



Department Source: City Utilities - Water and Light

To: City Council

From: City Manager & Staff

Council Meeting Date: September 5, 2017

Re: Engineering Services Agreement for Option "E" 161 kV Transmission Route Evaluation

Executive Summary

Staff has prepared for Council consideration an ordinance authorizing the City Manager to execute an agreement with Burns and McDonnell of Kansas City, Missouri in the amount of \$91,515.00 for professional engineering services related to the proposed Option "E" 161 kV Transmission Route Evaluation.

Discussion

In May of 2017, a study was submitted by Ameren Services Company that evaluated the feasibility of utilizing the Ameren-owned McCredie-Overton 345 kV transmission line corridor with respect to adding a parallel 161 kV transmission line owned by the City of Columbia. Option "E" is an alternative electrical transmission route to provide a second 161 kV source to the Perche Creek substation. Burns and McDonnell has been selected to conduct an engineering study to evaluate feasibility of the proposed Option "E", determine potential impacts to the existing parallel 345-kV circuit, and to develop cost and acreage impacts of the proposed route.

The Proposed scope of services, as defined in attachment "A" of the agreement, will include the following deliverables:

- Route Evaluation Report
- Cost Estimates
- Council/Board Presentations

The proposed contract with Burns and McDonnell is not to exceed \$95,515.00 for engineering services on the proposed Option "E" 161 kV Transmission Route Evaluation. Funding for this project is to come from a voter approved bond issue and has been appropriated in Capital Improvement Project No. E0148.

Fiscal Impact

Short-Term Impact: The engineering contract is not to exceed \$95,515 and will be funded from Capital Project No. E0148.

Long-Term Impact: None



Strategic & Comprehensive Plan Impacts

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
None	None

Suggested Council Action

Staff recommends Council adopt an ordinance authorizing the City Manager to execute an agreement with Burns and McDonnell of Kansas City, Missouri in the amount of \$91,515.00 for professional engineering services related to the proposed Option "E" 161 kV Transmission Route Evaluation.