

**CITY OF JOPLIN
COUNCIL AGENDA ITEM**

ITEM

Council Bill 2019-151

Construction Agreement for the 44th & Virginia Force Main Replacement project

MEETING DATE:

October 7, 2019

ORIGINATING DEPT

Public Works - Engineering

REVIEWED BY

Director of Public Works – David Hertzberg, Director of Finance – Leslie Haase, City Attorney – Peter C. Edwards, Interim City Manager – Dan Pekarek

SUMMARY

This Council Bill approves a Construction Agreement with D & E Plumbing & Heating Inc. for the 44th & Virginia Force Main Replacement project in the not to exceed amount of One Hundred Seventy-eight Thousand, Four Hundred and No/100 Dollars (\$178,400.00).

BACKGROUND

In the early 1960's, the lift station at E. 44th Street and Virginia was built to serve the sanitary sewerage needs of the neighborhood south and east of Stapleton Elementary School. The force main carries sewage westward under S. Main Street and discharges into a gravity manhole west of S. Main Street. Twice in the past 10 years, the force main has been bored through by utility companies installing their lines within S. Main Street (MoDOT Right-of-Way). When repairs were made, it was observed that the existing pipe was thinning from deterioration. At that time, City staff wanted to replace the line underneath S. Main Street but were prevented from doing so because no provisions had been made for easy and cost-effective access to that pipe. Therefore, staff have incorporated accessibility and maintenance provisions into this project by directing the contractor to install the new force main inside a metal sleeve within MoDOT Right-of-Way. Additionally, this project will improve the reliability and durability of the pressurized pipe by installing it deeper beneath the ground surface than the existing line; by utilizing modern materials; and by replacing the remainder of the force main (approximately 950 feet of 6-inch force main), allowing the existing piping to be abandoned in-place.

City staff designed and prepared bid documents for this project, and will provide construction inspection and administration, saving the City an estimated \$50,000 in consulting fees. The project was advertised on September 1, 2019, and bids were opened on September 24, 2019, in accordance with the City of Joplin's procurement policies. Bids were received from 6 contractors; D & E Plumbing & Heating Inc. was confirmed to be the lowest bidder. The low bid was below the Engineer's estimate.

FUNDING SOURCE

The Wastewater fund.

RECOMMENDATION

Staff recommends approval of this Council Bill on an Emergency basis; being an ordinance relating to a public improvement is an emergency within the meaning of Section 2.12(6) of the HOME RULE CHARTER of the City of Joplin, Missouri and the Council hereby declares that this ordinance shall be in full force and effect from and after its passage.

ATTACHMENTS

CB2019-151 Ordinance; Agreement; Bid Tabulation; Map