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tothassociates.com  
417.888.0645

February 17, 2022

Mr. Mitch Krysa  
Independence Power and Light  
17221 E. 23rd St. South  
Independence, MO 64051

Re: IPL Substation K, Engineering Services Proposal: Switchgear and Project Extension

Dear Mitch,

Toth has prepared a schedule of costs for additional engineering services at IPL's Substation K. Time billed to IPL will be on a fixed fee basis. A breakout of additional services and total cost are provided on the following page to define the scope of work included in this proposal.

Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Joe Tierney', written in a cursive style.

Joe Tierney, PE  
Vice President



### **Substation K Scope of Work for Additional Services**

The following items are additional scope of services that IPL has requested/Toth has offered for Substation K design:

1. Additional drawings for switchgear manufacturer. Production of 17 drawings including equipment layout, cubicle layout, and cubicle bill of materials to guide switchgear manufacturer beyond the one-line diagram that was included in the original proposal. Additional drawings are required to illustrate required component locations, spacings and clearances to meet safety and electrical codes, arrangement, and overall structural dimensions to support procurement services and construction to ensure a successful installation that meets IPL's needs for Substation K. \$9,800.00
2. Additional review services of switchgear manufacturer's drawings and calculations due to the unusually high number of revisions from manufacturer and their need for Toth to provide ample feedback to align switchgear drawings to specifications. Toth included one full-effort review for general conformance to specifications in their proposal; however, the actual drawing review required nine small to medium-effort reviews due to the poor quality and content of the drawings, far exceeding a typical review effort. The incomplete nature of the drawings and iterative process of reviewing incomplete drawings, receiving updates, and providing additional comments made estimation of this effort impossible at the time of review. \$36,800.00
3. Project extension and progress meetings throughout the end of construction (May 2022). This item addresses engineering support to IPL during the construction and closeout phases of the project that is necessary to complete the project. \$23,976.00

The fixed-fee cost for the above services is \$70,576.00.

**Unit Fee Schedule**

**1a. Base Hourly Rates**

The following "Base" hourly charges will be applicable for services provided:

Billing Level	01.01.2021 Base Hourly Rate
Clerical-Aide	\$66.68
Clerical-1	\$75.02
Clerical-2	\$81.52
Technician-Aide	\$88.40
Technician-1	\$103.73
Technician-2	\$128.19
Technician-3	\$159.43
CAD-1	\$75.31
CAD-2	\$95.35
CAD-3	\$115.19
Line Staker-Assistant	\$75.02
Line Staker-1	\$132.63
Line Staker-2	\$154.81
Line Staker-3	\$184.06
ROW Specialist-1	\$142.29
ROW Specialist-2	\$159.43
ROW Administrator	\$176.22
Survey Tech	\$112.03
Surveyor PLS	\$151.17
Construction Review-1	\$155.00
Construction Review-2	\$176.22
Construction Review-3	\$202.50
Rate Analyst-1	\$174.86
Rate Analyst-2	\$202.75
Project Manager	\$176.22
Engineer-1	\$129.95
Engineer-2	\$156.84
Engineer-3	\$186.91
Engineer PE-1	\$159.08
Engineer PE-2	\$183.73
Engineer PE-3	\$208.38
Engineer Principal	\$226.13

**1b. Expenses**

- MILEAGE and LODGING\* - will be charged at the allowable rate as established by IRS.
  - MEALS\* - current TA allowance to include 3 meals: \$31.00
- \* Daily expenses for salaried employees may be billed at direct cost for lodging and meals.

**Unit Fees - Supplemental Items**

**2. Total Billing**

Total Billing will be equal to the following:

Base Hourly rate for Normal working Hours X Hours directly worked

+ Overtime rate of 1.5 X Base Hourly Rate X Overtime Hours

+ Directly Attributed Expenses

Bills are due and payable within 10 days after receipt of statement unless otherwise so provided. A fee of .67% per month shall be charged for unpaid bills beginning 15 days from receipt of statement by client.

**3. Overtime Work**

Overtime rates will apply to hours worked beyond the normal 8-hour day or 40-hour week as well as to work performed during holidays. Overtime rates will only be charged when the client has approved overtime work.

**4. Directly Attributed Expenses**

"Directly Attributed Expenses" (DAE) will include items such as outside printing directly required for the job. A 10% adder will be permitted on Directly Attributed Expenses.

**5. Subcontracted Services**

When supplemental labor (labor that is subcontracted for) is utilized, the above listed base rates will apply to time worked by the supplemental employees.

**6. Other**

The appropriate personnel at the appropriate skill level will be utilized.

Only hours directly attributable to the job will be charged to the job.

The Engineer reserves the right to adjust the Unit Fee Schedule and charges from time to time to compensate for increases in costs.