

Request for Proposals (RFP)

Comprehensive Electrification Planning, Home Energy Audits, and Renewable Energy Feasibility Study

Issued by:

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

P.O. Box 219

Owyhee, NV 89832

Contact:

Kenneth Pete Jr., Renewable Resources Manager

Phone: 208-759-3100 ext. 1284

Email: petejr.kenneth@shopai.org

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Proposal Due Date: November 25, 2025

Comprehensive Electrification Planning, Home Energy Audits, and Renewable Energy Feasibility Study

Shoshone-Paiute Tribes of the Duck Valley Indian Reservation
Owyhee, Nevada and Idaho

I. Background

The Duck Valley Indian Reservation, which spans the Nevada-Idaho border, is among the most geographically remote tribal communities in the lower 48 states. As a federally recognized Justice40 and disadvantaged community, the Reservation has disproportionately high energy costs, limited access to reliable infrastructure, and elevated health and economic burdens. Over 500 homes—ranging widely in condition—will benefit from this planning initiative. Some homes remain unelectrified; others have non-functioning solar systems or inadequate insulation. This project aims to move the community toward a net-zero emissions future, with specific milestones of a 50% GHG reduction by 2032 and full net-zero emissions by 2043.

To facilitate this transition, the Tribes have developed a comprehensive, data-driven work plan. The project emphasizes training and workforce development, including on-the-job training for Tribal members. It also includes alignment with other energy initiatives such as the DOE Tribal Electrification and Appliance Rebate Program and close collaboration with the Duck Valley Housing Authority (DVHA), which manages over 330 tribal housing units.

II. Purpose

The Tribes seek qualified and properly licensed consultants, engineers, and firms to support the planning and evaluation activities under the Tribal Electrification (TEP) initiative. The selected contractor(s) will assist with energy audits, renewable energy feasibility studies, microgrid assessments, and strategic planning toward energy independence and decarbonization.

III. Scope of Work

1. Home Energy Audits

- Conduct energy audits for approximately 500 homes.
- Provide homeowner education and distribute minor energy-efficiency upgrades.
- Train up to five Tribal members in energy auditing, in collaboration with the Tribal

Employment Rights Office (TERO).

- Educate residents on Raft River Rural Electric Cooperative rebate programs.

2. Renewable Energy Feasibility and Integration

- Review and assess existing solar panel installations and identify opportunities for repair or enhancement.
- Conduct feasibility studies for renewable energy sources, including solar and micro-grid systems.
- Evaluate homes for readiness to integrate renewable energy systems.
- Provide economic and technical analysis for different zero-emission energy scenarios.

3. Strategic Electrification and Sustainability Planning

- Develop conceptual designs and plans for energy efficiency retrofits and zero-emission generation systems.
- Provide cost estimates for preferred strategies.
- Incorporate Justice40, climate resilience, and economic development considerations.
- Coordinate with local, state, and federal partners.

IV. Deliverables

- Energy audit reports for each home studied
- Feasibility studies with economic analyses
- Conceptual plans and cost estimates
- Final report to Tribal Council with Renewable Resources staff
- Public presentation and homeowner engagement sessions no less than two sessions

V. Proposal Requirements

1. Organizational background and relevant experience
2. Resumes of key personnel
3. Detailed work plan and project timeline (18 months maximum)
4. Itemized budget with narrative
5. Compliance certification for 2 CFR Part 200
6. Description of community engagement and workforce training strategies

VI. Federal Compliance

This project is funded through the Department of the Interior under the Tribal Electrification Program and must comply with all applicable federal regulations,

including 2 CFR Part 200. Contractors must have internal controls sufficient to manage federal awards and report expenditures appropriately.

VII. Evaluation Criteria

Criteria	Points
Relevant experience and qualifications	30
Technical approach and understanding	25
Cost competitiveness	20
Tribal or rural utility experience	15
Federal grant compliance & reporting	10
Total	100

VIII. Submission Instructions

Deadline: November 25, 2025

Submission Format: Electronic PDF preferred

Send Proposals to:

Shoshone-Paiute Tribes

ATTN: Renewable Resources– TEP RFP Submission

P.O. Box 219, Owyhee, NV 89832

Email: petejr.kenneth@shopai.org

For questions or clarifications, contact:

Kenneth Pete Jr. – Renewable Resources Manager

Phone: 208-759-3100 ext. 1284

Email: petejr.kenneth@shopai.org

IX. Reservation of Rights

The Shoshone-Paiute Tribes reserve the right to:

- Reject any or all proposals
- Waive informalities or irregularities
- Request additional information from any respondent
- Award contracts in the best interest of the Tribes