

AGENDA

GALLUP CITY COUNCIL REGULAR MEETING TUESDAY, OCTOBER 13, 2020; 6:00 P.M.



Louie Bonaguidi, Mayor

Linda Garcia, Councilor, Dist. 1 Michael Schaaf, Councilor, Dist. 2
Yogash Kumar, Councilor, Dist. 3 Fran Palochak, Councilor, Dist. 4

Maryann Ustick, City Manager
Curtis Hayes, City Attorney

PUBLIC NOTICE: In accordance with the public health order issued by the New Mexico Department of Health, the meeting will be physically closed to the public; however, it will be accessible via the following technology service:

Facebook Live stream through the City of Gallup's Facebook Page:
<https://www.facebook.com/CityOfGallup/>

**Members of the public may submit comments on non-agenda items.
Please call 863-1254 to leave your name and a return phone number.**

A. Pledge Of Allegiance

The members of the body and the public are invited to recite the Pledge of Allegiance.

B. Roll Call

C. Approval Of Minutes

Regular Meeting of September 22, 2020

Documents:

[DRAFT MINUTES SEPT 22 2020 REG MTG.PDF](#)

D. Discussion/Action Topics

- 1. Budget Adjustment And Approval For Professional Engineering Services**
Staff has requested a proposal from the Department's contract Professional

Electrical Engineer firm, T & D Services, to accomplish a study of how to serve the Mendoza substation from Public Service of New Mexico (PNM) transmission lines, rather than Tri-State Generation and Transmission Association (T-S) transmission lines. T-S calculates their transmission wheeling rates much differently than PNM. For example, the Palo Verde nuclear plant had an increase in pricing from \$40 per megawatt to \$400 per megawatt on one hour of one day. Thus, the City's August bill from T-S was \$60,725. The July bill from T-S was \$50,105 for the same services.

The departments power scheduling consultant has advised that getting away from T-S entirely could save the City up to \$700,000 per year.

Staff is asking for a budget adjustment in the amount of \$95,000.00, which includes GRT and a small contingency of \$4,775.00, and approval of a proposal from our contract professional engineering services consultants to study a pathway to connect our Mendoza substation to the alternative PNM transmission system. The cost of this proposed study will be \$90,224.31 including GRT.

Fiscal Impact: A transfer of available funds from Account 507 Reserve Balance into Account 507-6061-442-45-30.

Recommendation: Staff recommends approval of the budget adjustment and the proposed transmission study.

Speaker's Name John Wheeler

Documents:

[CONVERSION TO PNM.PDF](#)

2. Budget Adjustment For Installation Of SCADA Equipment

Council Approved the purchase of new Supervisory Control and Data Acquisition (SCADA) equipment at your September 8th Council meeting. For the installation of that equipment, Staff recommended to the Purchasing Department, a "sole source" application for the installation of the equipment by Transmission and Distribution Services, LLC of Albuquerque. Staff wanted an engineering firm that was close to Gallup; in an emergency could be here to help troubleshoot within a matter of hours; would have first hand knowledge of the wiring schematic and equipment; and, would not require an annual maintenance contract which would only provide telephone support. That is the situation we have been suffering since an engineering firm from Georgia was selected for SCADA development several years ago.

Staff is recommending a Budget Adjustment in the Amount of \$335,000.00, which includes GRT and a small contingency of \$3,185, from the Fund Reserves in Account 507 into Project Number JU1510 in account 307-6061-442-45-30.

Staff is further recommending the approval of the Sole Source Contract for the installation of the SCADA equipment to Transmission and Distribution Services, LLC.

Fiscal Impact: See Above

Recommendation: Staff recommends approval of this budget adjustment and the sole source contract.

Speaker's Name John Wheeler

Documents:

[SCADA INSTALL PROPOSAL.PDF](#)

3. Purchase Of Steel Structures For Allison Substation

Staff requested and has acquired bids for the purchase of steel structures for the Allison substation. Only two bids were received. One from V & S Schuler and the other from Klute, Inc. Upon engineering review, the bid from V & S Schuler proved to meet all qualifications and was the low bidder in the amount of \$96,478.00. Delivery times vary from 5 to 12 weeks. Staff will add to the quoted price, GRT in the amount of \$8,020 bringing the total to \$104,498.00. Staff is recommending the award of the bid to V & S Schuler in the amount of \$104,498.00.

Fiscal Impact: There is no fiscal impact as funds are available for Project Number CI1771 in Account Number 307-6061-442-48-99.

Recommendation: Staff recommends approval of the purchase of steel structures from V & S Schuler.

Speaker's Name John Wheeler

Documents:

[SCHULER BID.PDF](#)

[KLUTE BID.PDF](#)

E. Comments By Public On Non-Agenda Items

The public is invited to comment on matters not appearing on the published meeting agenda.

F. Comments By Mayor And City Councilors

G. Comments By City Manager And City Attorney

H. Motion To Adjourn

Pursuant to the "Open Meetings Act", NMSA 1978, Section 10-15-1 through 10-15-4 of the State of New Mexico, this Agenda was posted at a place freely accessible to the public 72 hours in advance of the scheduled meeting.

