



City of Killeen

Legislation Details (With Text)

File #:	RS-23-049	Version:	1	Name:	LOA Pipeline Analysis/Wastewater Flow Monitoring Study
Type:	Resolution	Status:	Passed		
File created:	2/13/2023	In control:	City Council		
On agenda:	3/14/2023	Final action:	3/14/2023		
Title:	Consider a memorandum/resolution to authorize a Letter of Agreement with Pipeline Analysis, LLC for Wastewater Flow Monitoring Study in an amount of \$352,598.				
Sponsors:	Water & Sewer				
Indexes:	Wastewater Flow Monitoring Study				
Code sections:					
Attachments:	1. Agreement, 2. Certificate of Interested Parties, 3. Presentation				

Date	Ver.	Action By	Action	Result
3/14/2023	1	City Council	Approved	Pass
3/7/2023	1	City Council Workshop		

Consider a memorandum/resolution to authorize a Letter of Agreement with Pipeline Analysis, LLC for Wastewater Flow Monitoring Study in an amount of \$352,598.

DATE: March 7, 2023

TO: Kent Cagle, City Manager

FROM: Jeffery Reynolds, Executive Director of Public Works

SUBJECT: Authorize the execution of a Letter of Agreement with Pipeline Analysis, LLC for a Wastewater Flow Monitoring Study

BACKGROUND AND FINDINGS:

In 2009, Pipeline Analysis completed the last citywide wastewater flow monitoring study. This study became the foundation of a ten-year sanitary sewer overflow initiative (SSOI) agreement with the Texas Commission on Environmental Quality (TCEQ) to find and fix infrastructure deficiencies throughout the wastewater system. Killeen's SSOI included the rehabilitation of 2,281 manholes and 91,400 linear feet of wastewater mains, resulting in a sanitary sewer overflow reduction from 95 in 2010 to 8 in 2022.

With Killeen's SSOI agreement with TCEQ complete, city staff recommends continuing the success of the initial SSOI by developing a new program to find and fix wastewater collection system deficiencies. This new series of wastewater rehabilitation projects, which is part of the 2019 Water and Wastewater Masterplan (Project 9S), and was approved in the FY 2023 CIP budget, will begin with a citywide wastewater flow monitoring study. This study will give staff a complete dry and wet weather flow assessment of the wastewater collection system. The flow assessment will prioritize the city's 26 wastewater basins for future evaluation and

rehabilitation.

Pipeline Analysis has submitted a professional services agreement that includes temporary wastewater flow monitoring at 26 sites, temporary rainfall monitoring at 8 sites, analysis of systemwide infiltration/inflow, comparison with previous flow monitoring study, and determination of pipeline capacity at each metering site.

THE ALTERNATIVES CONSIDERED:

- (1) Do not approve the letter of agreement with Pipeline Analysis which will delay future evaluation and rehabilitation of the wastewater collection system.
- (2) Approve the letter of agreement with Pipeline Analysis in an amount of \$352,598.

Which alternative is recommended? Why?

Staff recommends Alternative (2), approval of the proposed letter of agreement with Pipeline Analysis due to their exceptional service throughout the city's previous SSOI program. Staff believes that Pipeline Analysis has submitted a fair and reasonable proposal for their flow monitoring study which will become the foundation of future wastewater evaluation and rehabilitation projects.

CONFORMITY TO CITY POLICY:

This item conforms to state and local policies. Texas Government Code, Chapter 2254, states that contracts for the procurement of defined professional services may not be awarded on the basis of competitive bids. Instead, they must be awarded on the basis of demonstrated competence and qualifications.

FINANCIAL IMPACT:

What is the amount of the expenditure in the current fiscal year? For future years?

The expenditure is in the amount of \$352,598.

Is this a one-time or recurring expenditure?

One-time

Is this expenditure budgeted?

Yes, funds are available in the Water & Sewer CIP Fund account 387-8934-493.69-01.

If not, where will the money come from?

N/A

Is there a sufficient amount in the budgeted line-item for this expenditure?

Yes

RECOMMENDATION:

City Council authorize the City Manager, or designee, to execute a Letter of Agreement with Pipeline Analysis, LLC for a Wastewater Flow Monitoring Study in the amount of \$352,598 and authorize the City Manager, or

designee, to execute any and all change orders within the amounts set by state and local law.

DEPARTMENTAL CLEARANCES:

Public Works

Finance

Legal

ATTACHED SUPPORTING DOCUMENTS:

Agreement

Certificate of Interested Parties