



San Ildefonso Services, LLC

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REQUEST FOR PROPOSALS

FOR

Professional Electrical Grid Evaluation

Requested By:
San Ildefonso Service, LLC

Proposals due no later than
Feb 6, 2026

Contact: Peter Fant
Submit/Email Proposals to:
Email: pfant@sanisvcs.com

I. PROJECT INFORMATION

A. Introduction

- II. San Ildefonso Services is seeking Qualifications Based Proposals for Professional Electrical Engineering services for the evaluation of the Pueblo de San Ildefonso’s electrical grid infrastructure for the purposes of understanding capacities and needed upgrades to allow the system to potentially provide renewable energy from multiple points on the Pueblo back to electrical loads on the Pueblo, to multiple locations in Los Alamos County or to loads being developed for the Pojoaque Basin Regional Water Project.

This Request for Proposals (“RFP”) briefly describes the required scope of services, performance expectations, proposal requirements, and evaluation criteria that will be used to select the Consultant.

All work shall be performed in accordance with applicable federal, state, local, BIA, and tribal regulations.

A. Project Overview

The outcome is to assist San Ildefonso Services to evaluate the electrical infrastructure on the Pueblo and develop cost estimates for investments needed for any upgrades that can be developed through the DOE’s Grid Resiliency Fund and to allow the development of renewable energy projects.

The potential renewable energy projects includes four areas to evaluate:

1. A potential geothermal developer has suggested the area on Tribal Lands adjacent to White Rock, NM be developed for a 10-20MW project. The electrical infrastructure on the Pueblo and on Los Alamos County and National Lab land would need to be evaluated for the potential for interconnection.
2. A similar project at Guaje Canyon adjacent to NM502 was proposed to be developed into a 10MW project. The power lines up Guaje Canyon and the infrastructure in Los Alamos County would need to be evaluated for potential interconnection
3. A Geothermal project sized between 10-20MW is suggested for evaluation along NM30 on the Pueblo, just south of the boundary with Santa Clara Pueblo. The electrical infrastructure including the PNM and JMEC lines would be evaluated in this area as well as any potential upgrades that would be needed on the JMEC lines in the areas.
4. A Solar plant is being considered (2-10MW) in an area on the east side of the Pueblo, north of El Rancho. The plant would potentially provide behind the meter power to the Regional Water System Treatment Plant, the Regional Water System Intake Structure, and to the Pueblo in general.

B. Background and Location

The San Ildefonso Services (SIS), LLC applied for and received funds for the DOE Resiliency Grant, and a grant through the Pueblo from Energy Minerals Development Program through BIA for evaluation of development potential for geothermal and other energy projects on San Ildefonso Pueblo in Santa Fe County, New Mexico lands for benefit of the Tribe.

C. Contracting Party

The San Ildefonso Services, LLC is issuing this Request for Proposals (RFP) from qualified electrical engineering firms to work with SIS in execution of this project.

D. Area of Project

The area is within the boundaries of the San Ildefonso Pueblo Indian Reservation but areas of evaluation might extend outside the Pueblo Boundaries.

E. Duration

The duration is estimated to be one year.

F. Compensation

To be negotiated on a task by task basis and may come from multiple funding sources (Federal and State) currently secured and/or still being sought.

III. SCOPE OF SERVICES and KPI's

The project scope includes:

1. Evaluate the Pueblo's electrical grid infrastructure with the intent to evaluate four potential projects:
 - A potential geothermal developer has suggested the area on Tribal Lands adjacent to White Rock, NM be developed for a 10-20MW project. The electrical infrastructure on the Pueblo and on Los Alamos County and National Lab land would need to be evaluated for the potential for interconnection.
 - A similar project at Guaje Canyon adjacent to NM502 was proposed to be developed into a 10MW project. The power lines up Guaje Canyon and the infrastructure in Los Alamos County would need to be evaluated for the potential interconnection
 - A Geothermal project sized between 10-20MW is suggested for evaluation along NM30 on the Pueblo, just south of the boundary with Santa Clara Pueblo. The electrical infrastructure including the PNM and JMEC lines would be evaluated in this area as well as any potential upgrades that would be needed on the JMEC lines in the areas.
 - A Solar plant is being considered (2-10MW in an area on the east side of the Pueblo north of El Rancho. The plant would potentially provide behind the meter power to the Regional Water System Treatment Plant, the Regional Water System Intake Structure, and to the Pueblo in general.
2. Work with Tribal GIS department to ensure that information is uploaded and can be managed as a part of the Tribes GIS utility database.
3. Work with San I Services Management to identify conditions and lists of recommended upgrades needed with the potential to utilize Grid Resiliency funds.
4. Develop as-built maps to assist Tribal GIS department in updating their data base.
5. Provide other professional services as needed to support the Pueblo and SIS.
6. Provide support with drone services if needed for additional data collection.

