

Regular City Council Meeting

STAFF REPORT



SUBJECT: FY 2022-2023 Sanitary Sewer Basin 4N Evaluation Survey
Professional Services Agreement

MEETING: Regular Business Council Meeting - 07 Feb 2023

DEPARTMENT: Public Works

STAFF CONTACT: Nick Williams

RECOMMENDATION:

Staff recommends approval of the proposed professional services agreement with Pipeline Analysis, LLC. to perform an Evaluation of Sanitary Sewer Basin Four - North as allocated in the FY 22-23 budget.

BACKGROUND:

The City of Stephenville entered into a Sanitary Sewer Overflow Agreement with the Texas Commission on Environmental Quality in 2009. Terms of participation require the city to conduct an evaluation of the sanitary sewer collection system. In exchange for participation, the TCEQ withholds formal enforcement of penalties associated with Notices of Violation.

The TCEQ defines a sanitary sewer overflow as “an unauthorized discharge of untreated wastewater from a collection system or its components (e.g., manhole, lift station, or cleanout) prior to reaching a treatment facility.” Overflows normally occur due to structural blockages such as debris, offset joints or partially collapsed lines. Maintenance-related issues such as root intrusion, sedimentation, and grease build-up are also significant contributors to overflow events.

Nine of the ten collection system basins identified have been previously evaluated. Pipeline Analysis has performed the previous evaluations of the sanitary sewer collection system with consistency in data collection and reporting.

PROPOSAL:

Attached is a proposal from Pipeline Analysis, LLC., a firm specializing in wastewater collection systems, to provide a Sanitary Sewer Evaluation Survey of collection Basin Four - North. This is phase 1 of 2 whereby Basin Four – South will be the final basin to be evaluated as required by the state. The work will include dye testing, closed-circuit televising, and manhole inspections to identify areas of deficiency within the basin, including undersized lines, failing infrastructure and potential and existing, partial line blockages as well as provide an analysis of inflow and infiltration.

The results and recommendations will be summarized to provide a listing of problematic areas. The cataloged results will be used to further identify and prioritize routine repairs and capital improvement plans within the basin.

The proposal sets a 120-calendar day agreement duration and, under Section 3.2, provides a liquidated damages clause to address and encourage adherence to the allotted time schedule.

FISCAL IMPACT SUMMARY:

The FY 22-23 adopted budget allocated \$56,725.00 to complete a sanitary sewer evaluation survey for Sewer Basin 4-N. The agreement proposes to complete the project for \$56,721.30; under budget by \$3.70.

A moderate amount of staff time will be required to administer the agreement and coordinate the work.

ALTERNATIVES:

The following alternatives are provided for council consideration:

1. Do not approve the proposal as presented;
2. Recommend an alternate firm.

ADVANTAGES:

Approval of the agreement satisfies state evaluation criteria and provides for the budgeted work to be completed under budget.

DISADVANTAGES:

There are no disadvantages identified with approval of the agreement.

ATTACHMENTS:

[Basin 04-North – Proposed Agreement](#)