City of **JOPLIN** City Council Agenda Item

Requested Council Meeting Date: Nov. 6, 2017
Council Bill No. 2017-164
Item: Approval of contract for the 2018 & 2019 Evaluation and Rehabilitation of Wastewater Collection System Project

Originating Department: Public Works – Engineering

Attachments: 1) Agreement
2) Schedule of Contract Bid Prices
3) Bid Summary
4) Exhibit Map "Sanitary Sewer Basins with Excessive I/I And Zinc Loading"
5) Council Bill No. 2017-164

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

Recommended Action: Approval of contract 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 of storm water, and increasing the reliability of the system. To date, approximately 75% of the City's gravity sewer system has been examined and evaluated, over the past several years.

Discussion: The project, which was advertised in accordance with the City of Joplin's procurement policies, contained specific language indicating that the "unit prices submitted are to be utilized by the City of Joplin in order to execute Purchase Orders over a period covering two years." Furthermore, bidders were informed that the "estimated quantities indicated in the Projected Purchase Order Number 1 do not represent the first Purchase Order," and that the City "will provide a written scope of work for each individual purchase order issued." Three contractors submitted bids containing unit prices for more than 300 bid items which enable the reconstruction of multiple elements of the sewer system by trenchless and open trench means. After bids were opened on Oct. 12, 2017, the low bidder was determined by comparing the summation of each bidder's unit prices multiplied by the estimated quantities in the "Projected Purchase Order Number 1" list of typical pay items. The low bid was provided by Ace Pipe Cleaning, Inc., whose summation equaled $955,916.85 for the estimated scope of work. Any of these unit prices can be applied to subsequent purchase orders, on an as-needed basis.

This menu-like contract will be the means of rehabilitating sanitary sewer pipes, manholes, lateral connections, etc., utilizing a wide variety of construction methods, on an as-needed basis. 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 recent flow monitoring study as having excessive I&I or substantial zinc loadings. In the

attached Exhibit map, all the red and grey basins are high priority basins. 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 $1,000,000 in both FY2018 and FY2019.

Recommendation: Staff recommends that the contract 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.