

# CONTRACT

220692

## Ordinance Fact Sheet

## A-E/Negotiated Form

| Brief Title  | Approval Deadline | Reason   |
|--|-------------------|--|
| Water Main Replacement in the Area of<br>Smart Avenue to Van Brunt Boulevard,<br>E. 14th Street to Jackson Avenue. |                   | To authorize expenditures and execution of a Design Professional<br>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 15,860 linear feet (LF) of 4-inch, 6-inch, 8-inch, 10-inch, 12-inch, 15-inch, and 16-inch water mains in the area of Smart Avenue to Van Brunt Boulevard, E. 14th Street to Jackson Avenue, in Kansas City, Jackson County, Missouri.

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

- Replace 1,304 LF of 6-inch CIP water main with 8-inch DIP along Van Brunt Boulevard from Independence Avenue to Smart Avenue;
- Replace 1,280 LF of 6-inch CIP water main with 8-inch DIP along Lawn Avenue from Independence Avenue to Smart Avenue;
- Replace 1,304 LF of 6-inch CIP water main with 8-inch DIP along Elmwood Avenue from Independence Avenue to Smart Avenue;
- Replace 570 LF of 12-inch CIP water main with 12-inch DIP along Independence Avenue from Elmwood Avenue to Van Brunt Blvd;
- Replace 700 LF of 16-inch CIP water main with 16-inch DIP along Independence Avenue from the 36-inch main to Elmwood Avenue;
- Replace 688 LF of 6-inch CIP water main with 8-inch DIP along Van Brunt Boulevard from E. 7th Street to E. 9th Street;
- Replace 624 LF of 6-inch CIP water main with 8-inch DIP along E. 8th Street from Van Brunt Boulevard to Elmwood Avenue;
- Replace 1,290 LF of 16-inch CIP water main with 16-inch DIP along E 8th Street from Elmwood Avenue to Lykins Park;
- Replace 703 LF of 8-inch CIP water main with 8-inch DIP along Spruce Avenue from E. 7th Street to E. 9th Street;
- Replace 300 LF of 6-inch CIP water main with 8-inch DIP along Jackson Avenue from E. 8th Street to E. 7th Street;
- Replace 740 LF of 8-inch CIP water main with 8-inch DIP along E. 9th Street from Kensington Avenue to Elmwood Avenue;
- Replace 1,091 LF of 6-inch CIP water main with 8-inch DIP along E. 10th Street from Elmwood Avenue to Spruce Avenue;
- Replace 302 LF of 6-inch CIP water main with 8-inch DIP along Kensington Avenue from E. 10th Street to Cloon Avenue;

**Roles and Responsibilities**

|   |  |
|---|--|
| Sponsor                                     | Water Services Department  |
| Department or Programs Affected             | Water Services Department  |
| Recommended Awardee                         | Jacobs Engineering Group, Inc.   |
| Contract Compliance Certification Obtained? | <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes  |
| Opponents                                   | Groups or Individuals<br><br>None known<br><br>Reason for Opposition   |
| Responsibilities                            | Design Engineering:<br>Jacobs Engineering Group, Inc.<br><br>Inspections:<br>N/A<br><br>Construction or Project Management:<br>N/A<br><br>Service Monitoring:<br>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 598 LF of 6-inch CIP water main with 8-inch DIP along E. 11th Street between Van Brunt Boulevard and Elmwood Avenue;
- Replace 566 LF of 10-inch CIP water main with 12-inch DIP along Elmwood Avenue from E. 11th Street to E. 12th Street;
- Replace 2,256 LF of 12-inch CIP water main with 12-inch DIP along E. 12th Street from, V3/H4 on the west to V12 at Van Brunt Boulevard; and
- Replace 1,544 LF of 6-inch and 12-inch CIP water main with 8-inch and 12-inch DIP along E. 11th Street to E. 14th Street from Spruce and Jackson 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 \$478,806.00.

**Solicitation**

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

**Consultant Selection**

Jacobs Engineering Group, 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 32% MBE and 7% 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  | \$ 507,520.00   |
| Bid or Proposal Data   | <i>Lowest Contract</i><br><i>Cost Submitted</i> \$ NA FOR A-E<br><i>No. of Proposals Considered: 20</i><br><i>Reason for rejecting lowest contract cost submitted</i> |
| Other Bidders or Contractors Considered                        | Contract Costs Submitted  |
|  | \$ NA FOR   |
|  | \$ A-E  |
|  | \$  |
|  | \$  |
|  | \$  |
|  | \$  |
|  | \$  |
|  | \$  |
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|  | \$  |
|  | \$  |
|  | \$  |
|  | \$  |
|  | \$  |
|  | \$  |
| Fund Sources and Appropriation Account Codes For This Contract | AL-8077-807705-B-80002338 = \$287,284.00<br>23-8010-807705-B-80002338 = \$191,522.00<br>Water Main Replacement Program  |
| Source of Future Operating Funds                               |   |
| Maximum Amount of Proposed Contract                            | \$ 487,806.00   |
| Amount of Contingency  | \$  |
| Engineering & Administration                                   | \$  |
| <b>TOTAL</b>   | <b>\$ 487,806.00</b>  |

**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:**

8/9/2022

**Reference Numbers:**

Contract No. 9666  
Project No. 80002338

**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        |