



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: July 17, 2023

Re: Authorizing an agreement with Mission Communications, LLC for sewer pump station monitoring software.

## Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Mission Communications, LLC for sewer pump station monitoring software and support.

## Discussion

With the FY 2023 budget, the Sewer Utility was authorized to replace the monitoring alarm systems in twenty six (26) sewer pump stations. The monitoring system provides alarms and information about operational aspects of each pump station. Of primary importance is the alarm system to notify staff of a malfunction or high wet well at the pump station in order to prevent or manage a sewer overflow. The new monitoring system will include software that has the ability to more comprehensively monitor the pump stations for not only alarm situations but a variety of maintenance and operational information. This monitoring system will include online internet access to monitoring information for each pump station. This monitoring system will not replace the physical check that occurs every work day for each pump station by a maintenance staff member. Rather, it will assist staff in more efficiently using their time to check or maintain those pump stations and identify potential issues from the office.

Through a competitive bid process, Jeffries Electrical Services, Inc., was selected as the successful bidder for the system replacement. Their bid includes installation of the Mission Communications, LLC monitoring system. The software is integral to the Mission Communications, LLC pump station monitoring system and includes a customer service agreement and terms of use that have been amended by our Law Department. Total installation and service costs for the first year are \$112,581. The recurring yearly cost for service with Mission Communications, LLC will be at least \$9,905. Yearly costs may increase as defined in the agreement. If additional pump stations are added to the system in the future it will increase the yearly cost.

## Fiscal Impact

Short-Term Impact: \$112,581.00

Long-Term Impact: \$9,905 minimum annually plus possible annual increases as defined in the agreement



Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Environmental Management, Tertiary Impact: Not Applicable

Legislative History

Date	Action
None	None

Suggested Council Action

Approval of the resolution.