



MEETING OF AUGUST 1, 2023

TO: Mayor Jordan and City Council
THRU: Susan Norton, Chief of Staff
FROM: Tim Nyander, Utilities Director
DATE:
SUBJECT: E Source Companies, LLC - Water Loss Investigation Services

RECOMMENDATION:

Staff recommends approval of an engineering services agreement with E Source Companies, LLC in an amount not to exceed \$95,000.00 for Water Loss Investigation Services, and approval of a project contingency in the amount of \$10,000.00.

BACKGROUND:

The City conducted an AWWA-M36 Water Audit in 2018 through consulting engineer Black & Veatch. One of the recommendations from this audit was to perform further analysis of data handling and billing. Specifically, a forensic analysis of billing system data involving a complete download of our database looking for anomalies, trends, or errors.

DISCUSSION:

This type of water loss is classified as “apparent loss” since it is not related to physical water being leaked. E Source Companies, LLC specializes in assisting water utilities track down apparent water losses. These errors may be associated with a variety of processes that support the billing system and the billing process. Further investigation will also be performed focusing on identifying Customer Metering Inaccuracies, Unauthorized Consumption, and source meter accuracy from Beaver Water District. The City has exhausted in-house abilities to assess these matters and looks forward to working with E Source to take a deeper look into water losses. E Source has helped several other local Arkansas utilities with similar needs, generating good reviews of their service. E Source was selected for these services through the City’s engineering selection committee process on March 30, 2023 (RFQ 23-01, Selection #4).

BUDGET/STAFF IMPACT:

Funds are available in the Water System Rehabilitation/Replacement account within the Water & Sewer fund.

ATTACHMENTS: SRF E Source Companies, LLC, E Source Companies, LLC

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