

CONTRACT

211001

Ordinance Fact Sheet

Construction/Misc. Form

Revised 11-05-2021

Brief Title
 Authorizing a construction contract for the replacement
 of water mains in the area of State Line Road to Askew
 Avenue, East 87th Street to East 110th Street.

Reason
 To authorize execution of a construction contract and expenditures.

Details

Reason for Contract
 This construction project will be performed to replace aging, break-prone cast iron pipe (CIP) and polyvinyl chloride (PVC) water mains with ductile iron pipe (DIP).

Discussion

Project Justification
 The Water Services Department is undertaking this construction project to improve distribution system reliability, increase hydraulic conveyance capacity, and support fire protection.

Project Description
 This project includes the replacement of approximately 18,840 linear feet (LF) of break prone 2-inch, 4-inch, 6-inch, 8-inch and 12-inch water mains in the area of State Line Road to Askew Avenue from East 87th Street to East 110th Street, Kansas City, Jackson County, Missouri. Additionally, the project includes abandonment of approximately 11,850 LF of 16-inch transmission main on Holmes Road from Holmes Road and East 75th Street to 9051 Troost Avenue.

- This project will replace water mains in the following areas:
- Replace 660 LF of 8-inch CIP water main with 8-inch DIP along West 98th Street from Belleview Avenue towards Madison Avenue;
 - Replace 1,830 LF of 8-inch CIP water main with 8-inch DIP along Belleview Avenue from West 98th Street to West 100th Terrace;
 - Replace 460 LF of 8-inch CIP water main with 8-inch DIP along West 100th Street from Belleview Avenue to Madison Avenue;
 - Replace 1,040 LF of 2-inch and 8-inch CIP water mains with 6-inch and 8-inch DIP along West 100th Terrace from Holly Street towards the dead-end;
 - Replace 1,780 LF of 2-inch and 8-inch CIP water main with 6-inch and 8-inch DIP along West 101st Street from Wornall Road Street towards the dead-end;
 - Replace 190 LF of 2-inch CIP water main with 6-inch DIP along Madison Avenue from West 101st Street towards the dead-end;
 - Replace 700 LF of 12-inch CIP water main with 12-inch DIP along the back of the State Line Shopping Center from 10111 State Line Road to 10205 State Line Road;
 - Replace 400 LF of 6-inch CIP water main with 6-inch DIP along the private driveway of the Three Fountains Apartments Complex from 100 LF East of the intersection of Jefferson Street and West 101st Terrace towards the dead-end;
 - Replace 1,400 LF of 8-inch CIP water main with 8-inch DIP along Walnut Street from East 97th Street to East 99th Street;
 - Replace 900 LF of 8-inch CIP water main with 8-inch DIP along East 99th Street from Walnut Street to Oakdell Drive;
 - Replace 400 LF of 8-inch CIP water main with 8-inch DIP along to Walnut Drive from West 99th Street to Wyandotte Street;

Roles and Responsibilities

Sponsor	Water Services Department
Department or Programs Affected	Water Services Department
Recommended Awardee	Leath & Sons, 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: Wilson & Company, Inc. Inspections: City staff Construction or Project Management: City staff Service Monitoring: City staff

Policy/Program Impact

Policy or Program Emphasis Change	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Operational Impact Assessment	

(Continued on next page)

Details

- Replace 600 LF of 6-inch and 8-inch CIP water mains with 6-inch and 8-inch DIP along Wyandotte Street from Walnut Drive towards the dead-end;
- Replace 1,220 LF of 8-inch CIP water main with 8-inch DIP along Oakdell Drive and McGee Street from East 99th Street to East 100th Terrace;
- Replace 170 LF of 2-inch CIP water main with 6-inch DIP along Linden Circle from East 99th Street towards the dead-end;
- Replace 270 LF of 2-inch CIP water main with 6-inch DIP along Flora Circle from East 99th Street towards the dead-end;
- Replace 350 LF of 2-inch and 6-inch CIP water main with 6-inch DIP along Wayne Avenue from East 99th Street towards the dead-end;
- Replace 250 LF of 2-inch CIP water main with 6-inch DIP along Shepherds Circle from Shepherds Drive towards the dead-end;
- Replace 700 LF of 6-inch CIP water main with 8-inch DIP along Birchwood Drive from Indiana Avenue to Askew Avenue;
- Replace 750 LF of 6-inch CIP water main with 8-inch DIP along Askew Avenue from Birchwood Drive to East 105th Terrace;
- Replace 550 LF of 4-inch CIP water main with 6-inch DIP along Walrond Avenue from St Catherines Lane towards the dead-end;
- Replace 1,050 LF of 6-inch CIP water main with 6-inch DIP along Bellefontaine Avenue from St Catherines Lane towards the dead-end;
- Replace 320 LF of 6-inch CIP water main with 6-inch DIP along East 107th Terrace from St Catherines Lane towards the dead-end;
- Replace 1,200 LF of 6-inch CIP water main with 8-inch DIP along St Catherines Lane from Walrond Avenue towards the dead-end;
- Replace 720 LF of 8-inch CIP water main with 8-inch DIP along East 109th Street and Wabash Avenue from Olive Street to East 109th Terrace;
- Replace 630 LF of 6-inch CIP water main with 6-inch DIP along East 109th Terrace from Park Avenue to Wabash Avenue; and
- Replace 300 LF of 2-inch CIP water main with 6-inch DIP along Park Avenue from East 110th Street towards the dead-end.

This work will include the transfer of customers' water service connections from existing mains to new mains, as well as restoration of roads and properties. The amount of this contract is \$4,889,600.00.

Solicitation

This Project was advertised in accordance with the City's requirements. Public bids were opened on July 13, 2021 with 5 bidders responding.

Grant/Loan Funding N/A

