

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience in Project Estimation, Project Design, Procurement, Cost Control & Budget Allocation, etc.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Currently Abu Dhabi, UAE

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2008

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Primavera
: AutoCAD / Autodesk Revit (MEP)
: Lighting calculations (Dialux, AGI-32 & Relux)

TRAINING COURSES AND CERTIFICATIONS

: Electricity Wiring Regulation Course (E1 Course), ECOMAN Centre, AD, UAE:
• LV Wiring Regulations and Standards of Abu Dhabi, based on BS 7671.
• Designing and installation of LV systems.
: H2S OPITO Course, ETSDC, UAE.
: Effective Planning & Scheduling Course, Cambridge Educational Centre, UAE:
• Knowledge about the planning methodologies.
• Practicing the Primavera P6.0 Program.
: Basic Fire Fighting Course, ETSDC, UAE: Basic Fire Classifications, Fire Equipment Classification, Fire Fighting Procedures, etc.
: Basic First Aid Course, ETSDC, UAE: Basic First Aid Procedures.

- : Tropical Basic Offshore Safety Induction and Emergency Training (TBOSIET), ETSDC, UAE:
 - Sea Survival Course.
 - Helicopter Crash Survival.
 - Fire Fighting.
 - First Aid.
 - Off-shore Safety Procedures.
- : SCADA Course, APECS Center, Cairo:
 - Experience with Windows control Center V6.
 - Experience with connecting the software with PLCs through OPC software.
- : PLC Course, APECS Center, Cairo:
 - Experience with installing and operating PLC devices.
 - Experience with programming the PLC Ladder Diagram.
- : MATLAB Course, Cairo University:
 - Experience with MATLAB V6.5.
 - Experience with Programming and SIMULINK applications.
- : Field Training at Cairo South Power Station (45 days in 2007):
 - Operation & Maintenance of steam power plant.
 - Operation & Maintenance of gas power plant.
 - Operation & Maintenance of combined cycle power plant.
 - Acquaintance with boilers, turbines, generators, circuit breakers, transformers and instruments.
 - Acquaintance with the station administration system.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Jun. 2011 till now
Employer	: Master Electrical & Mechanical Works, Abu Dhabi – UAE
Job title	: Project Engineer & Estimation Manager
Job Description	: • As Project Engineer: - Managing & monitoring project teams including Subcontractors. - Review all project and contract documents; define scope and list of deliverables. - Define projects critical paths, major construction stages, long lead items, stock holders, etc. - Perform & review Design works (Lighting Calculations, Loads Estimation, Power Distribution, etc.). - Achieving cost reduction of project expenses without affecting quality of work. - Review of Method Statement, review of JSA/Risk Assessments, etc. - Project Controls (Cost Control Sheets, Progress Sheets, etc.). - Preparation, Review and submission of Shop Drawings, IFC Drawings and As-Built. - Conduct Client Meetings to review the construction progress. - Site Progress follow up and supervision, Site installation supervision for major equipment and items.

- Attending FAT for different types of Materials / Equipment.
- Planning & supervision for critical work stages such as Shutdowns, Installation of Major Equipment, etc.
- Controlling and planning Company resources of manpower and equipment/machinery for all project sites.
- As Estimation Manager:
 - Review of all RFQs / Tenders announcement or invitations and bring it to attention of Top Management
 - Analyze each item of B.O.Q. into prime resources (material, equipment, manpower and sub-contract).
 - Coordination between different estimation disciplines (Civil, Mechanical, HVAC, Piping, etc.).
 - Attending pre-bids & post-bids site surveys and reporting to the Management / Client.
 - Developing concept designs, list of activities and defining the project resources.
 - Preparation of MTO sheets & sending enquiries / receive quotations from equipment/materials suppliers.
 - Calculate and prepare cost estimates of materials, labor and equipment.
 - Building and submission of sound Technical & Commercial proposals.

Dates : From Oct. 2009 till May 2011
Employer : ACTCO General Contracting Company, Abu Dhabi – UAE
Job title : Electrical Engineer / Estimation Engineer
Job Description :

- Preparation of Materials Take Off sheets for Projects & Tenders.
- Procurement of Materials for Project Sites.
- Cable Sizing Calculations, Load estimation, Lighting Calculations, etc.
- Design small power layouts, Prepare Load Schedules, Power Distribution Schemes, etc.

Dates : From Nov. 2008 till Sep. 2009
Employer : Optimum for Engineering & Trading Company
Project : El-Gabal El-Asfar Wastewater Treatment Plant, Cairo
Job title : Field Instruments & Control System Engineer
Job Description :

- Programming, maintenance and troubleshooting of SIEMENS SIMATIC S5 PLCs.
- Installation, start-up, calibration, maintenance and troubleshooting of field instruments.
- Checkout tests and troubleshooting required for electrical control circuits.

Major Executed Projects:

- EPC – Oil Spill Response Hub at DAS Island (Mar. 2017 – ongoing), Position: Project Manager.
- New Ruwais Office Buildings – Ruwais – EPC Project (Nov. 2013 – Dec. 2016), Position: Project Engineer.
- Construction of Multi-Purpose Hall at Ruwais Housing Complex (Jan. 2015 – Jan. 2016), Position: Project Engineer.

- Extension of Zirku Clinic – Zirku Island – EPC Project (Aug. 2013 – Jun. 2015), Position: Project Engineer.
- New Airport Building at Arzanah Island, EPC Project (Jul. 2013 – Apr. 2014), Position: Project Engineer.
- Replacement of Steel Buildings at Zirku Island – EPC Project (Feb. 2012 – Jan. 2014), Position: Electrical Engineer.
- Braka Nuclear Power Plant, Abu Dhabi (Infrastructure Works & Workers Villages) (Sep. 2010 – Apr. 2011), Position: Electrical Engineer.
- Abu Dhabi Aviation Residential Project (Construction of 60 Typical Villas including Amenities & Infrastructure Works), Abu Dhabi, UAE (Oct. 2009 – Jun. 2010), Position: Electrical Engineer.

Field of experience :

- Oil & Gas, Industrial, Commercial & Residential Projects – EPC Projects.
- Project Management & Leadership skills.
- Project Design, Procurement, cost control & budget allocation, etc.
- Fair background of Instrumentation & Control Systems.
- Abu Dhabi Distribution Company (ADDC) Licensed Electrical Engineer.