

Ahmed Mohsen Ahmed

Electrical Engineer



Obour City, Cairo, Egypt.



engahmedmohsen92@gmail.com



+201060309714



<https://www.linkedin.com/in/ahmedmohsen-53234710b/>

HAC HR Code: 10209122

HAC Email: Ahmed.MAhmed@hassanallam.com

Summary

Results-driven Electrical Engineer with over 10 years of experience in electrical distribution systems and construction projects. Expertise in managing technical designs, resolving project challenges, and leading multidisciplinary teams to deliver projects on time and within budget. Proficient in MV/LV systems, BMS, fire alarm systems, low-current systems, quantity surveying, and material procurement. Skilled in working under high-pressure environments while maintaining a commitment to excellence.

Professional Experience

Technical Office Team Leader Engineer

Hassan Allam Construction Company (HAC)

April 2024 – Present

- Revise and analyze the tender package (project specs, BOQ, design drawing) for MEP scope of work and check for design calculation load estimation, transformer sizing, voltage drop, short circuit calculations, and cable sizing.
- Submit requests (RFI) to the consultant for any missing information, and submit (RFP) for solving design issues.
- Prepare and review electrical power systems, low current systems, and BMS shop drawings according to the design, specifications, and standards of IEC, and NFPA.
- Prepare material submittals, and calculations, and follow up on the status with the project consultant.
- Coordinate with the site engineers and project consultants to solve technical issues.
- Quantity surveying for all project items and schedule for needed materials according to procurement plan and E2 log.
- Follow up procurement and issue purchasing orders.
- Issue client invoices & subcontractors' invoices.
- Plan the execution of all electrical works and coordinate with other technical departments.
- Ensure compliance with contract terms.
- Supervise and implement the installation of all electrical activities (MV, LV, BMS, Fire alarm, Data, LC).
- Coordinate meetings with the client and the consultant to solve the project issues.
- Follow up with the suppliers to resolve the technical issues and ensure material delivery.
- Prepare and submit variation orders for any additional scope.
- Evaluate new and existing suppliers and subcontractors.

Projects

- Samsung Mobile Factory (Industrial Building).
- LRT (Light Rail Transit) New Capital.

Achievements

- Successfully led to additional scope in the electrical works for a new scope of a \$50M.

Technical office, QS, and Procurement Engineer
Consolidated Contractors International Company (CCC)
March 2023 – March 2024

- Negotiate purchase agreements with the suppliers and subcontractors.
- Monitor the budget, and ensure compliance with contract terms.
- Revise and analyze the project tender package.
- Prepare electrical power systems, low current systems, and BMS shop drawings.
- Prepare material submittals, and follow up on the status with the consultant.
- Coordinate with the site engineers and project consultants to solve the issues.
- Quantity surveying for all project items and schedule for needed materials.
- Follow up procurement and issue purchasing orders.
- Issue client invoices & subcontractors' invoices.
- Supervise and implement the installation of all electrical activities (MV, LV, BMS, Fire alarm, Data, LC).
- Follow up with the suppliers to resolve the technical issues and ensure material delivery.
- Prepare and submit variation orders for any additional scope.
- Evaluate new and existing suppliers and subcontractors.

Projects

- Telecom Egypt New Headquarter (Commercial Building).

Achievements

- Reduced procurement costs by 25% through strategic supplier negotiations.

Site, Technical office, and Tender Engineer
The Arab Contractors Company
April 2017 – February 2023

- Negotiate purchase agreements with the suppliers and subcontractors.
- Monitor the budget, and ensure compliance with contract terms.
- Prepare and submit tender offers and cost breakdowns
- Revise and analyze the project tender package.
- Prepare electrical power systems, low current systems, and BMS shop drawings.
- Prepare material submittals, and follow up on the status with the consultant.
- Coordinate with the site engineers and project consultants to solve the issues.
- Quantity surveying for all project items and schedule for needed materials.
- Follow up procurement and issue purchasing orders.
- Issue client invoices & subcontractors' invoices.
- Supervise and implement the installation of all electrical activities (MV, LV, BMS, Fire alarm, Data, LC).

Projects

- New Parliament Headquarter.
- Water Station No (3), New Admin Capital.
- Cleopatra Hospital, 5th Settlement.
- Tahrir Square Development, Landscape and Façade Lighting.
- Mall MU23, New Admin. Capital.
- Bin Zayed Road Street Lighting and Infrastructure.

Automation and Control Engineer
EGICS For Industrial Solution and Automatic Control.
January 2015 – March 2017

- PLC programming.
- HMI programming.
- SCADA designing.
- Designing and developing new control systems.
- Testing, maintaining, and modifying existing systems, and liaising with clients, suppliers, and contractors.

Projects

- Farm Frites Factory SCADA system.
- 2M Shoes Factory PLC programming.
- Nagida Concrete Plant SCADA system.

Education

Bachelor of Electrical Power Engineering

May 2014

The faculty of Engineering Helwan University

**Courses And
Certification**

- Project Management Professional PMP.
- Cost Management.
- Power System Distribution.

Technical Skills

- Microsoft Office: very good.
- AutoCAD: very good.
- Revit: intermediate.
- ETAP: good

Languages

- Arabic: native.
- English: good.

Personal Skills

- Team Building.
- Problem Solving.
- Leadership.
- Decision Making.
- Negotiation.
- Flexibility.

**Personal
Information**

- Date of Birth: January 16, 1992.
- Marital Status: Married.
- Nationality: Egyptian.
- Military Status: Completed.