



# 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: May 19, 2025

Re: Authorizing an Agreement for Professional Engineering Services with Black and Veatch Corporation to prepare revised estimates for the construction of a 161 kV transmission line from the Grindstone Substation to the Perche Creek Substation.

## Executive Summary

Staff has prepared a resolution authorizing the City Manager to execute a professional engineering services agreement with Black and Veatch Corporation to prepare revised estimates for the construction of 161 kV transmission line from the Grindstone Substation to the Perche Creek Substation. The agreement for these services is for a not to exceed amount of \$133,650 and will be paid from Electric Utility Bond funds.

## Discussion

This study will prepare revised cost estimates for the construction a 161 kV overhead transmission line connecting the Grindstone Substation to the Perche Creek Substation. This work will evaluate two previously considered transmission line alignments. Option 1 will prepare Class II cost estimate for the reconstruction of the existing 69 kV transmission line from the Grindstone Substation to the Perche Creek Substation to a double circuit 161/69 kV transmission line. Option 2 will prepare Class II cost estimate for the construction of a new overhead transmission line following a new alignment along Grindstone Parkway, Nifong Boulevard, Vawter School Road, and Scott Boulevard. Class IV estimates will also be prepared for the construction of 161 kV underground transmission lines along these identified alignments.

These transmission line alignments have been previously studied and cost estimates were prepared, but recent market volatility and inflation has rendered previously prepared cost estimates obsolete. The not to exceed cost for this work is \$133,650 and will be paid from funds Electric Utility bond funds.

## Fiscal Impact

Short-Term Impact: Agreement is not to exceed \$133,650

Long-Term Impact: None

## Strategic & Comprehensive Plan Impact

### Strategic Plan Impacts:

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



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## [Comprehensive Plan Impacts:](#)

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

### Legislative History

Date	Action
01/19/2016	PH3-16: Reconsider the construction of a 161 kV transmission line to the Perche Creek Substation and system transmission improvements.
09/02/2014	R163-14: Authorizing an agreement for professional engineering services with SEGA, Inc. for design and survey services relating to the Mill Creek 161 kV transmission line project.
07/15/2013	R122-13: Route selection for the 161 kV transmission line to the Perche Creek Substation and system transmission improvements.

### Suggested Council Action

Approve the resolution.