Minutes of the Regular Meeting of the Gallup City Council, City of Gallup, New Mexico, held at Gallup City Hall, 110 W. Aztec Avenue, at 6:00 p.m. on Tuesday, September 22, 2020.

The meeting was called to order by Mayor Louie Bonaguidi. He provided instructions to the public viewing the meeting through Facebook Live on how to provide comment on non-agenda items later in the meeting.

Upon roll call, the following were present:

Mayor: Louie Bonaguidi

Councilors: Linda Garcia
Michael Schaaf
Yogash Kumar
Fran Palochak

Also present: Maryann Ustick, City Manager
Curtis Hayes, City Attorney

Presented to the Mayor and Councilors for their approval were the Minutes of the Regular Meeting of September 8, 2020.

Councilor Schaaf made the motion to approve the Minutes of the Regular Meeting of September 8, 2020. Seconded by Councilor Garcia. Roll call: Councilors Schaaf, Garcia, Kumar, Palochak and Mayor Bonaguidi all voted yes.

Presented to the Mayor and Councilors for their approval were the following Discussion/Action Topics:

1. Resolution No. R2020-32; Mill and Overlay 2020 Co-Op Grant Approval – Clyde (C.B.) Strain, Planning and Development Director

The New Mexico Department of Transportation (NMDOT) approved \$196,243 in Local Government Road Funds (Co-Op) to the City of Gallup. Funding is used by the Public Works/Street Department for its annual mill and overlay program. The Co-Op funding requires a 25% match from the City in the amount of \$49,061 for a total grant funding of \$196,243. Mr. Strain said grant funding will cover material costs only and a priority list, including additional costs, was sent to the Mayor and Councilors prior to the meeting.

Councilor Schaaf made the motion to approve Resolution No. R2020-32; Mill and Overlay 2020 Co-Op Grant in the amount of \$196,243, as presented. Seconded by Councilor Palochak. Roll call: Councilors Schaaf, Palochak, Garcia, Kumar and Mayor Bonaguidi all voted yes.

MINUTES

Regular City Council Meeting – 9/22/2020

Page 2

2. Resolution No. R2020-33; Senior Infrastructure Capital Improvement Plan Submission – Jon (J.M.) DeYoung, Assistant City Manager

Mr. DeYoung presented the proposed resolution for the update and submission of the Senior ICIP Plan for FY 2022-2026, as part of the submittal process, which will provide monetary support for capital expenses not currently budgeted in the Direct Service Contracts.

Councilor Palochak made the motion to approve Resolution No. R2020-33; Senior Infrastructure Capital Improvement Plan Submission. Seconded by Councilor Garcia. Roll call: Councilors Palochak, Garcia, Schaaf, Kumar and Mayor Bonaguidi all voted yes.

3. Budget Adjustment for American Flags – Jon (J.M.) DeYoung, Assistant City Manager

Mr. DeYoung presented the request to maintain the American Flag located near I-40 on the north side of the City, which was initially established by Veterans Helping Veterans. However, due to a number of factors, they can no longer assist with the purchase or placement of the flag. Each flag costs approximately \$800 and will require replacement about 5 times per year. Mr. DeYoung requested a budget adjustment of \$4,000 to the Parks and Recreation Department from the general fund cash reserves.

Councilor Palochak spoke on behalf of Veterans Helping Veterans who thanked Vince Alonzo, Parks and Recreation Director and his staff for assisting with the hanging of the flag. She also expressed her support of taking over for the Veterans and showing that Gallup is the most patriotic small town in America.

Brief discussion followed regarding whether the purchase of the flags and appreciation of the Parks Department for taking over responsibility for hanging the flag.

Councilor Palochak made the motion to approve budget adjustment in the amount of \$4,000 to Parks and Recreation Department for American Flags, as presented. Seconded by Councilor Schaaf. Roll call: Councilors Palochak, Schaaf, Garcia, Kumar and Mayor Bonaguidi all voted yes.

4. Fiscal Year 2021 Preventing Alcohol Related Deaths (PARD) Cooperative Agreement and Related Budget Adjustment for Revenue and Expenditures of the Grant – Debra Martinez, Behavioral Health Investment Zone Manager

MINUTES

Regular City Council Meeting – 9/22/2020

Page 3

Ms. Martinez presented the grant award in the amount of \$1,500,000 to fund expanded social detox, treatment, transportation as well as case management services and requested approval of the budget adjustment in addition to the contract.

Discussion followed regarding the number of years funding has been awarded to the City, the obligation to reapply annually based on funding availability and the federal fiscal year accounting period.

Councilor Kumar made the motion to approve the FY21 Preventing Alcohol Related Deaths Cooperative Agreement in the amount of \$1,500,000, as presented. Seconded by Councilor Palochak. Roll call: Councilors Kumar, Palochak, Schaaf, Garcia and Mayor Bonaguidi all voted yes.

