City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: October 1, 2018
Council Bill No. 2018-145
Item: Approval of a Purchase Order with Ace Pipe Cleaning, Inc., for the 2018 & 2019 Evaluation and Rehabilitation of Wastewater Collection System Project

Originating Department: Public Works – Engineering

Attachments: 1) Agreement
2) Exhibit Map 1
3) Exhibit of Unit Pay Items
4) Exhibit Map 2
5) Council Bill No. 2018-145

Department Head: David K. Hertzberg
Finance Department: Leslie Haase
City Attorney: Peter C. Edwards
City Manager: Samuel L. Anselm

Recommended Action: Approval of a purchase order for $685,581 with Ace Pipe Cleaning, Inc., for the 2018 & 2019 Evaluation and Rehabilitation of Wastewater Collection System Project.

Background: City staff drafted a 10-year Bypass Elimination Plan that includes cleaning and evaluating the entire collection system, as well as repairing defects. The plan also includes an annual rehabilitation plan aimed at reducing sewer line collapses, reducing Inflow and Infiltration (I&I) of storm water, and increasing the reliability of the system. Since 2013, City staff have managed successive two-year contracts called the Evaluation and Rehabilitation of Wastewater Collection System Project. These menu-like contracts enable City staff to choose various work items, corresponding to progress on the 10-year Bypass Elimination Plan mentioned above. Over the past five years, approximately 75% of the City's gravity sewer system has been cleaned and evaluated, as can be seen in Exhibit Map 1.

In the fall of 2017, bid documents were prepared for the 2018-2019 Evaluation and Rehabilitation of Wastewater Collection System Project, in accordance with the City's procurement policy. Bidders were informed that the unit prices submitted were to be utilized by the City of Joplin to execute purchase orders over a period covering two years. Furthermore, bidders were informed that the City would provide a written scope of work for each individual purchase order issued. Of the three bidders, Ace Pipe Cleaning, Inc., was determined to be the low bidder; bids were below the engineer's estimate.

During the Council meeting on Nov. 6, 2017, Council was informed that there would be future purchase orders using any of the contract unit prices, on an as-needed basis, in conformity with the specific language in the bid documents. CB 2017-164 was then approved, authorizing the City to enter into an Agreement with Ace Pipe Cleaning, Inc.

Discussion: This menu-like contract will be the primary means of rehabilitating sanitary sewer pipes, manholes, lateral connections, etc., utilizing a wide variety of construction methods, on an as-needed basis. The first purchase order under this contract focused on reliability of sanitary sewer infrastructure; that work is still progressing.

While repairs can be made throughout the City's sewer system, staff has determined that the majority of the work under this purchase order will take place in sanitary sewer basins identified by the 2017 flow monitoring study as having excessive I&I. These areas, where defects in the sanitary sewer system were located using smoke testing, have been labeled, "Early Action Areas." In these areas, the impact of rehabilitation of the public infrastructure will be measured as City staff develops a cost-effective strategy for removing I&I throughout the City. All work under this purchase order will be funded by the City's Sanitary Sewer Fund No. 415-4542-540-8675, whose budget accommodates staff's anticipated expenditures of approximately $1,000,000/annually in both FY2018 and FY2019.

Recommendation: Staff recommends that a purchase order for $685,581 with Ace Pipe Cleaning Inc., for the 2018 & 2019 Evaluation and Rehabilitation of Wastewater Collection System Project be approved on an emergency basis per Section 2.12 (6) of the Joplin City Charter.