

CONTRACT

220691

Ordinance Fact Sheet

A-E/Negotiated Form

Revised 08-10-2022

Brief Title	Approval Deadline	Reason
Water Main Replacement in the Area of Independence Avenue to Burlington Railroad, Vine Street to Myrtle 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 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 21,450 linear feet (LF) of 6-inch, 8-inch, 10-inch, 12-inch, 16-inch, and 20-inch water mains in the area of Independence Avenue to Burlington Railroad, Vine Street to Myrtle Street, in Kansas City, Jackson County, Missouri.

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

- Replace 1,230 LF of 12-inch CIP water main with 12-inch DIP along Independence Avenue from Askew Avenue to Myrtle Avenue;
- Replace 1,000 LF of 6-inch CIP water main with 8-inch DIP along E. 6th Street from Monroe Avenue to Myrtle Avenue;
- Replace 325 LF of 6-inch CIP water main with 8-inch DIP along Monroe Avenue from Independence Avenue to E. 6th Street;
- Replace 300 LF of 12-inch CIP water main with 12-inch DIP along Cleveland Avenue from Independence Avenue to E. 6th Street;
- Replace 650 LF of 6-inch CIP water main with 8-inch DIP along Myrtle Avenue from Independence Avenue to E. 7th Street;
- Replace 590 LF of 6-inch CIP water main with 8-inch DIP along Park Avenue from E. 6th Street to E. 8th Street;
- Replace 1,340 LF of 8-inch CIP water main with 8-inch DIP along E. 8th Street from Euclid Avenue to Olivia Street;
- Replace 1,625 LF of 20-inch CIP water main with 24-inch DIP along E. 8th Street from Euclid Avenue to Wabash Avenue;
- Replace 360 LF of 10-inch CIP water main with 12-inch DIP along Brooklyn Avenue from E. 8th Street to E. 9th Street;
- Replace 1,250 LF of 16-inch CIP water main with 16-inch DIP along Euclid Avenue from E. 8th Street to E. 10th Street (past E. 10th Street);
- Replace 450 LF of 6-inch CIP water main with 8-inch DIP along Easement east of Woodland Avenue from E. 10th Street to E. 11th Street;
- Replace 340 LF of 6-inch CIP water main with 8-inch DIP along E. 10th Street from Woodland Avenue to easement east of Woodland Avenue;
- Replace 885 LF of 6-inch CIP water main with 8-inch DIP along Woodland Avenue from E. 10th Street to E. 12th Street;

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs	Water Services Department
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: Crawford, Murphy & Tilly, 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 280 LF of 6-inch CIP water main with 8-inch DIP along Gillespie Place from Woodland Avenue to Easement west of Woodland Avenue;
- Replace 280 LF of 10-inch CIP water main with 12-inch DIP along E. 12th Street from Woodland Avenue to Ella Fitzgerald Lane;
- Replace 280 LF of 20-inch CIP water main with 24-inch DIP along Easement south of E. 13th Street from Highland Avenue to Woodland Avenue;
- Replace 555 LF of 6-inch CIP water main with 8-inch DIP along Highland Avenue from 20-inch to E. 14th Street;
- Replace 1,170 LF of 6-inch and 20-inch CIP water main with 8-inch and 24-inch DIP along E. 14th Street from Vine Street to Woodland Avenue (20-inch and 6-inch);
- Replace 660 LF of 6-inch CIP water main with 8-inch DIP along E. 13th Street from Chestnut Avenue to Agnes Avenue;
- Replace 200 LF of 16-inch CIP water main with 16-inch DIP along E. 13th Street from 36" PCPP crossing E. 13th Street to Agnes Avenue;
- Replace 800 LF of 6-inch CIP water main with 8-inch DIP along Kansas Avenue from I-70 to E. Truman Road;
- Replace 2,315 LF of 8-inch CIP water main with 8-inch DIP along E. Truman Road from Kansas Avenue to Askew Avenue;
- Replace 895 LF of 6-inch CIP water main with 8-inch DIP along Walrond Avenue from E. Truman Road to E. 17th Street;
- Replace 960 LF of 6-inch CIP water main with 8-inch DIP along Benton Plaza from Chestnut Avenue to Walrond Avenue;
- Replace 990 LF of 8-inch CIP water main with 8-inch DIP along Indiana Avenue from E. 14th Street to railroad;
- Replace 470 LF of 8-inch CIP water main with 8-inch DIP along Askew Avenue from E. 14th Street to E. Truman Road; and
- Replace 650 LF of 16-inch CIP water main with 16-inch DIP along E. 14th Street from Askew Avenue to Cleveland Avenue.

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 \$598,000.00.

Solicitation

This Project was solicited in accordance with the City's requirements. Proposals were due on January 25, 2022 with 20 firms submitting.

Details

Consultant Selection

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

Civil Rights and Equal Opportunity Department Approval

Goals on the project are 11% MBE and 7% WBE. Subcontracting information was submitted to the Civil Rights and Equal Opportunity Department for review and determination on August 5, 2022, and was approved on August 10, 2022 with 13% MBE and 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	\$ 686,400.00																																								
Bid or Proposal Data	<i>Lowest Contract Cost Submitted</i> \$ NA FOR A-E <i>No. of Proposals Considered:</i> 20 <i>Reason for rejecting lowest contract cost submitted</i>																																								
Other Bidders or Contractors Considered	<table border="1"> <thead> <tr> <th></th> <th>Contract Costs Submitted</th> </tr> </thead> <tbody> <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> </tbody> </table>		Contract Costs Submitted		\$ NA FOR		\$ A-E		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$
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Fund Sources and Appropriation Account Codes For This Contract	AL-8077-807705-B-80002335 = \$358,800.00 23-8010-807705-B-80002335 = \$239,200.00 Water Main Replacement Program																																								
Source of Future Operating Funds																																									
Maximum Amount of Proposed Contract	\$ 598,000.00																																								
Amount of Contingency	\$																																								
Engineering & Administration	\$																																								
TOTAL	\$ 598,000.00																																								

Estimated Duration of Contract:

365 calendar days

Fact Sheet Prepared by:

Leona Walton
Contracts Manager

Date:

8/3/2022

Reviewed by:

Jeff Martin
Chief Engineering Officer

Date:

8/8/2022

Reference Numbers:

Contract No. 9660
Project No. 80002335

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