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City Council Staff Report

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**Meeting Date:** 4/15/2024

**Item:** 6

**Report Prepared by:** Adam Dorrell, City Engineer

**Recommended Motion:** To approve a Resolution of the City Council of the City of Kirksville, Missouri, approving the bid from Visu-Sewer of Missouri, LLC for the 2024 Cured-In-Place Pipe (CIPP) Program and further authorizing applicable change orders for additional pipe-lining work not to exceed a maximum of four-hundred thousand dollars (\$400,000.00).

**Background:** Beginning in 2015, the City Council has allocated wastewater funds to be used to rehabilitate and repair existing pipelines in the sewer collection system. The sewer lines are rehabilitated through a trenchless process, known as cured-in-place pipe. This technology allows for the rehabilitation of a pipe by lining the pipe with a resin-saturated felt tube. This technique can be used on pipes four inches (4") in diameter and larger. This method of rehabilitation can extend the life of older sewer mains that have flow capacity and are structurally sound. The cost savings of CIPP method over conventional excavation and replacement have allowed the City to rehabilitate many more linear feet of sewer pipe more economically and efficiently.

The City opened bids to complete 3,739 linear feet of pipelining and 202 vertical feet of manhole lining on April 11, 2024. The City received four (4) bids ranging from a high bid of \$378,389.00 to a low bid of \$319,512.00 with Visu-Sewer of Missouri, LLC being the lowest responsive bidder. This bid will allow for the identification of additional linear feet of sewer lines that could be added to the contract for this fiscal year. The Engineers Estimate of Probable Cost for the Project was \$370,200.00.

**Citizen Impact:** This project is in line with the THINK Kirksville 2040 Objective 5.2. Continue to reduce risk and property damage due to stormwater runoff and sewage backups. Relining existing sanitary sewer mains extends the life of the City's infrastructure and holds user costs down for the general public.

**Fiscal Impact:** The 2024 CIPP Sanitary Sewer Pipe Lining Project in the amount of \$319,512.00 will be administered through the Wastewater Capital Infrastructure fund account 880-8085-7160 which includes \$400,000.00 for this project.

**Respectfully submitted,**



**Mari E. Macomber**  
City Manager