

Holds B. Sc. and M. Sc. in Electrical Power Engineering and a Post-Graduation Diploma in Control of Electrical Power Systems. Has over 20 years experience, including 13 years working in construction, design, testing, commissioning and project management at substations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/11/1977
Gender : Male
Marital Status : Married
Residence : Currently Rwanda

EDUCATION

- : B. Sc. in Electrical Power Engineering, Helwan University, 2003
- : Post-Graduation Diploma: Control of Electrical Power Systems (2005-2006)
- : M. Sc. in Electrical Power Engineering (Electrical Power Quality Problems Detection and Mitigation for Industrial Loads), 2013

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : AutoCAD 2D
- : Basic Fundamentals in PLC and PC Assembly and Maintenance

TRAINING COURSES AND CERTIFICATIONS

- : PMP certified, PMI (Oct. 2023).
- : Online "Udemy" ISO 14001: 2015 Environmental Management System (2022).
- : Online "Udemy" ISO 45001: Occupational Health and Safety Management System (2022).
- : Risk Management at American Chamber of commerce in Egypt, 2016.
- : Email Management for Business at American Chamber of commerce in Egypt, 2016.
- : Battery Testing, Egytrafo Factory, 2012.

- : Underground Cables Maintenance (1 week), South Cairo Electricity Distribution Co. Training Center, 2009.
- : Underground Cables Fault Location Detection (1 week), South Cairo Electricity Distribution Co. Training Center, 2009.
- : Medium Voltage Network and Distribution Panels Operation (1 week), South Cairo Electricity Distribution Co. Training Center, 2008.
- : Elec. Systems Protection (1 week), South Cairo Electricity Distribution Co. Training Center, 2008.
- : Elec. Distribution Transformers (1 week), South Cairo Electricity Distribution Co. Training Center, 2008.
- : Preparing Fresh Engineers (4 weeks), South Cairo Electricity Distribution Co. Training Center, 2007.
- : Site Health and Safety (1 week), South Cairo Electricity Distribution Co. Training Center, 2007.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2010 till now
- Employer** : Shaker Consultancy Group
- Job title** : Project Manager
- Job Description** :
- Project Manager – Consultancy Services related to the Supervision of EPC for Static VAR Compensator and Substation Automation System on 220KV Substations (Shango and Rwabusoro) (SVC) (Rwanda):
Project Manager of high voltage substation and Electrical Power Transmission and Distribution with following responsibility and not limited to:
 - Project initiation and kick-off meeting.
 - Requirement identification.
 - Stakeholder management and ensure customer satisfaction.
 - Project Scope management.
 - Cost management.
 - Project Schedule development and management.
 - Risk management.
 - Project Quality management.
 - Project artifacts control.
 - Procurement Control.
 - Team management.
 - Project closeout and handover.
 - Project Manager – CONTRACT No. PA/001/13/HQ/C/014 for Provision of Consultancy Services for 220KV Geita-Bulyanhulu OHTL, associated 220KV stations project and Rural Electrification for villages in Geita Districts (Tanzania):
 - Project initiation, check list and kick-off meeting.
 - Manage the electrification package.
 - Project document controls.
 - Brainstorm and review lessons has been learned from previous projects with project team.
 - Project control to be in line with time schedule.
 - Substation Automation System installation and coordination.

