



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: February 19, 2024

Re: Authorizing a software license agreement with DNV GL USA, Inc. for the Cascade electric substation maintenance software.

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute a software license agreement with DNV GL USA, Inc. for the Cascade electric substation maintenance software.

Discussion

The City owns and operates an electric transmission system that includes eight substations. Several of these substations are regulated by the National Electric Reliability Corporation (NERC) and maintenance is required to be tracked by NERC. The Cascades substation maintenance software tracks and schedules all equipment maintenance and issues work orders for maintenance and repair. This ensures the City is able to document regulatory compliance for substation maintenance. Staff recommends executing a 5-year agreement with the vendor to ensure appropriate and continuous updates and support of the software. The cost for fiscal year 2024 is \$15,978.22. Small percentage increases are anticipated with each of the next four years. This resolution authorizes this yearly purchase for the next five years.

Fiscal Impact

Short-Term Impact: \$15,978.22 total FY2024

Long-Term Impact: Approximately \$73,000 over the next four years.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Reliable and Sustainable Infrastructure, Secondary Impact: Organizational Excellence, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
11/15/2021	B362-21. Authorizing an agreed amendment to the master terms and conditions and end user license agreement with Doble Engineering Company for the purchase of software for equipment testing at the City's



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02/01/2016	<p>electrical substation to meet operational, safety and regulatory requirements. https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=5199156&GUID=AAC24C7C-1403-4E54-B49D-8CE7A08BCC83&Options=ID Text &Search=substation+software</p> <p>B17-16. Authorizing a software license agreement and software support contract for basic software service with KEMA, Inc., d/b/a DNV GL Software, for tracking Bulk Electric System (BES) substation asset maintenance in compliance with NERC standards; appropriating funds. https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=2550840&GUID=93BD0027-9CFE-4742-BE62-9A3FBCF60454&Options=ID Text &Search=substation+software</p>
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Suggested Council Action

Approve the resolution.