

Job Role: Senior Engineer - Electrical

Location: District Panna, Madhya Pradesh

Department: Projects (Electrical)

Job Type: Full Time

Experience Required: Minimum of 5 years

Industry: Infrastructure/Power/Construction

Job Overview:

Unipro Techno Infrastructure Pvt. Ltd. (UTIPL) is looking for a Senior Electrical Engineer to manage and execute electrical works for water infrastructure projects in Madhya Pradesh. The ideal candidate will have a solid background in HT/LT line construction, substation works, electrical instrumentation, and troubleshooting. This is a full-time site-based role requiring hands-on technical execution, estimation, and coordination with utility departments.

Key Responsibilities & Skills Required:

1. Electrical Line Work

- Execution and maintenance of HT (High Tension) & LT (Low Tension) overhead and underground electrical lines

2. Substation Construction

- Handling end-to-end construction activities related to HT/LT substations

3. Liasoning

- Coordinating with **MPEB (Madhya Pradesh Electricity Board)** officials for inspections, approvals, and connections

4. Project Estimation & Costing

- Preparing estimates, BOQs, and costing for electrical works involved in the project

5. Electrical Panel Installation & Troubleshooting

- Installation and problem resolution for HT/LT Panels, Starter Panels, etc.

6. Motor Maintenance

- Installation and servicing of **HT & LT motors**, including identifying faults and ensuring operational efficiency

7. Instrumentation Handling

- Installation and troubleshooting of instruments such as **flow meters, actuators, and sensors**
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Qualifications and Skills:

- Bachelor's Degree (B.E./B.Tech) or Diploma in Electrical Engineering from a recognized institution.
- Additional certifications in electrical systems, safety standards, or power distribution will be an advantage.
- Strong understanding of electrical power systems including HT (High Tension) and LT (Low Tension) networks.
- Experience in the design, installation, and maintenance of electrical infrastructure such as substations, transformers, motors, and distribution panels.
- Proficiency in reading and interpreting electrical schematics, layout drawings, and technical documentation.
- Competence in troubleshooting, diagnostics, and repair of electrical faults in industrial or infrastructure environments.
- Familiarity with electrical estimation, costing, and material take-offs.
- Working knowledge of relevant codes and standards (e.g., IS, IEC, NEC).
- Exposure to design and analysis tools like AutoCAD, ETAP, or similar platforms.
- Proficient in using MS Office for reporting, documentation, and communication.
- Ability to work independently under minimal supervision and lead on-site teams.
- Prior experience in handling end-to-end electrical works in infrastructure, industrial, utility, or EPC projects.
- Experience in liaising with government departments or regulatory authorities is a plus.

You can also share your resume (with a covering letter) to careers@uniproinfra.com

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