Development and Large Commercial Load Budgetary Estimate

Date: 08-252-2022

Project/Customer Name: CITY OF STEPEHNVILLE 67 WELL FIELD Project Location: HWY 67

Developer/Owner: CITY OF STEPHENVILLE Contact: NICK WILLIAMS

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Engineering Firm/Contractor: PROVENANCE ENGINEERING Contact: KORI THOMPSON

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United Cooperative Services (United) thanks you for the opportunity to be your electric service provider. The following cost of construction estimates and timelines are based on the information that has been provided concerning the proposed development or large commercial load stated above.

"This is an estimate limited by current assumptions, based upon United's standard construction practices; and is subject to change with any deviation in assumptions and the development of detailed specifications and designs. Any cost invoiced will be based on actual field design and United's construction practices."

In order to clarify the purpose for providing this estimate for contribution in aid to construction (CIAC), United wants all parties to understand that this is a budgetary estimate only and that the cost presented herein are contingent upon multiple factors that must occur and that some of those could change or be altered along the way. Any and all of those changes/alterations will or could affect the cost, some dramatically, of providing electric service to this facility. Aside from fluctuating material and labor costs, there are other factors affecting the cost of this project as well; including, but not limited to: member design parameters, obtaining required easements, obtaining any required permits (ie: railroad, county, state).

This estimate was produced from a design plan provided to United and does not reflect any actual measurements taken in the field since there are no actual facilities located or marked at the property. The actual cost can only be produced and provided once the final design has been approved, United field engineering personnel has been able to set stakes at the site and all of the other requirements listed above have been met and agreed upon.

As the project progresses from the concept design phase into a definitive plan and a request by the member for construction has been made, there will also be an Electric Service agreement that will be required by United from the member. It is at this time that a final cost estimate and invoice will be established. Upon receipt of payment of United's invoice for CIAC, United will finalize the design work in the field and release the project for construction. If, prior to actual construction being initiated, either party determines that the route chosen for this estimate is not plausible, another route will be designated and a new design and cost estimate will be provided. In the event that the Member or Developer has been provided with a previously and mutually agreed to project design and budgetary cost estimate, and the Cooperative is then requested to provide additional or major revisions to the project design; at the Cooperative's sole discretion, the Member or Developer may be charged up to a $2,000 re-design fee that must be paid prior to additional designs and budgetary estimates being provided.

Load Sheet Received and Attached	☐ Yes	☐ No
Sketch Received and Attached	☑ Yes	☐ No
Plat Received and Attached	☑ Yes	☐ No
Estimated Bills Provided and Attached	☐ Yes	☐ No

This estimate is based on the following:

☐ **Residential Development:**

Proposed development includes _____ residential lots; approximately _____ acres each

Homes to be _____ to _____ square feet; and are ☐ all electric or ☐ gas

☑ **Large Commercial/Industrial Load:**

Proposed load is 5 50HP WEL total connected horsepower; or

A total connected load of 500 amps at 480 volts, ☐ single phase or ☑ three phase

Proposed Service Entrance Size 5, 200 AM amps

Estimated total connected kW load based on the above information: _____

With an estimated run time of 24 hours a day; 7 days per week

In order to serve the load/development detailed above, the following electrical transmission and distribution facilities will be required (with associated estimated total costs and timeframes involved for construction):

☐ **Transmission/Substation**
N/A

☐ **Offsite Distribution**

☑ **Onsite Distribution**
Building aproximitely 7000' of 3 phase overhead line

☐ **Special Equipment/Transformers**
15 tranformers included in the estimate

☑ **Budgetary Cost Estimate:**

Transmission/Substation Total Cost =		0.00
Less TCOS (if Applicable) =		0.00
Offsite Distribution Cost =	N/A	
Onsite Distribution Cost =	154737.39	
Special Equipment/Transformer Cost =	16660.00	
Total Distribution Cost =		171397.39
Less United Participation (if Applicable) =		
Total Contribution in Aid of Construction =		171397.39

☑ **Estimated Timeline for Construction:**

As with the budgetary costs provided above, these timeframes are estimated and are limited by current assumptions, based upon United's standard construction practices; and they are subject to change with any deviation in assumptions and can also be greatly affected by adverse weather and/or other Acts of God. The timeframes begin upon receipt of any Contribution in Aid of Construction that may be due, as well as any easements that may be required from the Member and a properly executed Electric Service Agreement.

Note – These timeframes may run concurrently:

Transmission/Substation	N/A Weeks
Offsite Distribution	N/A Weeks
Onsite Distribution and Special Equipment	10 Weeks
Total Estimated Time for Construction	10 Weeks

☐ **Billing Estimate:**

The attached billing estimate is based on ☐ Single Phase ☐ Three Phase with,

_____kWh usage monthly, and _____kW monthly maximum demand. _____kW is expected to be on peak demand.

Acknowledged Receipt by:_____

Date:_____