

REQUEST FOR PROPOSAL (RFP)

Assessment of Existing Electrical Infrastructure

Duck Valley Indian Reservation

Issued by:

Shoshone-Paiute Tribes of the Duck Valley Indian Reservation Office of Renewable Resources

PO Box 219

Owyhee, NV 89832

Contact:

Kenneth Pete Jr, Renewable Resources Manager

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Issue Date: October 24, 2025

Proposal Due Date: November 25, 2025 by 5:00 PM MST

1. Introduction

The Shoshone-Paiute Tribes of the Duck Valley Indian Reservation (DVIR) are soliciting proposals from qualified firms to conduct a comprehensive study of the reservation's existing electrical infrastructure. The objective is to inventory and assess the condition, capacity, and reliability of current energy assets to support tribal electrification planning and future grid development.

This project is funded in part by the Bureau of Indian Affairs (BIA) Tribal Electrification Program. All work must comply with applicable federal funding requirements, including 2 CFR Part 200 – Uniform Administrative Requirements, as well as BIA procurement guidelines.

2. Background

Duck Valley Indian Reservation, established in 1877 and expanded in 1886, spans over 450 square miles along the Idaho-Nevada border. The Shoshone-Paiute Tribes seek to improve community resilience and expand access to reliable electricity across residential, commercial, and tribal government facilities. This infrastructure assessment is a critical first step toward full tribal electrification and long-term energy sovereignty.

3. Scope of Work

A. Electrical Asset Inventory

- Identify and map all existing electrical infrastructure, including substations, overhead and underground distribution lines, transformers, meters, breakers, poles, and protection systems.
- Distinguish asset ownership (tribal, BIA, utility provider, or private).

B. Condition and Capacity Review

- Evaluate physical condition and operational status of key infrastructure components.
- Estimate asset age, maintenance needs, and expected service life.
- Identify code compliance issues and safety concerns.

C. Electrical Load Analysis

- Assess load characteristics, seasonal variations, and peak usage.
- Categorize usage by customer type (residential, community, commercial, critical facilities).

D. Utility Interconnection Mapping

- Document interconnection points with external providers (e.g., Idaho Power, NV Energy).
- Review capacity, metering, and reliability at these connection points.

E. GIS and Data Management

- Develop a GIS-based infrastructure map, including GPS-coordinated asset locations.

- Provide data in shapefile or geodatabase formats for tribal asset management.

F. Recommendations and Planning Guidance

- Prioritize infrastructure upgrades or replacements.
- Identify readiness for renewable energy integration and microgrid opportunities.
- Provide a list of recommended next steps and additional funding needs.

4. Deliverables

- Draft and Final Infrastructure Assessment Report (PDF + 3 hard copies)
- GIS asset map and raw files (shapefiles or compatible formats)
- Executive Summary (suitable for BIA reporting and grant follow-ups)
- One PowerPoint-style presentation to Tribal Council and stakeholders

5. Proposal Content Requirements

- Cover Letter (signed)
- Technical Approach and Methodology
- Work Plan with Timeline
- Team Résumés and Qualifications
- Relevant Experience with Tribal or Electrification Projects
- Fee Schedule and Budget
- References (minimum of 3)

6. Project Timeline (Estimated)

RFP Issued: October 24, 2025

Questions Due: November 11, 2025

Proposals Due: November 25, 2025

Contract Award: December 10, 2025

Work Begins: December 17, 2025

Draft Report Due: May 7, 2026

Final Report and Presentation: June 23, 2026

7. Budget Format (Recommended)

Budget Category	Description	Cost (\$)
Labor	By task/phase	\$X,XXX
Travel & Per Diem	Site visits to Duck Valley	\$X,XXX
GIS/Mapping Tools	Data collection and mapping	\$X,XXX
Equipment/Supplies	GPS tools, PPE, etc.	\$X,XXX
Reporting	Printing executive summary, etc.	\$X,XXX

Total		\$XXX,XXX
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8. Submission Instructions

Submit proposals by 5:00 PM MST on November 25, 2025 via one of the following:

Email (preferred): petejr.kenneth@shopai.org

Mail:

Shoshone-Paiute Tribes

Renewable Resources Department

P.O. Box 219

Owyhee, NV 89832

Late submissions may not be reviewed.

9. Evaluation Criteria

Evaluation Factor	Weight (%)
Technical Qualifications	35%
Experience with Tribal Project	25%
Project Approach and Methodology	20%
Cost and Budget	15%
References and Past Performance	5%

10. Federal & Tribal Requirements

This project is funded by the BIA Tribal Electrification Program and subject to:

- 2 CFR Part 200 (Uniform Guidance)
- Buy American and Davis-Bacon (as applicable)
- Indian Preference in Hiring and Contracting per TERO policies
- Coordination with BIA Regional Office where required

11. Questions and Clarifications

Submit questions by November 11, 2025 to:

Kenneth Pete Jr., Renewable Resources Manager

Email: petejr.kenneth@shopai.org

Responses will be distributed to all known proposers by November 14, 2025.