5. Approval of Agreement with NCI for Social Detox and Expanded Shelter and Treatment Services – Debra Martinez, Behavioral Health Investment Zone Manager

Ms. Martinez presented the agreement with NCI. As part of the PARD grant, Indian Health Services has allocated \$1,220,000 for the administration of social detox and expanded shelter services, in addition to treatment services. Due to the pandemic, future adjustments will be necessary and will be brought back for Council approval within the next few months.

Councilor Palochak made the motion to approve the agreement with NCI for Social Detox and Expanded Shelter and Treatment Services in the amount of \$1,220,000. Seconded by Councilor Garcia. Roll call: Councilors Palochak, Garcia, Kumar, Schaaf and Mayor Bonaguidi all voted yes.

6. Approval of Professional Services Agreement with SBS Consulting – Debra Martinez, Behavioral Health Investment Zone Manager

Ms. Martinez presented the proposed agreement with SBS Consulting for evaluation services in compliance with the Preventing Alcohol Related Death Grant. She provided an outline of the services to be provided under the agreement.

Councilor Palochak made the motion to approve the Professional Services Agreement with SBS Consulting in the amount of \$80,000. Seconded by Councilor Kumar. Roll call: Councilors Palochak, Kumar, Schaaf, Garcia and Mayor Bonaguidi all voted yes.

7. Budget Adjustment Approval for Quarter One Items – Patty Holland, Chief Financial Officer

MINUTES

Regular City Council Meeting – 9/22/2020

Page 4

Ms. Holland requested funding approval for several items for First Quarter Fiscal Year 2021 including:

- Infrastructure tax GRT fee taken by the State of NM, annual amount \$60,000 in 311-1027-496.45-90 due to a change by DFA during last fiscal year in the City's reporting.
- Fire Department parking lot work was not complete by the end of the fiscal year and a final bill of \$27,678 needs funding in general fund 101-2541-422.48-45 for the final payment.
- Risk Management was funded in Fiscal Year 2020 for new equipment in the Event Center including a projector; however, the timing did not work out to complete it by year end. Funding in the amount of \$11,397 in 603-1016-414.48-20 is needed to fund completion of the project.
- Fire Department has received \$75,000 in reimbursement funds from the County to help fund an ambulance purchase. A budget adjustment to revenue of \$75,000 is requested for this receipt.
- Police Department body camera funding includes a transfer of funds from a restricted fund into their operational account in the amount of \$38,232 to combine all resources to compete the purchase and a budget adjustment to reflect the transfer to 211-0000-360.06-00 is necessary.

Councilor Kumar made the motion to approve Budget Adjustments for quarter one items, including three expenditure increases in the amount of \$99,075 and two revenue increases in the amount of \$107,232, as presented. Seconded by Councilor Palochak. Roll call: Councilors Kumar, Palochak, Garcia, Schaaf and Mayor Bonaguidi all voted yes.

8. Approval of Extension of Closure of Indoor Recreation Facilities and Staff Furloughs – Maryann Ustick, City Manager

Ms. Ustick provided a brief recap regarding the closure of indoor recreation facilities, including, Larry Brian Mitchell Recreation Center; Harold Runnels Athletic Complex; Gallup Aquatic Center; El Morro Theatre & Events Center; Cecil Garcia Fitness Center and Red Rock Park Convention Center & Arena, as well as the furlough of fifty-four fulltime; part-time and seasonal positions, through September 30, 2020. A list of furloughed staff is attached hereto, marked as Exhibit A and made a part of these official Minutes. In order to provide furloughed staff appropriate notice, Ms. Ustick

MINUTES

Regular City Council Meeting – 9/22/2020

Page 5

recommended the furlough of staff be extended to October 31, 2020 and recreation facilities remain closed through this period also. She said if the Governor's Public Health Order change, staff will recommend to Council the furlough be ended with proper notice to the affected staff.

Discussion followed regarding how long reopening facilities will take following the Governor's order, the suspension of recreation fees, concern for the number of employees furloughed and the seasonal positions included in the furlough amount that were never actually filled.

Councilor Palochak made the motion to approve the extension of the closure of indoor recreation facilities and staff furloughs to October 31, 2020. Seconded by Councilor Kumar. Roll call: Councilors Palochak, Kumar, Schaaf, Garcia and Mayor Bonaguidi all voted yes.

9. Appointment of a Third Member to the Labor Management Relations Board – Mayor Bonaguidi

Mayor Bonaguidi recommended the appointment of Eric Begay, who previously served on the board and expressed willingness to continue.

Councilor Kumar made the motion to approve the appointment of Eric Begay to the Labor Management Relations Board. Seconded by Councilor Schaaf. Roll call: Councilors Kumar, Schaaf, Palochak, Garcia and Mayor Bonaguidi all voted yes.

Comments by Public on Non-Agenda Items

None

Comments by Mayor and City Councilors

Councilor Palochak praised Fire Department staff for their 9/11 ceremonies, announced the receipt of CDBG funding in the amount of \$1,000,000 for the Chihuahuita and West Logan Project and thanked the Council of Governments and everyone involved.

Councilor Kumar encouraged everyone to stay safe and to continue to follow State guidelines.

