

Vacancy Announcement

Position: Electrical Site Engineer

Project: Aamadablam Mini Hydro Subproject

Duty Station: Pangboche, Khumbu Pasang Lhamu Rural Municipality (Field-Based)

Duration: One (1) Year (with possibility of extension based on performance)

Application Deadline: 10th June 2025 (Close of Business)

About the Project

The Aamadablam Mini Hydro Subproject is part of a broader Transmission and Distribution (T&D) initiative to improve energy access in remote regions of Nepal. The project involves the installation, commissioning, and testing of high-voltage electrical systems, including substations and distribution lines, ensuring compliance with both national and international standards.

Position Summary

The Electrical Site Engineer will manage on-site electrical works, ensuring timely, high-quality, and safe execution of the Aamadablam Mini Hydro Subproject. The role requires strong technical expertise, leadership, and coordination with civil engineers, contractors, and the project management team.

Key Responsibilities

1. Site Supervision and Coordination

- Oversee installation of electrical systems, including transformers, switchgear, and distribution lines.
- Coordinate daily site activities with contractors, technicians, and workers.
- Ensure compliance with approved drawings, technical specifications, and safety standards.
- Collaborate with civil engineers and the project team for integrated workflow.

2. Quality Assurance and Compliance

- Conduct inspections to ensure work meets IEEE, IEC, NEC, and local codes.
- Monitor progress to align with the schedule and budget.
- Ensure adherence to environmental, health, and safety regulations.

3. Testing and Commissioning

- Lead testing and commissioning of all electrical components.
- Develop and implement test protocols, ensure calibration and operational accuracy.
- Troubleshoot and resolve technical issues during commissioning.
- Submit complete documentation of the commissioning process.

4. Documentation and Reporting

- Maintain daily logs and prepare weekly progress reports.
- Keep electrical drawings and records updated.
- Record inspections, approvals, changes, and technical decisions.

5. Safety Management

- Enforce health and safety standards on-site.
- Conduct safety briefings and ensure PPE compliance.
- Perform regular safety audits and risk assessments.
- Investigate incidents and implement preventive actions.

Key Deliverables

- Daily and weekly site progress reports
- Testing and commissioning documentation
- Safety audit reports and risk assessments
- Updated electrical drawings and system logs

Required Qualifications and Experience

- Bachelor's Degree in Electrical Engineering or a related discipline
- Proven experience in installation and commissioning of high-voltage electrical systems
- Strong knowledge of T&D equipment (transformers, switchgear, breakers, etc.)
- Familiarity with IEEE, NEC, IEC, and local standards
- Proficiency in reading electrical drawings and technical documentation
- Strong leadership, coordination, and communication skills

Preferred Competencies

- Experience implementing international environmental safeguard standards and familiarity with GoN regulations and World Bank guidelines
- Fluency in both Nepali and English (spoken and written)
- Awareness of gender issues, SEA/SH, and cultural sensitivity
- Willingness to work and reside in remote areas, including trekking as needed
- Strong interpersonal skills to work with government, local communities, and project stakeholders

- Legal eligibility to work in Nepal
- Work Conditions and Supervision
- Full-time, field-based position
- Reports directly to the Project Manager
- May require travel and weekend work based on project needs
- Contract period: 1st June 2025 – 1st September 2026, with potential for renewal based on performance

Application Instructions

Interested candidates should submit their application by Close of Business on 10th June 2025 to:
amadablamhydro@gmail.com

Your email must include:

- An updated Curriculum Vitae (CV) with three recent references
- Copies of relevant academic degrees

Note: Only shortlisted candidates will be contacted.