

AHEMD SHANDY

Giza, Egypt

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DOB: 25th of January 1996, 6 years of experience

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Professional Summary

Dedicated and detail-oriented Electrical Engineer with over 6 years of experience in estimation, procurement, and project management. Proficient in cost analysis, tender preparation, vendor coordination, and ensuring compliance with project specifications. Skilled in utilizing advanced tools such as AutoCAD, ETAP, and DiaLux to deliver optimized electrical solutions for commercial, residential, and industrial projects. Looking to leverage my expertise to contribute to challenging and innovative projects while driving cost-effective solutions.

EXPERIENCE

JUN 2024 – PRESENT

Electrical Estimation Engineer, ORASCOM CONSTRUCTION



Job Description: -

- Assessed labor, material, and time costs for various projects, ensuring accurate and feasible estimates.
- Calculated materials, manpower, and labor costs, preparing comprehensive cost summaries covering all aspects of project costing.
- Prepared and submitted technical and commercial bids, ensuring compliance with tender requirements for diverse projects, including high-rise buildings, industrial facilities, and hospitals.
- Reviewed tender documents such as Scope of Work (SOW), BOQs, and design criteria to ensure accuracy and alignment with client requirements.
- Prepare and send RFQs with supporting documents to suppliers, follow-up to get complied quotations
- Coordinated with the MEP estimation team to cover all project requirements, including electrical and low-current systems.
- Conducted vendor evaluations, negotiated pricing, and secured competitive supplier agreements.
- Analyzed project specifications and provided cost control advice to project management teams.
- Utilized software tools to prepare detailed, well-documented cost estimates, maintaining updated records of estimated and actual costs.

JUN 2023 – JUN 2024

Electrical Estimation Engineer, HASSAN ALLAM CONSTRUCTION



Job Description: -

- Analyzing Project documents for determining scope of work, material standards and contact client with any RFIs.
- Prepare and send RFQs with supporting documents to suppliers.
- Follow-up to get complied quotations.
- Preparation of technical & commercial proposals.
- Comparing different offers to get lowest offer technically approved and negotiating discounts with suppliers and subcontractors.
- Attending clarification meetings with clients when required.
- Be familiar with the general specifications and market requirements.
- Studying the risks and hazards within the activities and processes of the role and procedures practices and measures in place to mitigate the risks.
- Co-ordinating with other departments in obtaining specialist advice and input into the discipline related sections.
- Participating in handing over of the awarded projects to the technical office project team.

- Preparing cost summary elaborating all the key aspects of the costing (Basis).
- Ensuring all the tender requirements are fulfilled like bid bond, tender form, certificates & client's specific requirements
- Developing strong relationships with business stakeholders and strategic supply partners to improve business.
- Identifying areas for improvement to continually drive performance and business results.
- Reviewing and negotiating contracts with vendors and suppliers.
- Collaborating with key people to ensure clear communication of the specifications and expectations of the company.
- Preparing risk management for supply contracts and agreements

MAY 2021 – JUN 2023

Electrical Procurement Engineer, ROWAD MODERN ENGINEERING



Job Description: -

- Studying the project documents (SPECS, BOQ, DRAWINGS, and TIME SCHEDULE).
- Creating a Procurement plan (Sourcing Plan) based on the project time schedule.
- Preparing technical RFQ and sending it to the guaranteed vendors to perform the bidding.
- Following suppliers till receiving technical and financial offers.
- Preparing financial budget schedule as per project needs and cash flow status.
- Evaluating submitted quotations technically and financially and performing comparisons between vendors.
- Negotiating with the suppliers to achieve optimum cost that meets the target prices, and to achieve convenient terms and conditions of the order with reasonable prices.
- Attending technical meetings with the vendors and making the coordination between all related work with the vendors. Also attending project update meetings to present status updates.
- Making purchasing orders and Letters of intent.
- Preparing Material submittals and samples as per project specifications and sending them to the consultant.
- Following up and attending meetings with consultants to secure approval of submittals.
- Coordinating with the finance Dep. to release the payments and follow up the payment cycle to ensure accurate payment for suppliers on time.
- Managing supplier relationships to meet targeted project milestones and turn-up dates.
- Supporting in variation order estimation by providing quantities and cost of added materials

Projects: -

- Suez steel pumping station and RO planet.
- MIVIDA-Pkg #189 Admin P31B (EPC Project)
- Ora Z Phase 1B and phase 2.
- Marissa Projects
- DP World Sokhna Phase 2
- Abou Shahab Sewage Network & Pump Station

FEB 2021 – MAY 2021

Electrical Site Engineer, DARKO CONSTRUCTION S.A.E

project location: - National Cancer Institute

Job Description: -

- Revising of all Electrical works at all building with the Sub-Contractor (EXCEL – AutoCAD).
- Supervising installation and operation for all systems and viewing the works by the consultant.
- Supervising the installation of Power Cable, lighting, and all electrical works from the ceiling stage to the trial and the operation stage
- Supervising the installation of light current systems that Contains: -
 - CCTV System
 - Fire alarm System
 - Public address
 - Clock System
 - Data & TELE.
 - Nurse Call System
- Supervising the completion of infrastructure works.
- Revision of all the invoices with the consultant

EDUCATION

OCT 2014 – JUL 2019

BACHELOR'S DEGREE, Faculty of Engineering, Ain-Shams University (ASU)

- Department: Electrical Power and Machines.
- Overall Grade: Very Good 80% (With Honors).
- Graduation project: - Cost Estimation and Design of interior wiring and network distribution in large housing complex with grade: Excellent.

Items covered in the project: -

- Lighting & power circuits design with AutoCAD and DiaLux
- C.B and Cable sizing
- Voltage drop & SC calculations.
- Voltage unbalances check
- Load estimation
- BOQ and pricing breakdown

TRAININGS & COURSES

- Training at CRC DORRA Group. Jul 2019 – Aug 2019
 - Intensive technical sessions covered (Planning and cost control, QA and QC, and Procurement) including a site visit.
- Electrical LV Distribution Network at ISI Academy. Aug 2018 – Jan 2019

Including: -

 - Load estimation and Network calculations.
 - Lighting and power system design.
 - Street lighting.
 - ETAP, DiaLux, and AutoCAD software.
 - Complete electrical distribution (lighting and power) design for a hospital.
- Training at South Cairo Company for Electrical Distribution. Jul 2017 – Aug 2017
 - Intensive technical sessions covered (Transformers, Protection, Meters, OHTL, LV, PV operating) including a visit to EL-Maadi network station.
- Training at North Cairo for Electrical Distribution. Jul 2016 – Aug 2016
 - Intensive technical sessions at Networks and visits to some LV substations

COMPUTER SKILLS

- DiaLux evo
- AutoCAD
- ETAP
- Calculux for Street lighting.
- Microsoft office (Word, Excel, PPT, Access & Outlook)
- Unifier System