

ADDITIONAL AUTHORIZATION REQUEST

Change Order 1

IPL SUBSTATION S – BMCD PROJECT 148038 – PO 23000632 – APRIL 19, 2023

Additional Scope

This document details the additional engineering design that will be completed as a part of the IPL Substation S Feasibility Study under PO 23000632. The substation site preferred location was altered at the request of the developer (NorthPoint Development), which will alter the substation layout and transmission line routing. These items were either added to the project scope by IPL request or were not able to be reasonably anticipated at the time the initial proposal was submitted. Additional details of this change order are indicated below.

Estimated Hours & Compensation

The estimated hours and compensation breakdown that are required to complete the scope as described are as follows:

Original Authorization	Compensation
Substation & Transmission Line Layout & Routing	\$98,826
Environmental Desktop Review	\$11,511
Phase I ESA	<u>\$9,764</u>
Total	\$120,101
Change Order 1	Compensation
Additional Design – Substation & Transmission Line Layout & Routing	\$39,633
CHANGE ORDER 1 TOTAL	\$39,633
Total Project	Compensation
Substation & Transmission Line Layout & Routing	\$138,459
Environmental Desktop Review	\$11,511
Phase I ESA	<u>\$9,764</u>
Total	\$159,734

Burns & McDonnell proposes to complete these services on a time and material basis in accordance with rate sheet BMR23-9.

Schedule

Below is a list of IPL impacted tasks for the project along with the new anticipated completion dates.

Milestone Task	Anticipated Completion
New Substation & Transmission Line Layout & Routing Issued for Review	05/19/2023
IPL to Provide Comments on the New Substation & Transmission Line Layout	06/02/2023
Environmental Desktop Review/Phase I ESA notice to Proceed	06/05/2023
Feasibility Report Issued Final	06/30/2023



R. Jason MacLeod, PE
Project Execution Director
Transmission & Distribution Group



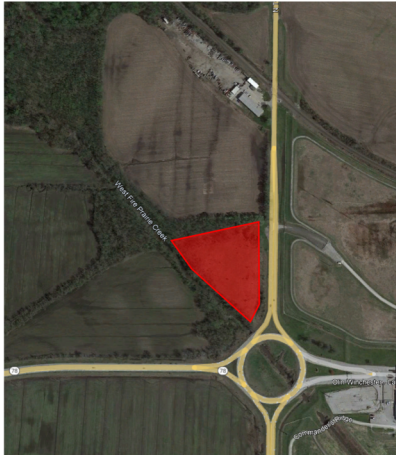
Chase Schaben, PE
Project Lead
Transmission & Distribution Group

Design Task Changes

1. New Substation Site Location

○ Substation Additional Scope

- Burns & McDonnell to evaluate the plot of indicated in red in the image below. This area's location is at 39° 6'22.22"N, 94°16'57.16"W



- Burns & McDonnell to provide one (1) substation layout containing the same equipment laid out in the original “ IPL NorthPoint 161kV Feasibility Proposal” dated 10/31/2022.
 - The substation site is smaller in area than the original proposed location. Burns & McDonnell will evaluate whether the substation will fit inside of the proposed location and take into account the following:
 - Independence, MO setback requirements
 - T-Line routing area needed
 - Drive Path
 - Turn radius for transformer delivery
 - Entrance drive location
- Bi-Weekly meetings with IPL between 4/30/2023 and 6/30/2023
- Contact with local jurisdiction for setback and entrance drive requirements

2. New Transmission Line Routing

○ Transmission Line Additional Scope

- Burns & McDonnell to provide two (2) preliminary alignments for the new single circuit 69kV and double circuit 161kV cut-ins to the new proposed substation site.
 - Burns & McDonnell will evaluate the routes and take into account the following:
 - New development building locations
 - Spotting constraints, including Right of Way boundaries

Clarifications/Assumptions

The following list of items are clarifications and/or assumptions that are necessary to make at the time of this estimate. Any changes to this project approach or increases in scope may require an additional authorization:

1. Burns & McDonnell is not evaluating flood plain mitigation or subsurface geotechnical conditions for this site. If compensatory cut is required due to flood plain alterations, the developer (NorthPoint Development) will need to provide details for mitigation.