

CONTRACT

220670

Ordinance Fact Sheet

A-E/Negotiated Form

Revised 7-31-2022

Brief Title	Approval Deadline	Reason
Water Main Replacement in the Area of		To authorize expenditures and execution of a Design Professional
E. Armour Boulevard to E. 40th Street,		Services contract.

Warwick Boulevard to Wayne Avenue.

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 20,726 linear feet (LF) of 2-inch, 4-inch, 6-inch, 8-inch, 10-inch, 12-inch, and 16-inch water mains in the area of E. Armour Boulevard to E. 40th Street, Warwick Boulevard to Wayne Avenue, in Kansas City, Jackson County, Missouri.

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

- Replace 647 LF of 2-inch, 4-inch and 6-inch CIP water mains along Warwick Court within an apartment complex between Warwick Boulevard and McGee Street;
- Replace 3,431 LF of 16-inch CIP water main along E. 36th Street between Warwick Court (Apartment Complex) and Forest Avenue;
- Replace 2,453 LF of 6-inch CIP water main along E. 36th Street between Warwick Court (Apartment Complex) and Campbell Street;
- Replace 664 LF of 6-inch CIP water main along Cherry Street between E. Armour Boulevard and E. 36th Street;
- Replace 330 LF of 8-inch CIP water main along E. Armour Boulevard between Locust Street and Cherry Street;
- Replace 1,675 LF of 6-inch CIP water main along Holmes Street between E. 36th Street and Manheim Road;
- Replace 1,604 LF of 6-inch CIP water main along Charlotte Street between E. Armour Boulevard and Gleed Terrace;
- Replace 312 LF of 6-inch CIP water main along Gleed Terrace between Charlotte Street and Campbell Street;
- Replace 1,286 LF of 6-inch CIP water main along Campbell Street between E. 36th Street and Manheim Road;
- Replace 1,312 LF of 6-inch CIP water main along Harrison Boulevard between E. 36th Street and Manheim Road;
- Replace 652 LF of 8-inch CIP water main along Troost Avenue between E. Armour Boulevard and E. 36th Street;
- Replace 323 LF of 8-inch CIP water main along E. Armour Boulevard between Troost Avenue and Forest Avenue;
- Replace 80 LF of 6-inch CIP water main along Forest Avenue between 1114 Forest Avenue and E. Armour Road;

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs	
Affected	Water Services Department
Recommended	
Awardee	George Butler Associates, Inc.
Contract	
Compliance	
Certification	☐ No ☒ Yes
Obtained?	
Opponents	Groups or Individuals None known Reason for Opposition
Responsibilities	Design Engineering: George Butler Associates, Inc. Inspections: N/A Construction or Project Management: N/A Service Monitoring: N/A

Policy/Program Impact

Policy or Program	
Emphasis	
Change	☒ No ☐ Yes
Operational	
Impact	
Assessment	N/A

(Continued on reverse side)

- Replace 1,320 LF of 6-inch CIP water main along Warwick Boulevard between E. 37th Street and E. 39th Street;
- Replace 338 LF of 6-inch CIP water main along E. 37th Street between Warwick Boulevard and Gillham Road;
- Replace 681 LF of 6-inch CIP water main along Gillham Road between E. 37th Street and E. 38th Street;
- Replace 329 LF of 8-inch DIP water main along E. 38th Street between Gillham Road and Gillham Road;
- Replace 650 LF of 10-inch CIP water main along Gillham Road between E. 38th Street and E. 39th Street;
- Replace 1,004 LF of 12-inch CIP water main along E. 39th Street between Gillham Road and Kenwood Avenue;
- Replace 650 LF of 8-inch CIP water main along The Paseo Boulevard between E. 39th Street and E. 40th Street; and
- Replace 985 LF of 6-inch CIP water main along E. 40th Street between Virginia Avenue and Wayne 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 \$599,512.00.

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

George Butler Associates, 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 July 20, 2022, and was approved on July 31, 2022 with 20% 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.