Councilor Schaaf expressed appreciation for his invitation from Waste Water Department staff to their facility.

Mayor Bonaguidi commented on the 9/11 ceremonies held by Fire Department staff, commended Vince Alonzo and Parks Department staff for taking on the responsibility of

MINUTES

Regular City Council Meeting – 9/22/2020

Page 6

maintaining the American flag near Hwy 491, the receipt of CDBG funding in the entire requested amount and thanked Waste Water Department staff for their invitation.

Comments by City Manager and City Attorney

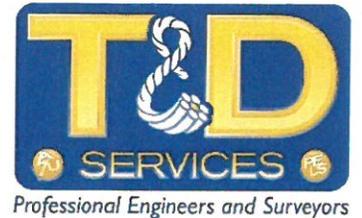
Ms. Ustick provided an update regarding the CARES Act Grant applications received thus far and encouraged business owners to apply. She also commented on the Mayor's editorial regarding National Railway Safety Week and provided an update on the Roadway Safety Audit that was conducted about a year ago to improve the safety and initiate a quiet zone near 2nd and 3rd Street.

Councilor Schaaf made the motion to adjourn the meeting. Seconded by Councilor Palochak. Roll call: Councilors Schaaf, Palochak, Kumar, Garcia and Mayor Bonaguidi all voted yes.

Louie Bonaguidi, Mayor

ATTEST:

Alicia Palacios, Deputy City Clerk



September 17, 2020

John Wheeler, Electric Director
City of Gallup
230 S. Second St.
Gallup, NM 87301

Re: 115kV Transmission Line Interconnection to PNM System

Dear Mr. Wheeler,

Transmission & Distribution Services, LLC (T&D) respectfully submits this proposal dated September 17, 2020 (Proposal) to support development of a 115kV transmission line between the City of Gallup's (City) Mendoza Substation and the Public Service Company of New Mexico's (PNM) 115kV transmission system along with interim solutions until that approach is complete.

T&D's Proposal for the Project is outlined in Attachment A. We understand the City is considering two options for the interconnection. The first option is to tie Mendoza Substation directly to PNM's 115kV transmission line near the station. The second option is to extend PNM's 115kV system from Sunshine Substation to Mendoza Substation.

If you have any questions or require clarification, please do not hesitate to contact me (505-797-2975/hbarnesjr@t-d-services.com). Thank you for this opportunity and we look forward to extending our working relationship with you and the City.

Sincerely,

A handwritten signature in blue ink, appearing to read 'H. Barnes Jr.', is written over a horizontal line.

Harry Barnes Jr.
Managing Member

Enc.

Attachment A

Project Understanding

T&D understands City is considering two options for the interconnection from Mendoza Substation to PNM's 115kV transmission system. The first option is to tie Mendoza Substation to PNM's 115kV transmission line north of Mendoza Substation. The second option is to extend PNM's 115kV system east from Sunshine Substation to Mendoza Substation.

T&D proposes the scope of work be completed in three distinct tasks. The first task identifies potential line route options for the proposed 115kV transmission line. The second task takes City's preferred transmission line path, based on internal knowledge and T&D's recommendation, and defines preliminary details to provide confirmation on the economic and technical viability of the transmission line route and the project as a whole. This second task also provides an Engineer's estimate of the total cost of the project for City's evaluation. The third task provides a review of existing station suitability for the improvements. The fourth task provides for project management and ensures regular communication between T&D and City.

Scope of Work

TASK 01 Preliminary Review

This task provides detail from a desk-top review of data and will deliver up to four options to City for routing the 115kV transmission line. Deliverables are intended to provide sufficient information for City to authorize further route development in Task 02, below.

- 1.01 Develop Suitable Land-base Maps
- 1.02 Prepare Interconnection Route Options (up to 4)
- 1.03 Evaluate Route Options for Easement/Permit Issues
- 1.04 Evaluate Route Options for Access and Constructability
- 1.05 Prepare Recommendation for City

TASK 02 Preliminary Design and Cost Estimate – Transmission Line Route

This task provides detail for City to internally review and make decisions on next steps for this project. This task includes field activities and design services to provide sufficient detail and certainty that the selected 115kV transmission line route is viable and acceptable to City.

- 2.01 Route Survey/Layout
- 2.02 Construct DTM in PLS
- 2.03 Plot C/L and Survey Points
- 2.04 Create Method 1 Structures
- 2.05 Preliminary BOM and Cost Estimate

TASK 03 Preliminary Design and Cost Estimate - Substation

This task provides detail for City to internally review and make decisions on next steps for this project. This task includes field activities and design services to provide sufficient detail and certainty that the substation, layout, protection, and metering are adequate for the new 115kV line route.

- 3.01 Substation Review
- 3.02 Substation Protection Review
- 3.03 Substation Metering Review
- 3.04 Preliminary BOM and Cost Estimate

TASK 04 Project Management

This task includes progress meetings between City and T&D to promote regular communication and updates on the Project status as well as cover the expense of normal administrative duties associated with this Project.