- Risk management.
- Project close out.
- Project Manager – CONTRACT No. PA/001/2019-20/HQ/C/10 PROVISION OF consultancy services for management and supervision in design, supply, installation, testing and commissioning of 220KV morogoro makutupora transmission line project for electrification of standard gauge railway (sgr) line including bay extensions at msamvu and zuzu grid substations (Tanzania):
 - Project initiation, check list and kick-off meeting.
 - Manage the electrification package.
 - Project document controls.
 - Brainstorm and review lessons has been learned from previous projects with project team.
 - Project control to be in line with time schedule.
 - Substation Automation System installation and coordination.
 - Risk management.
 - Project close out.
- Assistant Project Manager – Mirama-Nsongezi-Kikagati 132KV OHTL and associated substations Project (Uganda):
 - Facilitate prequalification meeting.
 - Facilitate project kick-off meeting.
 - Preparation of electro-mechanical specification of the substation equipment.
- Assistant Project Manager – Industrial park substations project (four 132/33KV Substation and interconnection OHTLs) (Uganda):
 - Facilitate prequalification meeting.
 - Facilitate project kick-off meeting.
 - Preparation of electro-mechanical specification of the substation equipment.
- Project Manager – Egyptian Refinery Co. “ERC” 2X85 MVA, 66/33KV, GIS Substation (Egypt):
 - Project consultant and management on behalf owner’s side.
 - Follow up with the main and sub-contractor to achieve the project time schedule.
 - Follow up with designer to achieve substation specifications for all equipment design.
 - Give the necessary instructions to contractors during weekly progress meeting at site to achieve the different project phases according to project time schedule.
 - Project closeout.
- Project Manager – West El-Shorouk 3x175MVA, 220/22/22KV, GIS substation (Egypt):
 - Project consultant and management on behalf owner’s side.
 - Follow up with the main and sub-contractor to achieve the project time schedule.
 - Follow up with designer to achieve substation specifications for all equipment design.
 - Give the necessary instructions to contractors during weekly progress meeting at site to achieve the different project

- phases according to project time schedule.
- Project closeout.
- Senior HV Substations Engineer – El-Gammal 220/22KV 2x75MVA GIS substation (Egypt):
 - Attend construction phase kick-off meeting.
 - Supervision of construction, testing and commissioning of the substation electro-mechanical works.
 - Monitor the Contractor’s electro-mechanical works schedule, review and approve schedule updates.
 - Review and approval of contractor’s method statement.
 - Review and approve the contractor’s quality program and monitor adherence thereto.
 - Supervision of electro-mechanical works construction.
 - Maintain records of tests and inspections made and other actions to verify quality of the work and conformance with the Contract documents.
 - Respond to requests for information raised by the Contractor.
 - Supervise and report the receipt of material at site.
 - Issue site instructions to the Contractor when necessary regarding quality of works.
 - Recommend solutions for any technical problem that may arise during the construction of the project.
 - Draw the Project Manager attention to any event having any cost or time impact.
 - Assess Contractor claims and provide recommendations to the Project Manager.
 - Identify during pre-commissioning inspections all deficiencies in the works, produce punch lists, enforce corrections to be made by contractor and check the remedial work.
 - SCADA system installation, testing and commissioning.
 - Supervision of site testing and commissioning.
- Senior HV Substations Engineer – Banha 750MW Power Plant, 220KV GIS switchgear (Egypt):
 - Attend construction phase kick-off meeting.
 - Supervision of construction, testing and commissioning of the substation electro-mechanical works.
 - Monitor the Contractor’s electro-mechanical works schedule, review and approve schedule updates.
 - Review and approval of contractor’s method statement.
 - Review and approve the contractor’s quality program and monitor adherence thereto.
 - Supervision of electro-mechanical works construction.
 - Maintain records of tests and inspections made and other actions to verify quality of the work and conformance with the Contract documents.
 - Respond to requests for information raised by the Contractor.
 - Supervise and report the receipt of material at site.
 - Issue site instructions to the Contractor when necessary regarding quality of works.

