



MEETING OF JANUARY 3, 2023

TO: Mayor Jordan and City Council

THRU: Susan Norton, Chief of Staff
Timothy Nyander, Utilities Director

FROM: Corey Granderson, Utilities Engineer

DATE: December 15, 2022

SUBJECT: **WAIVE COMPETITIVE BIDDING AND AUTHORIZE A DESIGN-BUILD CONTRACT WITH STRUCTURAL PRESERVATION SYSTEMS, LLC**

RECOMMENDATION:

A RESOLUTION TO WAIVE COMPETITIVE BIDDING AND AUTHORIZE A DESIGN-BUILD CONTRACT WITH STRUCTURAL PRESERVATION SYSTEMS, LLC IN AN AMOUNT NOT TO EXCEED \$2,477,644.00 FOR ENGINEERING AND CONSTRUCTION SERVICES RELATED TO EMERGENCY TRENCHLESS REPAIR OF A 48-INCH DIAMETER SANITARY SEWER UNDER INTERSTATE 49, AND TO APPROVE A PROJECT CONTINGENCY IN THE AMOUNT OF \$375,000.00

BACKGROUND:

In 2021 City Water/Sewer Staff performed an inspection of the 48-inch gravity sewer line that extends from Gregg Avenue to Sunshine Road. Visual inspections of each manhole were conducted, and a 'boat' was constructed to float down each line segment and record video. Overall, the line was in excellent shape, however, one area in the vicinity of Interstate-49 has experienced damage at some point during its 15-years of service. This segment of line cannot be repaired with typical excavation techniques due to its location under the Southbound Highway-112 Exit Ramp on I-49.

DISCUSSION:

Staff has worked with Structural Preservation Systems, LLC, a national leader in trenchless pipe point repairs, to develop a plan for repairs in this location. Due to the specialized nature of this repair technique, Staff recommends a bid-waiver to allow Structural Technologies to perform Investigation-Design-Build services for this expedited repair project. The costs for bypass pumping of sewer, mobilization, rescue standby, pipe shoring, inspection, design, and installation of pipe repair materials is \$2,477,644.00. If significant groundwater is encountered, the project contingency will be utilized as needed to mitigate and create a workable environment. A contingency in the amount of \$375,000.00 is also recommended.

BUDGET/STAFF IMPACT:

Funds are available in the Sanitary Sewer Rehab account within the Water & Sewer fund.

Staff recommends approval of a resolution to waive competitive bidding and approve a Design-Build contract with Structural Preservation Systems, LLC for engineering and construction services related to emergency trenchless repair of a 48-inch diameter sanitary sewer under Interstate 49 in an amount not to exceed

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\$2,477,644.00 and to approve a project contingency of \$375,000.00.

ATTACHMENTS: Structural Preservation Systems SRF, Fayetteville Contract signed SPS only, RES BID
WAIVER-STRUCTURAL PRESERVATION SYSTEMS - SEWER UNDER I49 - CONTINGENCY