- 4.01 Progress Meetings (5 Assumed)
- 4.02 Project Coordination
- 4.03 Invoice Reviews
- 4.04 Project Administration
- 4.05 Project Coordination with PNM and Tri-State

Assumptions and Exclusions

1. T&D will use publicly available terrain data, property ownership information, and aerial imagery to perform the preliminary routing task and the preliminary design task.
2. Detailed design is excluded and will require acquisition of survey-quality terrain and property boundary information.
3. T&D assumes this Scope-of-Work will be approved in its entirety to support a logical progression of activities intended to provide valuable information to City.
4. Task 01 assumes a desktop analysis with a field check only of the proposed line route.
5. Environmental and cultural assessments, right of way applications, and surveys are excluded.

Fee Estimate

The fee estimate is proposed on a time and expense and not-to-exceed basis. T&D will notify City promptly if we discover unknown factors significantly impacting the timeline of budget shown for each task.

Task 01	\$17,800
Task 02	\$30,000
Task 03	\$15,900
<u>Task 04</u>	<u>\$19,600</u>
Total Fee Estimate	\$83,300 plus NMGR

Terms and Conditions

The terms and conditions will be according to T&D's Engineering Services Agreement with City.



August 14, 2020

Chuck Nourse, Deputy Director, Electric Department
City of Gallup
230 S. Second Street
Gallup, NM 87301

Re: Proposal for SCADA Installation Support Services

Dear Mr. Nourse:

Transmission & Distribution Services, LLC (T&D) respectfully submits this proposal dated August 14, 2020 to the City of Gallup (City) to support the replacement of its existing SCADA and metering hardware at various substations throughout the City's electric utility system including installation and commissioning of the new hardware and associated systems (Proposal).

Per recent discussions, T&D understands that the City wishes to contract with Schweitzer Engineering Laboratories (SEL) to provide hardware and programming for a replacement SCADA system capable of remote monitoring and control of the City's electrical distribution system substations. The hardware SEL proposes to provide will replace the existing Advanced Control Systems (ACS) SCADA equipment and the communications radios within both the substations and the Operations Center. Additionally, the City wishes to replace outdated revenue meters at multiple locations with modern meters provided by SEL.

T&D proposes to support this effort by first reviewing any available station drawings and schematics and preparing add/remove wiring schedules, installation details, and bill of materials in collaboration with SEL for both the SCADA and metering hardware. Next, T&D will perform the physical removal of the old ACS hardware and the installation of the new SEL hardware utilizing the schedules and details developed during the initial phase of the project. Per communication with the City, the physical implementation plan will focus on one station at a time with the intent of completing the entire system by June 2021.

After installation is complete at each of the locations, T&D will support SEL during the testing and commissioning process of the new SEL hardware. Testing support will include any physical work required to make additional wiring modifications or corrections, simulation of power flow, and/or the physical simulation of alarms within the station. Once complete, T&D will provide the City with redline copies of the existing drawings or record drawings, if possible, of the changes made.

A detailed description of the Project Background, Scope of Services; Deliverables; Assumptions and Exclusions and Compensation are attached hereto. This project will be billed on a firm fixed basis per T&D's contracted rates with the City for the **firm fixed price of \$306,350**, excluding NMGRT. Progress invoices for fees earned will be sent to the City on a monthly basis.

We appreciate the opportunity to provide this Proposal and look forward to working with you and the City. Please feel free to call me at (505) 344-4234, if you have any questions.

Sincerely,

Kenneth Adams

Kenneth Adams, PE
Director, Station Engineering

I. Project Background and Understanding

Recently, T&D has successfully engineered, physically implemented, tested, and commissioned relay and metering replacements at the Mendoza substation and will use this experience and familiarity with the City's personnel and electric system to support this new similar project related to the replacement of SCADA and metering hardware.

In preparation of this Proposal, T&D reviewed SEL's proposal and understands that the new SCADA devices for each location will be individually ordered and delivered and that a pre-assembled and pre-wired package is not anticipated. Below is a summary of the various locations and the new SEL hardware anticipated to be installed at each location:

A. Operations Center

The Operations Center will require new SEL hardware capable of communicating to and collecting data from the City's different electric facilities listed below. The new SEL hardware and radio transmitter at the Operations Center requires installation in tandem with the existing ACS equipment and radio transmitter until all ACS equipment inside the electric facilities is replaced. The equipment SEL intends to provide and program are:

- (1) SEL-3555 RTAC, Remote Terminal Unit (RTU), with HMI license
- (1) SEL-2730U unmanaged ethernet switch
- (1) SEL-3031 serial radio transceiver with antennae and mount
- (1 ea) cables for connection from antennae to transceiver and transceiver to RTAC

B. Allison Substation

The City has an ongoing project to upgrade/replace the existing Allison Substation and intends to incorporate new SEL hardware as part of that effort. No work by T&D related to SCADA hardware is required at this location as part of this proposed scope of work. However, until plans and construction are completed, the City desires to install a new SEL meter.

