

## **CITY OF JOPLIN COUNCIL AGENDA ITEM**

### **ITEM**

CB 2021-112 - Approval of Agreement with Ace Pipe Cleaning, Inc. for the 2021-2023 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project

### **MEETING DATE**

February 16, 2021

### **ORIGINATING DEPT**

Public Works/Engineering

### **ATTACHMENTS**

CB 2021-112 Ordinance; Agreement; Schedule of Bid Prices; Bid Summary; Exhibit Map

### **REVIEWED BY**

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

### **SUMMARY**

This Council Bill approves an agreement with Ace Pipe Cleaning, Inc. for the 2021-2023 Evaluation and Rehabilitation Toolbox for Wastewater Collection System Project.

### **BACKGROUND**

On May 20, 2019, Council authorized the City of Joplin to enter an Abatement Order on Consent (AOC) with the Missouri Department of Natural Resources (MDNR) regarding Sanitary Sewer Overflows (SSOs) and Wastewater Treatment Plant Bypasses. Appendix A of that agreement contained the City's 2026 Activities Plan of Its System Renewal & Sanitary Sewer Overflow Prevention Program, which outlines the strategic approach to reducing inflow and infiltration (I&I) within any given sanitary sewer basin. The AOC contains specific 3-year milestone quantities of work to which the City will be held accountable: lineal feet of cured-in-place or new PVC pipe; lineal feet of smoke testing of sewer mains; number of lateral connection repairs, lateral launches, and rehabbed manholes. The multi-year "Toolbox" contract has been the primary mechanism for the City to meet its AOC goals since mid-2019. Before then, earlier versions of the contract allowed the City to meet its previous commitment to increase the reliability of the sanitary sewer system by cleaning, evaluating, rehabilitating, and reducing I&I. To date, approximately 76% of the City's gravity sewer system has been examined and evaluated since 2012, with an additional 37 miles of gravity pipe renewed, as can be seen in the Exhibit Map 1.

The 2021-2023 contract, which was advertised in accordance with the City of Joplin's procurement policies, contained specific language informing bidders that the "estimated quantities indicated in the Conceptual Purchase Order do not represent the first Purchase Order," and that the City "will provide a written scope of work for each individual purchase order issued." Two contractors submitted bids containing unit prices for more than 400 bid items which enable the reconstruction of multiple elements of the sewer system by trenchless and open trench means. After bids were opened on January 13, 2021, the low bidder was determined by comparing the

summation of each bidder's unit prices multiplied by the estimated quantities in the "Conceptual Purchase Order" list of typical pay items. The low bid was provided by Ace Pipe Cleaning, Inc., whose summation equaled \$2,419,037.11 for the estimated scope of work. Any of these unit prices can be applied to subsequent purchase orders, utilizing this menu-like contract. Staff plans to utilize this multiple-year contract to build on the work done under previous contracts, namely, repairing public-side defects discovered during smoke testing work and CCTV evaluations. While repairs can be made throughout the City's sewer system, staff has determined that the majority of the work under this contract will take place in sanitary sewer basins identified by the 2017 flow monitoring study as having excessive I&I or substantial zinc loadings. Exhibit Map 1 also shows the high-priority basins in which reconstruction work can be done. Additionally, the contract will allow the City to continue to clean and evaluate remaining portions of the sewer system. All work under this contract will be funded by the City's Sanitary Sewer Fund No. 415-4542-540-8675, whose budget accommodates staff's anticipated expenditures of approximately \$800,000 in FY2021.

**FUNDING SOURCE**

FY 2020-2021 budget of the Wastewater fund

**RECOMMENDATION**

Staff recommends adoption of this Council Bill on first reading.