



PR/158133 | Electrical Engineer (Low Voltage Systems)

Job Information

Recruiter

JAC Recruitment Malaysia

Job ID

1512485

Industry

Civil Engineering and Construction

Job Type

Permanent Full-time

Location

Malaysia

Salary

Negotiable, based on experience

Refreshed

January 8th, 2025 11:01

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

COMPANY OVERVIEW

A Local Conglomerate that has quickly risen to prominence with a diversified business specialization in Infrastructure and Electrical Power Transmission projects.

JOB RESPONSIBILITIES

- Design, implement, and maintain low voltage systems, such as
 1. Communication Systems (telephony, intercoms, structured cabling, LAN/WAN).
 2. Security Systems (CCTV, access control, alarm systems).
 3. Fire Alarm and Detection Systems.

4. **Building Automation Systems (BAS/BMS).**

- Develop electrical wiring diagrams, schematics, and layouts for weak current systems.
- Manage installation and commissioning of low voltage equipment and systems, ensuring integration with other building systems.
- Conduct system testing, troubleshooting, and performance optimization.
- Ensure compliance with local and international codes and standards (e.g., IEC, NEC).
- Collaborate with project managers, architects, and other engineering disciplines to ensure effective system integration.
- Prepare technical reports, documentation, and user manuals.
- Prepare detailed documentation, including system manuals, as-built drawings, wiring diagrams, and maintenance guidelines.
- Oversee contractors and vendors, ensuring timely project delivery and quality control.

JOB REQUIREMENTS

- Bachelor's degree in Electrical Engineering, or a related field.
- Minimum 3 years of experience working with low voltage or weak current systems (e.g., security, communication, fire detection).
- Strong knowledge in:
 - Communication protocols (e.g., TCP/IP, Modbus, BACnet).
 - Low voltage wiring, cabling, and power supply systems.
 - Integration of building automation, security, and fire alarm systems.
- Able to speak Mandarin.

Click 'Apply Now' to apply for this role

OR email your updated CV to sunil.see@jac-recruitment.com

Thank you!

#LI-JACMY

#countrymalaysia

Company Description