



ABRAJ
Electromechanical Works



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Office #21, Al Rouhani Building, Dubai



www.abrajmep.net

Job Title: Electrical Engineer (MEP Estimation & Design)

Location: Dubai, UAE

Experience: Minimum 5 years

Job Description:

Abraj Electromechanical Works is seeking a highly skilled **Electrical Engineer** with a **minimum of 5 years of experience** in **MEP estimation and electrical design**. The ideal candidate should have strong expertise in **cost estimation, tendering, and electrical system design** using **AutoCAD**. This role requires excellent analytical skills, attention to detail, and the ability to develop competitive cost proposals while ensuring compliance with industry standards.

Key Responsibilities:

MEP Estimation & Costing:

- Prepare **detailed cost estimates** for electrical works, including **material, labor, and overhead costs**.
- Analyze **tender documents, BOQs, and technical specifications** to determine project costs.
- Coordinate with **suppliers and subcontractors** to obtain competitive pricing for materials and services.
- Develop and modify **electrical designs using AutoCAD** to support estimation and tendering.
- Assist in **value engineering** by optimizing designs to reduce costs without compromising quality.
- Prepare **cost comparison reports, bid summaries, and RFQs (Request for Quotations)**.

Electrical Design & Documentation:

- Create and review **electrical system designs, single-line diagrams, load schedules, and power distribution layouts**.

- Ensure compliance with **DEWA regulations, UAE electrical codes, and project requirements.**
 - Prepare and modify **electrical drawings and schematics using AutoCAD.**
 - Collaborate with MEP engineers and project teams to ensure seamless **electrical system integration.**
 - Perform **electrical load calculations, voltage drop calculations, and circuit breaker selection.**
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Requirements:

- **Bachelor's Degree in Electrical Engineering** or a related field.
 - **Minimum 5 years of GCC experience in MEP estimation, tendering, and electrical design.**
 - Strong knowledge of **electrical system design, power distribution, and DEWA regulations.**
 - Proficiency in **AutoCAD** for electrical drawings and layouts.
 - Ability to read and interpret **MEP drawings, specifications, and tender documents.**
 - Experience in **cost analysis, budgeting, and preparing BOQs** for electrical projects.
 - Strong problem-solving and analytical skills.
 - Excellent **communication and teamwork** abilities.
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Preferred Qualifications:

- **Previous experience in MEP companies in Dubai.**
 - **Family Visa** is a plus.
 - Familiarity with **UAE construction regulations.**
 - Knowledge of **electrical testing, commissioning, and troubleshooting.**
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Salary & Benefits:

- **Competitive salary** based on experience.
- **Medical insurance** as per UAE labor law.
- **Annual leave and ticket allowance.**

- **Career growth opportunities** within the company.
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How to Apply:

Interested candidates can send their **CV and portfolio** to hr@abrajllc.ae with the subject line **"Electrical Engineer - MEP Estimation & Design Application."**

Join **Abraj Electromechanical Works** and be part of a dynamic team delivering **top-quality electromechanical solutions** in Dubai!