IV. PROPOSAL REQUIREMENTS

This section describes the mandatory information and submittals that must be included in all proposals. Failure to address all the items may result in the disqualification of a proposal. SIS is the final authority in determining the responsiveness of a proposal.

Each proposal shall be prepared simply and economically, providing a description of the applicant's capability for satisfying the requirements of the RFP. Proposals should not include displays or promotional materials, except as they directly relate to the ability of the applicant to complete the scope of services

All proposals will become the property of the San Ildefonso Services.

A proposal must include the following information:

A. General Information

1. Identity of Applicant: Name of Contractor, title, telephone number, fax number, e-mail address, and mailing address. Include a brief description of the project management history and experience.

2. Licenses and Certifications: The selected Applicant must be properly licensed for electrical engineering in New Mexico and apply for a consultant's license from the San Ildefonso Pueblo Taxation Commission.

3. Compliance with Applicable Laws and Confidentiality: Applicants must comply with all applicable federal, state, and tribal laws and regulations and agree to sign a confidentiality agreement and a Debarment certification.

B. Project Experience

Contractor shall describe similar experience working on tribal lands, evaluating infrastructure on multiple systems (PNM, JMEC, LAC, San I Pueblo) with the intent on identifying interconnections, system capacities, and upgrades needed.

C. Project Scope of Services

Proposals shall include a detailed scope of services by task of how the services will be successfully completed.

D. Project Schedule

Proposals shall include a project timetable for setting up of the scope of services. And time availability for executing the project.

E. Fee to Perform the Requested Scope of Services

The consultant should provide a rate schedule and an estimate of anticipated fees. **The fee proposal shall remain in effect for at least ninety (90) days after proposals have been reviewed.**

F. Key Personnel to be assigned to the Project

Proposals shall set forth the qualifications and proposed project responsibilities for the key personnel that will be assigned to the project.

G. Professional Insurance and Debarment Statement

Evidence of Professional Errors and Omissions Insurance and General Liability Insurance must be provided. A certified statement that the Consultant or Company is not barred, suspended or otherwise prohibited from professional practice by any federal or state agency is also required.

V. SUBMITTAL PROCEDURES

No Prebid meeting will be held, but may be scheduled if questions reveal the need

Questions must be submitted by January 28th, 2025 by 5 pm to pfant@sanisvcs.com

Submit (1) electronic proposal clearly marked **“SIS Electrical Grid Evaluation Services”** to: San Ildefonso Services, Attention: Peter Fant at pfant@sanisvcs.com

Proposals must be received by the SIS office email by **5 pm February 6, 2026** All proposals received after this time will not be considered.

VI. GENERAL INFORMATION

A. Single Point Applicant

Single applicant responsibility is required under this RFP, that is, each proposal responding to the RFP must show that the applicant is able to provide all professional services and special services, to fulfill the terms of this RFP, and the applicant, if awarded the contract, must be the sole contracting party with SIS.

B. Contract

SIS will use its Professional Services Agreement for the applicant awarded the project.

C. Evaluation Criteria

Proposals shall be reviewed based on responsiveness to SIS needs, cost and clarity of content.

SIS will seek to select the best professional for this project for the most reasonable cost. The best proposal will be one that yields the greatest benefit to the SIS, which may not necessarily be the lowest cost proposal.

Proposals will be evaluated by a Committee which will review the submitted electronic proposals with consideration given in accordance with the following criteria:

POINT RATING & EMPHASIS

1. Project understanding and approach 15 Points
2. Experience & familiarity with Electrical Grids and Upgrades..... 20 Points
3. Familiarity and experience in working with Tribal Governments 5 Points
4. Fee Proposal (lump sum).....45 Points
5. Time Completion Timeline 10 Points
6. Native American Preference..... 5 Points

This RFP does not commit the SIS to award a contract or pay any costs incurred in the preparation of proposals. The SIS reserves the right to reject any and all proposals, to waive any irregularities and informalities and to re-advertise when it is deemed to be in the best interests of the SIS.