- Recommend solutions for any technical problem that may arise during the construction of the project.
- Draw the Project Manager attention to any event having any cost or time impact.
- Assess Contractor claims and provide recommendations to the Project Manager.
- Identify during pre-commissioning inspections all deficiencies in the works, produce punch lists, enforce corrections to be made by contractor and check the remedial work.
- SCADA system installation, testing and commissioning.
- Supervision of site testing and commissioning.
- Senior HV Substations Engineer – Giza North Combined Cycle 1500MW Power Plant, 500KV & 220KV switchyard, 2x750MVA single phase 500/220KV GIS substation (Egypt):
 - Attend construction phase kick-off meeting.
 - Supervision of construction, testing and commissioning of the substation electro-mechanical works.
 - Monitor the Contractor’s electro-mechanical works schedule, review and approve schedule updates.
 - Review and approval of contractor’s method statement.
 - Review and approve the contractor’s quality program and monitor adherence thereto.
 - Supervision of electro-mechanical works construction.
 - Maintain records of tests and inspections made and other actions to verify quality of the work and conformance with the Contract documents.
 - Respond to requests for information raised by the Contractor.
 - Supervise and report the receipt of material at site.
 - Issue site instructions to the Contractor when necessary regarding quality of works.
 - Recommend solutions for any technical problem that may arise during the construction of the project.
 - Draw the Project Manager attention to any event having any cost or time impact.
 - Assess Contractor claims and provide recommendations to the Project Manager.
 - Identify during pre-commissioning inspections all deficiencies in the works, produce punch lists, enforce corrections to be made by contractor and check the remedial work.
 - SCADA system installation, testing and commissioning.
 - Supervision of site testing and commissioning.
- Senior HV Substations Engineer – El-Shabab 8x125MW Gas Turbine Power Plant (step up trans.) (Egypt):
 - Attend construction phase kick-off meeting.
 - Supervision of construction, testing and commissioning of the substation electro-mechanical works.
 - Monitor the Contractor’s electro-mechanical works schedule, review and approve schedule updates.
 - Review and approval of contractor’s method statement.

- Review and approve the contractor's quality program and monitor adherence thereto.
- Supervision of electro-mechanical works construction.
- Maintain records of tests and inspections made and other actions to verify quality of the work and conformance with the Contract documents.
- Respond to requests for information raised by the Contractor.
- Supervise and report the receipt of material at site.
- Issue site instructions to the Contractor when necessary regarding quality of works.
- Recommend solutions for any technical problem that may arise during the construction of the project.
- Draw the Project Manager attention to any event having any cost or time impact.
- Assess Contractor claims and provide recommendations to the Project Manager.
- Identify during pre-commissioning inspections all deficiencies in the works, produce punch lists, enforce corrections to be made by contractor and check the remedial work.
- SCADA system installation, testing and commissioning.
- Supervision of site testing and commissioning.
- Senior HV Substations Engineer – El-Fenoon Academy 3x40MVA 66/11KV GIS substation (Egypt):
 - Attend construction phase kick-off meeting.
 - Supervision of construction, testing and commissioning of the substation electro-mechanical works.
 - Monitor the Contractor's electro-mechanical works schedule, review and approve schedule updates.
 - Review and approval of contractor's method statement.
 - Review and approve the contractor's quality program and monitor adherence thereto.
 - Supervision of electro-mechanical works construction.
 - Maintain records of tests and inspections made and other actions to verify quality of the work and conformance with the Contract documents.
 - Respond to requests for information raised by the Contractor.
 - Supervise and report the receipt of material at site.
 - Issue site instructions to the Contractor when necessary regarding quality of works.
 - Recommend solutions for any technical problem that may arise during the construction of the project.
 - Draw the Project Manager attention to any event having any cost or time impact.
 - Assess Contractor claims and provide recommendations to the Project Manager.
 - Identify during pre-commissioning inspections all deficiencies in the works, produce punch lists, enforce corrections to be made by contractor and check the remedial work.
 - SCADA system installation, testing and commissioning.

- Supervision of site testing and commissioning.

Dates : From Dec. 2006 till Aug. 2010
Employer : South Cairo Electricity Distribution Co.
Job title : Electrical Distribution Engineer
Job Description : MV Electrical network operation and dispatch control center (southern area).

Dates : From Sep. 2005 till Dec. 2006
Employer : Ministry of Youth and Sport
Projects :

- El-Maasara Youth Center Project LV networks
- El-Walda Youth Center Project LV networks

Job title : Electrical Engineer
Job Description :

- Preparation of technical specifications of LV networks tenders.
- Supervision of installation, site testing and commissioning.

Dates : From Apr. 2004 till Sep. 2005
Employer : BICC Egypt Electrical (LV power and control cables manufacturer)
Job title : Electrical Maintenance Engineer
Job Description : Electromechanical maintenance.

Dates : From Oct. 2003 till Mar. 2004
Employer : International Cassette and Tape Manufacturer (I.C.T)
Job title : Electrical Maintenance Engineer
Job Description : Electromechanical maintenance.