- (1) SEL-735 Power quality and revenue meter with retrofit bezel

C. Maxwell Switchyard

- (1) SEL-3530 RTAC RTU with Input/Output (I/O) board
- (1) SEL-2488 GPS Clock with antenna
- (1) SEL-3031 Serial radio transceiver with antenna, and mount
- (1 ea) cables for connection from antennae to transceiver and transceiver to RTAC

D. Mendoza Substation

- (1) SEL-735 Power quality and revenue meter with retrofit bezel
- (1) SEL-3530 RTAC RTU with Input/Output (I/O) board
- (1) SEL-2730U Unmanaged ethernet switch
- (1) SEL-2488 GPS Clock with antenna
- (1) SEL-3031 Serial radio transceiver with antenna, and mount
- (1 ea) cables for connection from antennae to transceiver and transceiver to RTAC

E. Noe Substation

- (7) SEL-735 Power quality and revenue meter with retrofit bezel
- (1) SEL-3530 RTAC RTU with Input/Output (I/O) board
- (1) SEL-2730U Unmanaged ethernet switch
- (1) SEL-2488 GPS Clock with antenna
- (1) SEL-3031 Serial radio transceiver with antenna, and mount
- (1 ea) cables for connection from antennae to transceiver and transceiver to RTAC

F. Sunshine Substation

- (1) SEL-735 Power quality and revenue meter with retrofit bezel
- (1) SEL-3530 RTAC RTU with Input/Output (I/O) board
- (1) SEL-2730U Unmanaged ethernet switch
- (1) SEL-2488 GPS Clock with antenna
- (1) SEL-3031 Serial radio transceiver with antenna, and mount
- (1 ea) cables for connection from antennae to transceiver and transceiver to RTAC

G. Solar Farm

In addition to the SEL hardware intended for the Solar Farm and listed below, T&D understands that additional work is required at this location to set up a cellular modem service so PNM can access the monthly MV-90 settlement data.

- (1) SEL-735 Power quality and revenue meter with retrofit bezel
- (1) SEL-3530 RTAC RTU with Input/Output (I/O) board
- (1) SEL-2730U Unmanaged ethernet switch

- (1) SEL-2488 GPS Clock with antenna
- (1) SEL-3031 Serial radio transceiver with antenna, and mount
- (1 ea) cables for connection from antennae to transceiver and transceiver to RTAC

II. Scope of Services

Based on the project background and understanding mentioned above in Section I, T&D has identified and is proposing the following Scope of Work, subject to the assumptions and exclusions noted herein:

A. Settlement Meter Replacements

Per discussions with the City, T&D understands replacement of the main revenue or settlement meters is a top priority and should be completed as soon as possible. Once the City receives the programmed meters and retrofit bezels from SEL, T&D will visit the applicable sites listed above in Section I to remove the old meters from service, install the SEL meter retrofit bezel, install the new SEL-735 meter, perform meter acceptance testing, and place the new meter back into service. This task will be completed in one deployment and includes all locations with meters consecutively replaced including testing and documentation to be performed by a NETA certified meter technician.

B. Investigation Field Visit for SCADA Hardware Replacement

Although T&D has viewed and visited the majority of the City's electrical facilities, it will be necessary to visit each facility prior to the start of developing a functional installation package and wiring details specific to each unique station.

The purpose of the field visit is to verify existing station drawings for accuracy and make corrections or notes in the drawings as required. Also, T&D will discuss and collaborate with City personnel to determine the best location and plan for SCADA hardware installation. T&D proposes to consecutively visit each facility escorted by City personnel in one deployment.

C. Preparation for Installation

Once a clear understanding and high-level installation plan for the facility is achieved, T&D will proceed by developing the necessary details needed for a successful demolition of the existing ACS hardware and installation of the new SEL hardware. T&D will collaborate with SEL during this phase by sharing installation plans and component details to ensure the hardware is being properly implemented and to help SEL correctly program each of the hardware devices. This task will be performed per the facility scheduled next for replacement.

D. SCADA Hardware Demolition and Installation Services

Once the installation plans and details have been fully developed and reviewed, and once SEL has completed the initial set-up and Factory Acceptance Testing (FAT) of the new hardware. T&D

proposes to first remove all of the existing ACS equipment within the facility and then install and wire the new SEL hardware.

E. Radio Antennae Replacement

T&D proposes to replace the existing radio antennas with new antennas and mounts provided by SEL at all of the above-mentioned locations. T&D will also replace the cabling from the antennae to the new radio transceiver. Once the antenna and cable is replaced, a sweep test will be performed on the antenna and new cable to ensure proper installation and acceptable losses.

F. SCADA Hardware Testing and Commissioning Support Services

Once the new hardware is installed and wired, SEL must test and verify that the new hardware and programming is working properly. T&D will support SEL in this task with availability on site to modify or add wiring, as necessary, injecting voltages and currents to simulate the flow of power, and by physically forcing alarm or status points.

G. Redlines/Record Drawings for Meter and SCADA Hardware Replacements

The installation packages and details developed for the project will be used during the physical installation of the new hardware. Any discrepancies in the drawings will be identified and marked for correction during the field installation. Once the SCADA system is fully functional at the facility, T&D will make redline notations to the drawings and/or submit updated record drawings to the City for record keeping purposes.

