



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: March 15, 2021

Re: Engineering Services Agreement with KLM Engineering for Water Storage Facilities Assessment.

## Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with KLM Engineering, Inc. for a not to exceed amount of \$217,000 to provide engineering services related to the assessment of the City's elevated water storage and ground storage facilities. KLM Engineering was selected for this project in accordance with the City's professional engineering services procurement guidelines.

## Discussion

Columbia Water & Light's water distribution system has four elevated water storage tanks, one prestressed concrete storage tank, and four concrete ground storage reservoirs. These facilities require regular inspection and maintenance to ensure they are operating as intended and to minimize their lifecycle cost of operation and ownership. Two additional concrete reservoirs at the Municipal Power Plant will also be inspected as part of this contract. The not to exceed fees for this project are \$217,000.

Utility Service Group, now Suez Advanced Solutions, held a prior contract with the Water and Light Department for the assessment and maintenance of water storage facilities until 2012. There has been no facility inspection and maintenance contract in place since this contract expired in 2012, however, facility inspections were conducted in 2015.

Staff advertised a request for qualifications for an independent assessment of the water storage facilities in RFQ 18-2020. In accordance with City procurement guidelines, a selection committee interviewed three firms and selected KLM Engineering to negotiate the scope and fees for this assessment. Each facility will undergo a complete wash down and an internal and external inspection. An engineering report will be produced by the firm detailing any found deficiencies, identifying needed improvements, and providing probable cost estimates for the recommended improvements. These engineering reports will be utilized to provide a comprehensive plan for the future renewal and maintenance of the water storage facilities. The comprehensive plan will be structured to provide guidance for planning and budgeting maintenance activities and capital projects that will keep assets operating as intended and to minimize their lifecycle cost of operation and ownership.



## Fiscal Impact

Short-Term Impact: The engineering contract is for a not to exceed amount of \$217,000 and will be paid from Project W0282 of the Capital Improvement Program.

Long-Term Impact: Future capital projects and any necessary adjustments to O&M budgets will be identified for appropriations based on the findings of this assessment.

## Strategic & Comprehensive Plan Impact

### [Strategic Plan Impacts:](#)

Primary Impact: Infrastructure, Secondary Impact: Operational Excellence, Tertiary Impact: Not Applicable

### [Comprehensive Plan Impacts:](#)

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

## Legislative History

Date	Action
None	

## Suggested Council Action

Approve the resolution.