

Mohamed Hassan El-Mansoury

Electrical Engineer

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Objective

Motivated Electrical Engineer specializing in tender preparation, technical office operations, design, and BIM solutions. Keen to contribute to a reputable firm by leveraging academic knowledge and hands-on project experience. Skilled in delivering accurate designs, optimizing workflows, and supporting multidisciplinary teams. Dedicated to continuous learning and professional growth within the electrical engineering field.

Profile summary

Electrical Engineer specialized in the construction sector with solid experience in design, shop drawings, and tendering for low-voltage and light current systems. Proficient in engineering software including AutoCAD, DIALux Evo, and Microsoft Office, with a strong ability to translate technical requirements into practical, high-quality solutions. Known for accuracy, efficiency, and collaborative teamwork in delivering engineering projects.

Education

Bachelor's Degree in Electrical Power & Machines Engineering

Tanta University, Egypt — Graduated 2022

Graduation Project: Design and Performance Analysis of a PV System with Enhanced Storage Using a Supercapacitor

Experience

• Electrical Tender Engineer

Rowad Modern Engineering – (OCT 2025- JUL 2026)

- Studied tender project specifications, drawings, and BOQs; coordinated with procurement and nominated vendors.
- Contacted suppliers to obtain commercial and technical offers.
- Prepared purchase requisitions during tender stage and for awarded projects based on design requirements.
- Contributed to both national and international projects.
- Analyzed project cost estimates and prepared detailed tender comparisons, ensuring accuracy and competitiveness in bid submissions.
- Used CostOS software for the tendering process.

➤ Key Projects:

▪ National

Industria New Sadat (Sadat), Al Alamein Desalination Plant (New Alamein), Mafalsa Grain Silos (Aswan), Capital Fort French Fries factory (AL Sokhna), RORO Terminal (AL Sokhna).

▪ International

Benin Chamber of Commerce HQ (COTONOU, Benin), Arena (COTONOU, Benin), POSTE & the POSTALE Bank HQ (COTONOU, BENIN), Construction of Potable Water System in the Industrial Area (Yanbu, KSA), Riyadh East Independent Sewage Treatment Plant (Riyadh, KSA), Waeed Office and Retail Buildings (Riyadh, KSA).

• Electrical Technical Office & Tender Engineer

Sherif El Gohary & Co – (FEB 2024- SEP 2025)

- Reviewed tender specifications, drawings, and BOQs; coordinated with procurement and vendors.
- Contacted listed suppliers for both Commercial & technical offers.
- Prepared purchase requisitions and arranged sample submittals/material approvals.
- Produced shop drawings, as-built documentation, and project limitations.
- Conducted quantity surveying for electrical equipment and materials.
- Created and managed invoices for subcontractors and clients, ensuring accurate billing and timely payments.
- Preparation of variation orders for Electrical Works.
- Coordinated with clients/consultants for project execution.

➤ Key Projects:

CIB Kafr Eldawar branch, CIB Abd Elkhalek Tharwat branch, CIB PX Mall branch, NBE Magic Land branch, NBE Centrada Mall branch.

• Electrical Design Engineer

Electromechanical Design Center – (AUG 2022 – JAN 2023)

- Designed electrical systems including power distribution, lighting, control, and light current systems.
- Ensured compliance with industry standards, codes, and regulations.
- Sizing electrical components such as transformers, circuit breakers, cables, connectors, and control devices based on project requirements, safety standards, and budgetary considerations.
- Designed and analyzed circuits using CAD & Revit softwares.
- Collaborated with mechanical engineers, architects, and project managers to integrate designs.
- Produced full package (layouts, BOQs, Vendor list & Specification).
- Prepared shop drawings for both electrical & light current systems.

➤ Key Projects:

Hospitals & Medical Facilities, Banks, Gas Stations, Administration Buildings.

Achievements

- KAITECH BIM diploma 300 hrs. (MAR 2024 – NOV 2024)
 - BIM FUNDAMENTAL
 - Revit ELEC Modeling
 - WORK SHARING
 - COORDINATION
 - ELEC REVIT FAMILIES
 - DYNAMO
 - BIM COORDINATION AND CLASH DETECTION USING NAVIS WORK
 - INFORMATION MANAGEMENT ACCORDING TO ISO 19650
 - AUTODESC CONSTRUCTION CLOUD
 - BIM 4D/5D
 - BIM 6D/7D
 - BIM EXECUTION PLAN

- VIRTUAL REALITY USING ENSCAPE
- Diploma in Electrical Distribution & Light Current at Dar Al-kahrabaa for Electrical Supplies and Contracting (three months)
 - Design and prepare shop drawing layouts for all electrical systems (Lighting - Power) and light current systems (DATA - TELEPHONE - TV - CCTV - Access Control - Fire Alarm – Queuing)
 - Sizing of LV transformers, generators, UPS, and Capacitors Bank according to calculated demand loads and project specifications.
 - Conduct voltage drop and short circuit calculations manually.
 - Design earthing and lightning protection systems.
 - Conduct average length calculations to obtain the suitable BOQ price of outlets after undertaking studying sheets.
- PLC Basic Applications (36HRs) - Jeilecom Supporting Industry and Academy
- Classic Control Basic Application (24HRs) - Jeilecom Supporting Industry and Academy
- Bronze Medal in 'ICT Talent Bank' 2019 Huawei Egypt

Internships

- Dar Al-kahrabaa for Electrical Supplies and Contracting (three months)
- SIEMENS Energy & EGT Academy Virtual Winter Training (two weeks)
- ABB Virtual Summer Internship Egypt 2021 (one month)
- South Delta Electricity Distribution Company (one month)
- Misr Spinning and Weaving Company (one month)
- Petrojet - petroleum sector (one month)

Software Skills

- AutoCAD
- Revit
- DIALux
- DIALux Evo
- Microsoft office Word
- Microsoft office Excel

Languages

- Arabic - native
- English - C1 (IGCSE High School)

Soft Skills

- Ability to handle multiple Tasks.
- Ability to analyze and solve Problem.
- Ability to learn new work Efficiently.
- Teamwork.
- Self-learner.
- Strong communication and negotiation skills.



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الرقم

(30 Nov 2025 م)

التاريخ

المرفقات: (بدون)
الموضوع: إشعار تسجيل بالهيئة

خطاب تعريف Introduction Letter

To Whom it May Concern

الى من يهمه الامر

Saudi Council of Engineers hereby certifies that

بهذا تشهد الهيئة السعودية للمهندسين بأن

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محمد حسن عبدالله المنصوري

has been registered with SCE as follows :
Membership ID : 1090079
Classification: Engineering

تم تسجيله في الهيئة وفقا للبيانات التالية :
رقم العضوية : 1090079
التصنيف : هندسة

Specialization : Electrical Engineering

التخصص الرئيسي : الهندسة الكهربائية

Membership Start Date : 11/20/2024
Validity : 11/20/2026

تاريخ بداية العضوية : 11/20/2024
صلاحية التسجيل حتى : 11/20/2026

This letter is issued upon his request without
any liabilities towards the Council.

وقد أعطي هذا الخطاب بناء على طلبه وبدون أدنى مسؤولية
تجاه الهيئة.

Best regards,

وتقبلوا خالص تحياتنا ,

الامين العام



المكلف / مساعد بن عبدالله العتيبي

الرقم الموحد:

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