

Sally Abdallah Mahmoud Fouad

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Professional Summary

Results-Oriented Experienced Electrical Power Engineer with Over 15 Years Of Expertise In Electrical Distribution Systems, Tender Analysis, Equipment Specifications, FAT Testing, Power Factor Correction, Sales Engineering, And Technical Procurement. Proven Track Record in Both Governmental And Private Sectors Including Utilities, Contracting ,Cement and Industrial Sectors. Combining Strong Technical and Managerial Skills.

Key Achievements

- ❖ **Tested, Supervised, and Approved Hundreds of MV/LV Electrical Equipment for Large-Scale Utility and Infrastructure Projects, Coordinating with Manufacturers and Clients Ensuring Full Compliance with EEHC Standards.**
- ❖ **Member of EEHC Specifications Committee Responsible for Developing & Updating More Than 100 National Electrical Material Standards (EEHC Distribution Materials Specifications EDMS).**
- ❖ **Improved Network Efficiency By Supporting Power Factor Correction Projects Achieving Millions of Pounds Cost Savings for Customers By Reducing Penalties & Enhancing Overall System Stability .**
- ❖ **Enhanced Procurement & Supply Chain Decisions by Integrating Technical Evaluation with Cost Analysis Resulting in Better Vendor Performance.**
- ❖ **Completed a Diploma in Business Administration Building Solid Knowledge in Management Principles and Enhancing Overall Leadership and Communications Skills.**
- ❖ **Completed Online Electrical Design Courses (Lighting System Design By Using Dialux & Dialux EVO, Power System Design (Sockets & Mechanical Loads), Panel Schedules ,SLD To Enhance My Technical Background.**
- ❖ **Software & Tools :-Use of AutoCAD, REVIT, DIALUX EVO,SAP, MS Office Applications.**

Languages Skills

- ❖ **Fluent in Written and Spoken Arabic and English with Basic Knowledge of French**

Career Objective

Seeking a Challenging Position in Reputable Company Where I Can Utilize My Expertise in Electrical Power Distribution , Tendering & Procurement to Contribute to Large -Scale Energy Projects.

Education

- ❖ **Diploma of Education ,Business Administration and Management**
- ❖ Faculty of Business – Ain Shams University
- ❖ **Graduation Year: 2024 ● Graduation Score(94.5%) Excellent**
- Fields Of Study:-**
 - Financial management and Funding ● Strategic Planning ● Human Resources (HR) ● Procurement ● Negotiation
 - Commercial Law
- ❖ **B.Sc. Electrical Engineering & Machines Department**
- ❖ Faculty of Engineering – Cairo University
- ❖ **Graduation Year: 2010 ● Graduation Score(72.21%) Good**
- ❖ **Graduation Project :"** Electrical Distribution Works for a Housing Area "**Score: Excellent**
- ❖ **Main Items (Study of Load Characteristics- Load Estimation-Sizing & Location of Distribution Transformers- Design of LV and MV Distribution Networks-Design of Internal Wiring "Branch Circuits", Distribution Boards , and Risers for all Types of Buildings-Outdoor and Indoor Lighting-Protection Systems-Cost Estimation and Bills of Quantities).**

Work Experience

North Cairo Electricity Distribution Company "NCEDC" Subsidiary Of EEHC "Egyptian Electricity Holding Company"

Technical Planning Sector "Research & Development Department" (Mar 2021-Till Now)

Job Title :- Senior Electrical Engineer

Key Contributions:-

- ❖ Tested & Supervised Hundreds of Electrical Distribution Equipment Units (Distribution Transformers-Pillars MDB/LV Panels-Kiosks-Cables) According to EEHC Standards, Improving Network Reliability.
- ❖ Conducted **FAT** Inspections at Leading Manufacturers Identifying Deviations and Preventing Costly Equipment Failures
- ❖ Led Tender Specification Preparation and Bid Evaluation Ensuring Fair Competition and Selecting Technically Compliant and Cost Effective Suppliers.
- ❖ **Member Of Specifications Committee "Egyptian Electricity Holding Company" Contributing in Development & Updating More Than 100 National Specifications" EDMS" EEHC Distribution Materials Specifications.**
- ❖ Successfully Reviewed and Approved Shop Drawings for Multiple Distribution Projects Modifying Non Compliant Items and Ensuring Full Compliance with EEHC Standards.
- ❖ Conducted Over 200 Technical Studies and Tender Analysis for MV/LV equipment (Transformers ,Cables, RMU, MDB /LV Panels ,Pillars, Switchgears & LV- M.V Kiosks, etc.). Ensuring Full Compliance with EEHC Specifications & Optimizing Vendor Selection.

