

Ordinance Fact Sheet

A-E/Negotiated Form

Brief Title	Approval Deadline	Reason
Water Main Replacement in the Area of		To authorize expenditures and execution of a Design Professional
N.W. 128th Street to N.E. 46th Street,		Services contract.
N. Amity Avenue to N.E. Cookingham Drive.		

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 19,650 linear feet (LF) of 6-inch, 8-inch, 12-inch, and 16-inch water mains in the area of N.W. 128th Street to N.E. 46th Street, N. Amity Avenue to N.E. Cookingham Drive, in Kansas City, Platte County, Missouri.

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

Area #1

- Replace 8-inch CIP water main with 8-inch DIP a length of approximately 938 feet, in the area of N.W. 123rd Terrace between N.W. Skyview Avenue and dead end near 6133 N.W. 123rd Terrace;
- Replace 12-inch CIP water main with 12-inch DIP, a length of approximately 2,388 feet, in the area of N.W. Skyview Avenue between N.W. 123rd Terrace and N.W. Cookingham Drive;
- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 1,248 feet, in the area of N.W. Cookingham Drive between N.W. Skyview Avenue and dead end near 6400 N.W. Cookingham Drive; and
- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 601 feet, in the area of N.W. Cookingham Drive between N.W. Skyview Avenue and dead end near 5805 N.W. Cookingham Drive.

Area #2

- Replace 12-inch CIP water main with 12-inch DIP, a length of approximately 1,071 feet, in the area of N.W. 97th Terrace between N. Pomona Avenue and N. Congress Avenue; and
- Replace 16-inch PCCP water main with 16-inch DIP, a length of approximately 89 feet, in the area of N. Congress Avenue between N.W. 97th Terrace and the southeast connection to existing 16-inch DIP main.

Area #3

- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 800 feet, in the area of N.W. Belvidere Parkway between N.W. Winter Avenue and N. Avalon Street.

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	Olsson, 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

Area #4

- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 426 feet in the area of N.W. 65th Terrace between N. Genessee Street and N. Liberty Street;
- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 615 feet, in the area of N. Genessee Street between N.W. 64th Terrace and N.W. 65th Terrace;
- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 249 feet, in the branch off of N. Genessee Street to the dead end near 1589 N.W. 65th Terrace;
- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 165 feet, in the branch off of N. Genessee Street to the dead end near 6507 N.W. 65th Terrace;
- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 1,627 feet, in the area of N.W. 64th Terrace between N. Genessee Street and N. Holly Street;
- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 440 feet, in the area of N. Hickory Street between N.W. 64th Terrace and N. Mulberry Drive; and
- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 598 feet, in the area of N. Mulberry Drive between N.W. 64th Terrace and N. Hickory Street.

Area #5

- Replace 12-inch CIP water main with 12-inch DIP, a length of approximately 625 feet, in the area of N. Delta Avenue between N.W. 53rd Street and N.W. 53rd Terrace; and
- Replace 6-inch PVC water main with 8-inch DIP, a length of approximately 745 feet, in the area of N. Delta Avenue between N.W. 53rd Terrace and north dead end near 5405 N. Delta Avenue.

Area #6

- Replace 6-inch CIP, 2-inch CIP, and 1-inch steel water mains with 8-inch DIP, a length of approximately 1,370 feet, in the area of N. Circle Drive between N. Oak Trafficway and N. Lindberg Drive; and
- Replace 6-inch CIP and 2-inch CIP water mains with 8-inch DIP, a length of approximately 435 feet, in the area of N.E. Maple Drive between N. Circle Drive and existing 6-inch DIP connection near 613 N.E. Maple Drive.

Area #7

- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 1,585 feet, in the area of N. Flora Avenue between N.E. Englewood Road and N.E. 53rd Street.

Area #8

- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 482 feet, in the area of N. College Avenue between N.E. 47th Street and N. Gladstone Avenue;
- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 473 feet, in the area of N. Gladstone Avenue between N. College Avenue and N.E. Chouteau Drive; and

Details Continued

Area #9

- Replace 6-inch CIP water main with 8-inch DIP, a length of approximately 845 feet, in the area of N. Drury Avenue between N.E. 59th Street and N.E. 57th Terrace.

Area #10

- Replace 8-inch CIP water main with 8-inch DIP, a length of approximately 965 feet, in the area of N.E. 56th Street between N. Potter Ave and N.E. San Rafael Drive; and
- Replace 12-inch CIP water main with 12-inch DIP, a length of approximately 355 feet, in the area of N.E. San Rafael Drive between the north N.E. 56th Street intersection and the south N.E. 56th Street intersection.

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 \$522,139.54.

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

Olsson, 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 19, 2021, and was approved on March 31, 2021. 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.

Estimated Duration of Contract:

365 calendar days

Fact Sheet Prepared by:

Leona Walton
Contracts Manager

Date:

4/7/2021

Reviewed by:

D. Matt Bond
Chief Engineering Officer

Date:

4/7/2021

Reference Numbers:

Contract No. 9601
Project No. 80002276

Finances

City's Estimate of Cost	\$ 522,139.54																									
Bid or Proposal Data	<p><i>Lowest Contract</i></p> <p><i>Cost Submitted</i> \$ NA FOR A-E</p> <p><i>No. of Proposals Considered: 25</i></p> <p><i>Reason for rejecting lowest contract cost submitted</i></p>																									
Other Bidders or Contractors Considered	<table border="1"> <tr> <th>Contract Costs Submitted</th> </tr> <tr> <td>\$ NA FOR A-E</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> <tr> <td>\$</td> </tr> </table>	Contract Costs Submitted	\$ NA FOR A-E	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
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Fund Sources and Appropriation Account Codes For This Contract	<p>21-8010-807705-611040-80002276 = \$522,139.54</p> <p>Water Main Replacement Program</p>																									
Source of Future Operating Funds																										
Maximum Amount of Proposed Contract	\$ 522,139.54																									
Amount of Contingency	\$																									
Engineering & Administration	\$																									
TOTAL	\$ 522,139.54																									

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