



January 13, 2023

Chuck Nourse, Electric Director
 City of Gallup
 230 South Second Street
 Gallup, NM 87301

Re: Noe Substation Relay and Metering Replacement Proposal – Phase 2 Design Services

Dear Mr. Nourse:

Per your request, Transmission & Distribution Services (T&D) is pleased to offer this proposal dated January 13, 2023 (Proposal) to the City of Gallup (City) related to the Noe Substation Relay and Metering Replacement project (Project). As previously discussed, this is a significant undertaking which is best suited broken into phases. Phase 1 is essentially complete and includes a preliminary (30% level) design and a bill of material. Quotes for the SEL relays to be procured by the City are underway and the engineering is at a point where it can proceed.

This Proposal is for Phase 2 of the Project and includes extending the preliminary design package to development of construction ready relay schematics, wiring diagrams, fabrication and installation details, and preparation of relay settings based on the existing protection and control settings. Continued support of the City’s procurement efforts and solicitation of proposals for a panel manufacturer in accordance with the City’s procurement requirements is included. We will outline our evaluation of the proposals received and provide a letter of recommendation of the vendor to issue a purchase order to for the fabrication scope of work.

For reference, the following table was included in the Phase 1 proposal and outlines our approach to the Project.

<u>Phase</u>	<u>Deliverable</u>
Phase 1 (Complete)	<ol style="list-style-type: none"> 1. Preliminary one-line diagram showing existing and new proposed devices 2. Preliminary cubicle elevations 3. Detailed relay and meter part number listing 4. Quotes from relay and meter vendors to facilitate the City procurement (In progress)
Phase 2 (subject of this Proposal)	<ol style="list-style-type: none"> 1. Complete design, including schematics, wiring diagrams, fabrication, and installation details; fabrication package detailing construction specification and drawings as required to facilitate installation as noted in Phase 3 of the Project 2. Panel fabrication procurement support; bid solicitation and recommendation 3. Preparation of relay settings files for all devices outlined in Phase 1

Phase 3 (future proposal to be finalized based on completion of Phase 2)	<ol style="list-style-type: none">1. Installation services to include removal of existing devices and panels/doors; installation of new panels and devices; commissioning of the equipment2. SCADA integration3. Redlines and completion of record drawings for the Project4. Project closeout
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A conceptual timeline outlining both Phase 2 and Phase 3 is attached to this Proposal. The timeline is based on receipt of a notice to proceed in January. We anticipate the necessity of scheduling the installation in late September to avoid system peak demand times. The major unknown in this schedule is the length of time required for panel fabrication. We typically do not see lead times longer than 12-16 weeks. Using that estimate of fabrication time, design and procurement processes need to move forward over the next couple of months to maintain the late September installation goal.

T&D proposes a design fee of \$59,200 plus NMGRS for the Project’s Phase 2 scope of work. For planning purposes, a preliminary estimate of the engineering fee associated with Phase 3 is approximately \$60,000, however, that cost may change as fabrication and installation details are developed. This Proposal is only for the work outlined above associated with Phase 2 of the Project to develop the construction package of drawings and settings and solicitation of proposals for the panels.

We are ready to immediately continue the design effort and look forward to working with you on this Project.

If you have any questions, please do not hesitate to contact me or Aaron Chavez (kadams@t-d-services.com or achavez@t-d-services.com; 505-344-4234). Thank you for this opportunity and we look forward to extending our working relationship with the City.

Sincerely,

Kenneth Adams

Kenneth Adams
Dir. Of Station Engineering

Attachments: Noe Station Relay Replacement Conceptual Schedule

