



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: October 3, 2022

Re: Authorizing an agreement for professional engineering services with Olsson Incorporated to provide Sanitary Sewer Collection System Model Review and Refinement for the Sewer Utility.

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Olsson Incorporated in an amount not to exceed \$63,477.60 to provide professional engineering services related to sanitary collection system model review, refinement and dry weather calibration, as well as, development of a flow and rainfall monitoring plan.

Discussion

The Columbia Wastewater and Stormwater Integrated Management Plan (IMP), dated September 28, 2018, was adopted by City Council on December 3, 2018, and acknowledged by the Missouri Department of Natural Resources (MDNR) on March 21, 2019. The IMP outlines anticipated schedules for following long-range management actions and investments with regard to wastewater treatment improvements, wastewater collection system capacity, renewal and maintenance, and storm water management. The wet weather planning goal in the 5-year action plan is to develop a collection system model and evaluate system capacity enhancements. In order to support this goal, the base data for a sanitary sewer collection system hydraulic model was developed by internal staff and a third party consultant.

Staff requested a proposal from Olsson Inc. to provide professional engineering services for the next step in development of the collection system model. Per the Scope of Services, Olsson Inc. will review, refine and provide dry weather calibration of the hydraulic model and develop recommendations for further development for the hydraulic model. Additionally, Olsson Inc. will develop a flow and rainfall monitoring plan to specify the number and location of flow metering sites and rainfall gauging sites, as shown in the Scope of Services. The proposed budget for this agreement with Olsson Inc. is not to exceed \$63,477.60 and will be paid for with Sewer Utility Funds.

Fiscal Impact

Short-Term Impact: The proposed agreement is not to exceed \$63,477.60.

Long-Term Impact: There is no long term impact associated with the services provided.



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Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Social Equity, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Land Use & Growth Management, Tertiary Impact: Environmental Management

Legislative History

Date	Action
02/01/2021	REP12-21 Wastewater and Stormwater Integrated Management Plan 5-Year Action Plan Annual Summary.
12/03/2018	R198-18 Adopting the Columbia Wastewater and Stormwater Integrated Management Plan Final Report
12/03/2018	PH47-18 Consider adoption of the Columbia Wastewater and Stormwater Integrated Management Plan Final Report
11/05/2018	R166-18 Setting a Public Hearing: consider adoption of Columbia Wastewater and Stormwater Integrated Management Plan Final Report
08/07/2017	TMP-5384 City Council Work Session Wastewater/Stormwater Integrated Management Plan Update Presentation
12/19/2016	B331-16 Authorizing a memorandum of understanding with the Missouri Department of Natural Resources relating to the development of an integrated management plan for City of Columbia wastewater and stormwater systems; authorizing approval of an Abatement Order on Consent with the Missouri Department of Natural Resources.

Suggested Council Action

Approve resolution authorizing the City Manager to execute this agreement.