

Mahmoud Anees Mohamed

Senior Electrical Engineer

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[Al-Malaz , Riyadh , [Saudi Arabia](#)]

Professional Summary

Electrical Engineer with over 9 years of hands-on experience in designing and installing electrical systems for large industrial and commercial projects. Skilled in power distribution and team leadership. Well-versed in safety standards and energy-saving solutions. Always looking for new and practical ways to improve performance and support sustainable engineering.

Key Skills

Electrical Design & Implementation

- Site Supervision & Execution
- Technical office and Estimation & Tendering
- Lighting & Low Current Systems (Fire Alarm, Data, CCTV)
- Shop Drawings & As-Built Documentation
- Quantity Surveying & Material Take-Offs
- Project Coordination & Cross-Discipline Communication
- Compliance with Codes & Safety Standards
- Testing, Commissioning & Inspections
- Problem Solving & Decision Making
- AutoCAD, Revit, and MS Office Proficiency

Professional Experience

Senior Electrical Engineer

ELMAC CO ... Riyadh , Saudi Arabia June 2024 – Present

- Technical office and Estimation & Tendering Electrical Engineer

- Prepare accurate cost estimates for electrical systems in commercial and residential buildings.
- Review drawings, specifications, and BOQs to determine project scope and pricing.
- Coordinate with vendors and subcontractors to obtain competitive quotations.
- Prepare and submit complete technical and financial tender documents.
- Ensure compliance with client requirements, local regulations, and industry standards.
- Collaborate with design, procurement, and execution teams to align project goals.
- Monitor tender deadlines and follow up on submissions and clarifications.

Concord For Engineering&Contracting – Cairo, Egypt March 2020 – May 2024

- Position: Electromechanical Construction Manager .

- Project (SAMAKEN EL GHARB) Sewage Treatment Plant in Ash sharqia .

- Project Value:

- Electromechanical works valued at approximately 1.4 million USD.

- Lead the execution of electromechanical works in water and wastewater treatment and lifting stations.
- Supervise site engineers, technicians, and subcontractors to ensure timely and quality project delivery.
- Oversee installation of electrical panels, pumps, piping, instrumentation, and automation systems.
- Review shop drawings, method statements, and ensure adherence to technical specifications and project schedule.

Senior Electrical Engineer.

- Project (MANSOURA 3) Mega project in New Administrative Capital.

- Project Value:

- Electromechanical works valued at approximately 5.6 million USD.

Worked as a Senior Electrical Engineer on the Mansoura 3 project in the New Administrative Capital, involving administrative, residential, and sports buildings. Responsibilities included the design review and supervision of electrical systems such as power distribution, lighting, low current systems (fire alarm, data, CCTV), and grounding and lightning protection.

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- **Project Springs Compound – Sheraton, Cairo Airport Area December 2017 – March 2020**

- **Project Value:**

- **Electrical works valued at approximately 780,000 USD.**

- **Position: Senior Electrical Engineer**

Worked on a high-end residential compound consisting of villas and apartment buildings. Responsibilities included:

- Preparing and reviewing electrical shop drawings and as-built documentation.
- Coordinating with consultants and other engineering disciplines.
- Performing quantity surveying and preparing material take-offs for electrical systems.
- Supervising on-site installation of electrical works: power distribution, lighting systems, earthing, and low current systems (fire alarm, data, CCTV).
- Participating in inspections, testing, and commissioning of electrical systems.

Education

Bachelor of Science in Electrical Engineering

[Al-azhar university](#)- Cairo, Egypt

Graduated: 2016 | Acceptable(64.10)

Languages

- Arabic: Native
- English: good

References

Available upon request.