street between Broadway Boulevard and Wyandotte Street;
- Line 16: Replace 760 LF of 6-inch CIP water main with 8-inch DIP along Bridger Road between Mill Street and Westport Road;
- Line 17: Replace 1,070 LF of 8-inch CIP water main with 8-inch DIP along Westport Road between Clark Avenue to Mill Street;
- Line 18: Replace 1,110 LF of 4-inch CIP water main with 8-inch DIP along Clark Avenue between W. 40th Street and Westport Road; and
- Line 19: Replace 150 LF of 1-inch steel water main with 6-inch DIP along W. 40th Terrace between Clark Avenue and Southwest Trafficway.

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 \$620,000.00.

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

Crawford, Murphy & Tilly, 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 March 17, 2021, and was approved on April 12, 2021 with 13% MBE and 7% WBE participation. See the attached docket memo.

Details Continued

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	\$ 640,000.00																																										
Bid or Proposal Data	<i>Lowest Contract</i> <i>Cost Submitted</i> \$ NA FOR A-E <i>No. of Proposals Considered: 25</i> <i>Reason for rejecting lowest contract cost submitted</i>																																										
Other Bidders or Contractors Considered	<table border="0" style="width: 100%;"> <tr> <td style="width: 70%;"></td> <td style="text-align: right;">Contract Costs Submitted</td> </tr> <tr> <td></td> <td style="text-align: right;">\$ NA FOR</td> </tr> <tr> <td></td> <td style="text-align: right;">\$ A-E</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> </tr> </table>		Contract Costs Submitted		\$ NA FOR		\$ A-E		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$
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Fund Sources and Appropriation Account Codes For This Contract	22-8010-807705-611040-80002271 = \$620,000.00 Water Main Replacement Program																																										
Source of Future Operating Funds																																											
Maximum Amount of Proposed Contract	\$ 620,000.00																																										
Amount of Contingency	\$																																										
Engineering & Administration	\$																																										
TOTAL	\$ 620,000.00																																										

Estimated Duration of Contract:

365 calendar days

Fact Sheet Prepared by:

Leona Walton
Contracts Manager

Date:

4/23/2021

Reviewed by:

D. Matt Bond
Chief Engineering Officer

Date:

4/29/2021

Reference Numbers:

Contract No. 9591
Project No. 80002271

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