

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
November 3rd, 2026 17:00

General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
Daily Conversation Level

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.

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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Company Description