Load Planning & Power Factor Correction Department (Jul 2019-Mar 2021)

Job Title :- Electrical Engineer

Key Contributions:-

- ❖ Performed Power Factor and Harmonics Measurements Using Power Analyzers to Ensure Customer's Power Factor Were Within Accepted Limits \geq 92%.
- ❖ Issued Technical Reports with Recommendations for Required Capacitor Panel Ratings or Maintenance Actions to Prevent Power Factor Penalties.
- ❖ Supplied and Installed 10.4 MVAR Capacitor Panels into Egyptian Network in 2021 /2022 for Major Customers (Water & Wastewater Company – Al Nahda, Al Berka, Kobry 3 Substations), **Achieving Significant Cost Savings of 5 Millions EGP Paid Annually By Eliminating Power Factor Penalties.**
- ❖ Led On-Site Supervision and Coordinated with Technicians and Contractors to Ensure Smooth Installation, Commissioning and Problem-Solving of Capacitor Bank Projects.

HAMCO for Building Materials (Aug 2018-Jul 2019)

⇒ HAMCO Specialized in the Field of Building Materials in Egypt, The Company Has a Wide Range of Products of Raw Materials as Hydrated Lime, Quick Lime, Calcium Carbonate and Talc Powder

Job Title :- Senior Tendering & Sales Engineer

Key Contributions:-

- ❖ Analyzed Tenders and RFQs, Prepared Quotations and Tender Documents, and Provided Technical Support for All Customer Inquiries and Clarifications Related to Tender and Offer Submittals.

ASCOM Carbonates and Chemicals "Subsidiary Of ASCOM Company for Mining" (Jul 2017-Aug 2018)

Job Title :-Procurement Engineer

Key Contributions:-

- ❖ Analyzed Supplier's Quotations and Negotiated with Them in Order to Select the Most Suitable Suppliers Who are Able to Deliver High Quality Products at Competitive Pricing .
- ❖ Issued Purchase Orders for Different Factory's Maintenance Spare Parts .
- ❖ Responsible for Purchasing Factory's Maintenance Spare Parts (Mechanical & Electrical), Safety & IT Items.

ASEC AUTOMATION (Mar 2015-Jun 2017)

⇒ **ASEC Automation** is **EPC** Company Specialized In Providing Project Engineering, Project Management, Commissioning, Start-Up and Maintenance Services ,Especially **Cement Industry** & Other Industries (Water & Waste Water - Petrochemicals- Fertilizers- Glass- Steel & Casting)

Job Title:-Procurement Engineer

Key Contributions:-

- ❖ Issued Inquiries and Purchase Orders to Suppliers According to the Received Purchase Requisitions from Technical Dept Ensuring Timely Procurement
- ❖ Made Evaluation Sheets to Classify Suppliers on the Basis Like Cost, Quality, Timely Delivery etc and Negotiated with Them Maximizing Benefits for the Company.
- ❖ Advised Company Staff, Suppliers, and Customers Regarding Equipment's Specifications and Alternatives to Avoid Any Delay In Material's Delivery.
- ❖ **Used SAP Software to Manage Procurement Process Efficiently.**

EGYTRAFO (S.A.E) "EGYTRAFO For Electrical Industries " (Nov 2013-Dec 2014)

⇒ **Egytrafo Group** Specialized in Producing Oil Transformers As Well As Dry Type Cast Resin Transformers in Addition to Nickel Cadmium Batteries

Job Title :-Tendering & Sales Engineer

Key Contributions:-

- ❖ Technical Study for The Tenders and Projects & Preparing Quotations and Technical Submittals.
- ❖ Negotiated with Client Regarding Prices & Contract Terms, to Meet Both Client and Company Needs.
- ❖ Achieved Batteries Sales 7 Millions EGP in 2014 with Increase 15 % Compared to 2013.
- ❖ Managed Project Execution from Planning to Delivery, Including Procurement, Shipments, Inspections, FAT, Customer Delivery and Ensuring Customer Satisfaction and Financial Closing.

DAMCO (S.A.E) "Design and Manufacturing of Capital Equipment Co" A Company Of aiBANK (May 2011-May 2013)

⇒ **DAMCO** is a General Contractor Company for Manufacturing of Capital Equipment,

Job Title :-Tendering Engineer

Key Contributions:-

- ❖ Analyzed Customer Documents, Tenders & RFQs from Both Technical Specifications & Commercial Points for New Projects Including Transformers ,RMUs, M.V Switch Gears & L.V Panels,

Trainings**North Cairo Electricity Distribution Company (Jul 2019-Sep 2019)**

- ❖ Completed "Engineers Introduction Training Program" Held By North Cairo Electricity Distribution Company : Score 93%
- ❖ Technical and Practical Applications on Different Power System Stages (Transmission, Distribution Substations, Protection, Automatic Control "SCADA SYSTEMS" & Transformers)

Courses

- ❖ **CSCP "Certified Supply Chain Professional" Course** **2017**
- ❖ **"Electrical Cables & Low Voltage Circuit Breaker Maintenance"** **2020**
From Training Center of North Cairo Electricity Distribution Company

Certificates

- Fundamentals Of Digital Transformation Certificate** **2024**
From Network & Information Technology Center Ain Shams university