



PR/120005 | Electrical Design Engineer

Job Information

Recruiter

JAC Recruitment Thailand

Job ID

1602434

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Thailand

Salary

Negotiable, based on experience

Refreshed

August 25th, 2026 01:00

General Requirements

Minimum Experience Level

Over 1 year

Career Level

Mid Career

Minimum English Level

Daily Conversation

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Position: Electrical Design Engineer

Salary: 30,000 - 50,000

Location: Sathorn, Bangkok

Responsibility:

1. Cost Estimation & Analysis: Perform detailed project cost estimations by coordinating with procurement teams, internal factories, external vendors and subcontractors.
2. Technical Proposal Preparation: Prepare high-quality technical proposals documents that clearly define the scope of supply and equipment specifications
3. Review and prepare tender documents
4. Specification Review: Check and refine (brush up) electrical equipment specifications to ensure they meet customer requirements and international standards.
5. Preliminary Design & Drafting: Develop preliminary Single-line diagrams (SLD) for system

projects including HV/MV/LV Substations.

6. Draft preliminary substation layout plan drawing, ensuring optimal equipment placement for 115kV GIS Power Transformations (PTR), and 22kV/6.6kV Switchgear (SWGR) while adhering to safety clearances and technical standards.

7. Perform other job-related duties as assigned

Qualification:

- Male or Female, Age 25 - 35 years old.
- Bachelor's degree in electrical power engineer or related field
- At least 2 years of experience in Electrical System Design/Estimation/Sales within the power electrical field (HV/MV Substation focus)
- Good command in spoken and written English.
- Product knowledge of HV GIS, HV/MV Switchgear & Transformer, LV MDB/MCC/VVVF, and Protection relays.
- Have skills in AutoCAD operation for Single-line diagrams and ability to understand Equipment Layout drawing/Schematic diagram.
- Having knowledge skills in Electrical Design Software (ETAP) and Monitoring system (SCADA/CSCS) would be an advantage.
- Have a professional engineering license and driving license
- Excellent problem-solving and management skills
- Fast learning, patient, good attitude and can work under pressure.

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Company Description