

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 23 years of experience in Project Management, Construction, Operation & Maintenance, Testing and Commissioning in Mega Projects as Generation Power Plants, Substations, Airports, ARAMCO in Egypt and Saudi Arabia.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2002

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Customized Project Management Professional, Tamayyaz (Nov. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2020 till now
Employer : Elwady Contracting Co. – Cairo
Projects :

- Sharm El-Sheikh City Council
- El-Minya Hospital University
- Typical buildings of the Investment Authority

Job title : Electrical Technical Office Manager
Job Description :

- Study the project documents including drawings, specifications, BOQ (Bill of Quantity), RFI (Request for information), correspondence...etc. to take into consideration all the project details during execution.
- Prepare RFIs and send them to the project consultant to obtain missing information and resolve all conflicts.
- Communicate with the consultant to obtain the approval and then share the workshop.

- Drawings with all the concerned parties in the site.
- Conduct estimated quantity survey to determine the quantity of material that need to be purchased or procured.
- Follow-up with the subcontractors all issues related to engineering.
- Follow up subcontractor's progress.
- Follow up shop drawing approval, material submittal approvals.
- Follow up the site installation in the interfaced areas in accordance with design (CSD, layout and potential clashes).

Dates	:	From Apr. 2007 till Jun. 2020
Employer	:	Arabian BEMCO Contracting Co.
Projects	:	• Riyadh PP9 Block C, Block D, and Block F, Riyadh – KSA • KAUST – ARAMCO, Jeddah – KSA • Gulf Cooperation Council - Interconnection Authority (GCCIA), El Khobar – KSA • Power Plant 10 (PP10), Riyadh – KSA • 110 / 13.8KV TEIAM S/S, Madinah – KSA • PNUFW (Princess Nora University), Riyadh – KSA • Service Building Project (Makkah Al Haram) - KSA • KAIA (King Abdulaziz International Airport), Jeddah - KSA
Job title	:	Operation & Maintenance Manager
Job Description	:	• Planning, monitoring and analyzing the activities during site commissioning and Maintenance stage. • Leading the Testing and commissioning team to achieve company goals and policies during commissioning stage. • Coaching T&C - Maintenance teams in all sites to professionally represent the company in customer premises Clarification and resolving of technical issues during testing / commissioning stage and Maintenance Stage. • Meeting with Clients, Consultant, Contractor to solve technical issues, Reviewing and coordination with other departments. • Carry out the standard site test for the following: – Switchgear (HV: 380, 220,132 & 66KV), (MV: 33, 22, 13.8 & 11KV) & (LV): ❖ Circuit Breaker, Disconnect Switch, Earthing Switch, Bus Bar, Current Transformer, Voltage Transformer & Surge arrestors. ❖ Testing of 132KV and 110KV GIS compartment and commissioning of LCC Panels, Control and Interlock of LCC. ❖ Experience & checking the conventional to complex schemes for protection systems. Testing of ABB, SIEMENS and Alstom Bus bar schematic Interface Engineer for Line differential schematic and Telecommunication cubicles. – Internal Wiring Check, DC Function Check , Auxiliary Relays (Tripping, Lockout, ...), Transducers, Transformer Differential Protection Relay, Generator Protection Relay, Over Current Protection Relay, Directional Over Current Protection Relay, Earth Fault Protection Relay, Over & Under Voltage Protection Relay, Over & Under Frequency Protection Relay, Restricted Earth Fault Protection Relay, Thermal Over Load Protection Relay, Synch

Check Protection Relay, CB Failure Protection Relay & Trip Circuit Supervision Protection Relay.

- Local Control Cabinet (LCC) in GIS and Conto panels: Internal Wiring Check, DC Function Check, Function Check (Locally) and remotely, Auxiliary Contactors, Transducers, Metering (Ammeters, Voltmeters, Wattmeter, Varmeter...).
- Metering and Transducer Panels: Internal Wiring Check, Metering (Ammeters, Voltmeters, Wattmeter, Varmeter...).
- General: Interfacing Check, Over All Interlocking Check, Bus Bar Protection Function Check, Bus Bar Protection Stability Test, Transformer Differential Stability Test, Restricted Earth Fault Stability Test, Sequence of Events Recorder (SER), Fault Recorder (FR), SCADA & DCS.

Dates : From Feb. 2005 till Mar. 2007

Employer : EGEMAC

Projects : Successfully accomplished the following projects (66/11KV SS) in Egypt:

- Elbdrashin
- North Sohag
- El-Zagazig
- El-Zagazig Extension
- 10th of Ramadan (8)
- Sidi Salem
- El-Raas El-Souda
- El-Nahas
- East of Aswan
- El-Obour

Job title : Lead Testing & Commissioning Engineer

Job Description :

- Testing of 66KV and 220KV HV Substations compartment and commissioning of LCC Panels, Control and Interlock of LCC – (Factory and site tests).
- Experience & checking the conventional to complex schemes for protection systems.
- Testing of ABB, SIEMENS and Alstom Bus bar schematic Interface Engineer for Line differential schematic and Telecommunication cubicles.
- Expert with Different Testing Universe, (FREJA300, OMICRON, MEGGER, ODEN, CPC100, C.T Analyzer & AC HV tester).
- Preparing Switching Procedure for different interlocks and Switchgears.

Dates : From Aug. 2003 till Jan. 2005

Employer : Protect Co.

Project : El-Obour 1 & 2 (66/11KV SS)

Job title : Senior Testing & Commissioning Engineer

Job Description :

- Managing tests of CT's, VT's, CB's, Relays and Power meters and site tests for control and protection cubicles of 66KV S/S and 11KV, 22KV Switchgears.
- Testing of Different H.V Equipment's (Circuit Breakers, CT's, VT's, DS's, ES's, Cables).

Dates : From Sep. 2002 till Jul. 2003
Employer : Radisson Sas Al-Quseir Resort
Job title : Site Electrical Engineer

Field of experience :

- Planning, Directing and Coordinating activities of designated projects to ensure that the goals and objectives of the project are accomplished within the prescribed timeframe and funding requirements.
- Prepare the procedure and perform the stability and overall scheme check for the project.

Key Skills:

- Project Management, O&M in Mega Projects.
- Testing & Commissioning of HV & EHV Substations.
- High Voltage testing of MV Cables, Busbars and Generator Bus Ducts.