III. Assumptions and Exclusions

1. In addition to the above-mentioned hardware in Section I, all other material related to the project will be provided by the City. T&D will develop an installation Bill of Materials (BOM) after the initial site visits and after collaboration with the City. The BOM will be submitted to the City for procurement in advance. The anticipated material may include, but is not limited to: additional SCADA devices, batteries, power supplies, fuses and fuse holders, circuit breakers, enclosures, conductor, cables, poles, conduit, 19" rack chassis, and antennas.
2. If necessary, the installation of tall wood and/or steel structures, foundation pours, and trenching and running of conduit will be provided by the City and is excluded from T&D's scope of work. Additional work such as the above can be negotiated with T&D through a mutually agreed upon change order.
3. SEL will program all hardware devices listed in Section I.
4. The City will coordinate the replacement of meters with PNM.
5. Meters will be programmed by SEL prior to receipt for installation.

City of Gallup

Re: Proposal for SCADA Installation Support Services

August 14, 2020

6. Meter replacements will make use of bezels from SEL and no panel cutting is required. If panel cutting or the fabrication/installation of cover-plates is required, these will incur additional expense to be arranged prior to installation by mutually agreed upon change order.
7. When possible, stations or facilities will be temporarily de-energized during SCADA hardware installations and/or testing. No cutting of panels will be allowed on energized facilities.
8. No significant changes or modifications will be required of the installation packages and details after SEL has reviewed and provided initial feedback. If significant changes are required, it could result in a change order to be negotiated prior to modifications being conducted.
9. While in the field performing hardware replacements, T&D anticipates working past 5pm to minimize travel time and out of office work.
10. Drawings of each facility will be provided by the City to T&D prior to each facility by site visit for our review and to gain familiarity of the facility.

IV. Schedule

T&D anticipates the proposed scope of work will begin in September 2020 and that it will be completed by June 2021. Physical demolition and installation work will take place one facility at a time until the entire system is completed with the exception of the metering replacements performed first. Once the project is approved and underway, T&D will coordinate with the City and SEL regarding timing and dates for execution.

T&D anticipates the amount of time to execute each portion of the above-mentioned scope of work as follows:

- | | |
|--|-----------|
| 1. Settlement Meter Replacements and Testing | 5-7 days |
| 2. Investigation Field Visit for SCADA Hardware Replacement | 2-4 days |
| 3. Eng. Services: Installation Drawing and Details Development | 4-6 weeks |
| 4. SCADA Hardware Demolition and Installation Services | 2-4 days |
| 5. SCADA Hardware Testing and Commissioning Services | 1-4 days |

Please note that this schedule is conceptual, at best, and subject to change pending availability of existing station drawings/details; coordination of SEL efforts; and restrictions associated with travel or lodging in the Gallup area, etc.

City of Gallup
 Re: Proposal for SCADA Installation Support Services
 August 14, 2020

V. T&D Services Fee and Compensation

T&D proposes to be compensated for the above-mentioned services as follows:

Progress billings will be forwarded to the City on a monthly basis. These billings will include fees earned for the billing period. The Project will be billed on a firm-fixed basis in accordance with existing contracted rates with the City and are exclusive of NMGRT.

The total firm-fixed price for the enclosed services is \$306,350 excluding NMGRT

<u>Breakdown of Fees (for reference only)</u>	<u>Unit Price</u>	<u>No. of Stations*</u>	<u>Extended Price</u>
<u>Scope of Work:</u>			
A - Meter Replacements	\$ 22,823	1	\$ 22,823
B - Investigation Field Visits	\$ 7,656	1	\$ 7,656
C – Coordination and Prep for Installation (Per Station)	\$ 12,844	5.25	\$ 67,429
D - SCADA Replacement/Install (Per Station)	\$ 23,918	5.25	\$ 125,572
E - Antennae Replacement (Per Station)	\$ 4,838	6	\$ 29,029
F - Testing & Checkout (Per Station)	\$ 5,431	5	\$ 27,154
G – Redlines/Record Drawings (Per Station)	\$ 3,929	5	\$ 19,646
Project Management/Administration			\$ 7,042
			\$ 306,350

*Operations center counts as 0.25.



