



## PR/158133 | Electrical Engineer (Low Voltage Systems)

### Job Information

**Recruiter**

JAC Recruitment Malaysia

**Job ID**

1505398

**Industry**

Civil Engineering and Construction

**Job Type**

Permanent Full-time

**Location**

Malaysia

**Salary**

Negotiable, based on experience

**Refreshed**

November 19th, 2024 11:36

### 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](mailto:sunil.see@jac-recruitment.com)

Thank you!

#LI-JACMY

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Company Description