V&S SCHULER ENGINEERING, INC. QUOTATION

CUSTOMER:

FRANCES RODRIGUEZ
CITY OF GALLUP
ALLISON STEEL STRUCTURES

QUOTE NUMBER: 15936-00
QUOTE VALID THROUGH: 10/17/2020
PAYMENT TERMS: NET 30 DAYS
FREIGHT TERMS: ALLOWED
QUOTED BY: BBRADLEY

ITEM	QTY	UNIT WT	TOTAL WT	UNIT PRICE	TOTAL PRICE
LB3. 15kv 3Ø LOW BUS STRUCTURE	1	669	669	\$ 1,103	\$ 1,103
SL2. 15kv 3Ø PT/SWITCH STRUCTURE	1	913	913	\$ 1,506	\$ 1,506
LAF1. 15kv DISTRIBUTION STRUCTURE	1	21680	21680	\$ 35,760	\$ 35,760
HAFW. 138kv WIDE A-FRAME DEAD END	1	27095	27095	\$ 44,691	\$ 44,691
RS, RISER STRUCTURE	5	808	4040	\$ 1,333	\$ 6,665
AB-2, ANCHOR BOLT	36	10	360	\$ 16	\$ 576
AB-3, ANCHOR BOLT	48	18	864	\$ 30	\$ 1,440
AB-5, ANCHOR BOLT	16	55	880	\$ 91	\$ 1,456
OP. SWITCH OPERATOR PLATFORM	4	311	1244	\$ 513	\$ 2,052
WSB. WALKWAY SUPPORT BEAM	1	745	745	\$ 1,229	\$ 1,229
	114		58490 lbs		\$ 96,478

DELIVERY SCHEDULE:

ANCHOR BOLTS: TO WEEKS AFTER RECIEPT OF IFC DETAILS
STRUCTURES: TO WEEKS AFTER RECIEPT OF IFC DETAILS

EXCEPTIONS/NOTES:

DELIVERY SCHEDULE IS BASED ON A 1 WEEK REVIEW PERIOD FOR SUBMITTALS
LEAD TIMES ARE SUBJECT TO CONFIRMATION WHEN ORDER IS PLACED
V&S SCHULER UNDERSTANDS THAT DELIVERY CAN BE MORE IMPORTANT THAN PRICING ON CERTAIN PROJECTS. WE WANT TO BE YOUR SUPPLIER OF CHOICE. IF WE CAN HELP YOU BY IMPROVING OUR LEAD TIMES FEEL FREE TO CONTACT US SO THAT WE MAY DISCUSS

Klute **INC.**

STEEL FABRICATION

1313 Road G, York, NE 68467 - (402) 362-1055

Frances Rodriguez
City of Gallup Purchasing Division
110 W. Aztec Ave
Gallup, NM 87301

09/21/2020

Re: Formal Bid 2026

Dear Frances,

Klute, Inc. is a family owned and operated steel fabricator that has specialized in fabricating structures for the electrical utility industry for over 20 years. We have completed many successful projects over those 20 years, and we pride ourselves in the relationships that we have built in the industry.

Thank you for the opportunity to provide a bid for this project. Let me know if there are any further questions regarding our company, or this RFP in particular

Sincerely,



Conner Rich Estimator/Project Manager



d [402.745.1486](tel:402.745.1486)
o [402.362.1055](tel:402.362.1055) x1486
e crich@kluteinc.com

[1313 Road G | York, NE 68467](http://1313.Road.G.York.NE.68467) | kluteinc.com

PROPOSAL COST

To: City of Gallup, New Mexico (herein called the "Owner").
 Equipment Contract for Allison Substation Steel Structures - Formal Bid No. 2026

Item	Description	Drawing No.	Qty.	Unit Weight	Extended Weight	Unit Price	Extended Price	
STEEL STRUCTURES								
ALL-S1	15 kV 3-PHASE LOW BUS STRUCTURE (LB3)	ALL-S120 to S121	1			\$ 1,047.52	\$ 1,047.52	
ALL-S2	15 kV 3-PHASE PT/SWITCH STRUCTURE (SL2)	ALL-S130 to S132	1			\$ 1,422.52	\$ 1,422.52	
ALL-S3	15 kV DISTRIBUTION STRUCTURE (LAF1)	ALL-S200 to S214	1 LOT			\$ 35,375.21	\$ 35,375.21	
ALL-S4	138 kV WIDE A-FRAME DEAD END STR (HAFW)	ALL-S300 to S306	1			\$ 41,759.66	\$ 41,759.66	
ALL-S5	RISER STRUCTURE (RS)	ALL-S390 to S392	5			\$ 6,207.69	\$ 31,038.44	
MISCELLANEOUS STEEL								
ALL-S6	ANCHOR BOLTS (AB2)	ALL-S400	36			\$ 19.22	\$ 692.03	
ALL-S7	ANCHOR BOLTS (AB3)	ALL-S400	48			\$ 34.33	\$ 1,647.87	
ALL-S8	ANCHOR BOLTS (AB5)	ALL-S400	16			\$ 121.45	\$ 1,943.20	
ALL-S9	OPERATOR PLATFORM (OP)	ALL-S405	4			\$ 718.86	\$ 2,875.45	
ALL-S10	WALKWAY SUPPORT BEAM (WSB)	ALL-S450	1			\$ 1,168.62	\$ 1,168.62	
Assembly Bolts and Washers			1 LOT			\$	Included	
Galvanizing Spray Paint			1 GAL			\$	\$ 123.71	
TAXES								
CALCULATIONS AND SHOP SUBMITTALS							N/A	
FREIGHT: FOB - [CITY OF GALLUP, ALLISON SUBSTATION STEEL STRUCTURES]							\$	7,250.00
TOTAL COST							\$	126,344.23