

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 19 years experience in EHV & HV projects management, testing and commissioning of relays, protection, control & interlock schemes and troubleshooting.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/03/1981
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2003

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : Certified PMP from PMI (Apr. 2017).
- : In Jan. 2014 made an inspection for generator spare part with Siemens in Germany.
- : Training by AREVA (Indonesia) (Apr. 2010):
 - Transformer Protection.
 - Main Power Transformer and Auxiliaries.
 - Auxiliary Power Transformer and Auxiliaries.
- : Trainings (Mar. 2010):
 - Operation and maintenance for MV switchgears (type RoNex), MV circuit breakers (type LF), LV switchgears, LV circuit breakers.
 - MV & LV switchgears protection devices configuration, characteristics, protection function, measurement and metering.
 - Transformer classification, concept, types and routine tests.
 - Complete cycle of erect low voltage transformer by Alemaco.
- : Cathodic Protection System (by Toshiba) (Mar. 2010).

- : Siemens training course for maintenance, operation, erection and installation in three fields (GIS (type 8DQ1-1 500KV)), by SIEMENS AG & SIEMENS LTD (Sep./Oct. 2008):
 - General explanations, technical data, substation description.
 - Modules of a switchgear bay.
 - SF6 gas system.
 - Checks – alarms – causes – remedial measures.
 - Manual operations.
 - Precautions and warnings.
 - Principles of maintenance, evacuating, filling and emptying gas compartments, flanged joints and practical exercises.
- : Power Station steam unit electrical protection course (Nov. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2019 till Mar. 2022
- Employer** : Green Energy Consultancy Company
- Project** : Construction of Satellite 132/11KV S/S
Each substation 07 Bays 110KV GIS, 3 Power Transformers 35/50 MVA, 3 Earthing Transformers, 71 Panels 11KV, 6 capacitor bank, 1 shunt reactor, Protection, Control, Civil & Mechanical MEP Works.
- Job title** : Consultant Project Manager
- Job Description** :
- Preparing consultant tender documents.
 - Preparing contractor tender documents and awarding contractor contract.
 - Managing and control contractor performance to perform the work as per Dewa specification and achieve developer satisfactions.
 - Supervising overall process of documents design review with both sides Dewa & contractor.
 - Managing the project team design and site supervision activities.
 - Reviewing the baseline schedule for the project & follow up actual progress versus planned one.
 - Escalating critical issues and areas of concern to top management from the developer side.
 - Regular interaction with client to meet their requirements and build a good relation for future business.
 - Preparing, reviewing detailed and summarized project progress reports.
 - Responsible for ensuring best value is obtained for the project.
 - Including supplier base, use of internal and external resources.
 - Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work an Dewa technical specification.
 - Make sure that safety first for all project resources (persons, equipment, documents, correspondence, offices, ...).
 - Follow up procurements, factory acceptance tests & FAT approval in order to issue dispatch clearance and safe receipt certificates.
 - Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
 - Testing and commissioning follow up and control till completion of the project in March 2022.

- Review and approve contractor extension of time in coordination with client.
- Close out the snag points with Dewa.
- Handing over the project to end user.

Dates : From Jun. 2020 till Jul. 2021

Employer : Green Energy Consultancy Company

Project : Construction of Keranola 132/11KV S/S
Each substation 07 Bays 110KV GIS, 3 Power Transformers 35/50 MVA, 3 Earthing Transformers, 71 Panels 11KV, 6 capacitor bank, 1 shunt reactor, Protection, Control, Civil & Mechanical MEP Works.

Job title : Consultant Project Manager

Job Description :

- Managing and control contractor performance to perform the work as per Dewa specification and achieve developer satisfactions.
- Supervising overall process of documents design review with both sides Dewa & contractor.
- Managing the project team design and site supervision activities.
- Reviewing the baseline schedule for the project & follow up actual progress versus planned one.
- Escalating critical issues and areas of concern to top management from the developer side.
- Regular interaction with client to meet their requirements and build a good relation for future business.
- Preparing, reviewing detailed and summarized project progress reports.
- Responsible for ensuring best value is obtained for the project.
- Including supplier base, use of internal and external resources.
- Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work and Dewa technical specification.
- Make sure that safety first for all project resources (persons, equipment, documents, correspondence, offices, ...).
- Follow up procurements, factory acceptance tests & FAT approval in order to issue dispatch clearance and safe receipt certificates.
- Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
- Testing and commissioning follow up and control till completion of the project in March 2022.
- Review and approve contractor extension of time in coordination with client.
- Close out the snag points with Dewa.
- Handing over the project to end user.

Dates : From Aug. 2019 till Jun. 2020

Employer : Green Energy Consultancy Company

Project : Construction of Views and Horizon 132/11KV S/S
Each substation 07 Bays 110KV GIS, 3 Power Transformers 35/50 MVA, 3 Earthing Transformers, 71 Panels 11KV, 6 capacitor bank, 1 shunt reactor, Protection, Control, Civil & Mechanical MEP Works.

Job title : Consultant Project Manager

- Job Description** :
- Preparing consultant tender documents.
 - Preparing contractor tender documents and awarding contractor contract.
 - Managing and control contractor performance to perform the work as per Dewa specification and achieve developer satisfactions.
 - Supervising overall process of documents design review with both sides Dewa & contractor.
 - Managing the project team design and site supervision activities.
 - Reviewing the baseline schedule for the project & follow up actual progress versus planned one.
 - Escalating critical issues and areas of concern to top management from the developer side.
 - Regular interaction with client to meet their requirements and build a good relation for future business.
 - Preparing, reviewing detailed and summarized project progress reports.
 - Responsible for ensuring best value is obtained for the project.
 - Including supplier base, use of internal and external resources.
 - Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work and Dewa technical specification.
 - Make sure that safety first for all project resources (persons, equipment, documents, correspondence, offices, ...).
 - Follow up procurements, factory acceptance tests & FAT approval in order to issue dispatch clearance and safe receipt certificates.
 - Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
- Dates** : From Nov. 2014 till May 2017
- Employer** : Saudi Electricity Company
- Project** : CONSTRUCTION OF NEW Al-Mashaar 380/110/13.8KV BSP
6 diameter 380KV with four future diameters, four 502MVA 380/110/13.8KV Auto transformer, 30 bays 110KV, three 67MVA 110/13.8KV transformers, 48 panel 13.8KV switchgear and two 2.5 MVA 13.8/400V auxiliary transformers, Protection, Control, SAS, communication system, Civil & Mechanical Work.
- Job title** : Consultant Project Manager
- Job Description** :
- Constructing of Almashaar 380KV s/s in Makkah Saudi Arabia for feeding reinforce the Electricity demand in Haram area.
 - Perform Kick off meeting with all concerned stakeholders from client side (SEC) and contractor side.
 - Assign and approve the contractor project organization chart with client SEC.
 - Approve all project subcontractors with client SEC.
 - Safety first for all project (persons, equipment, documents, correspondence, offices, ...) we Successfully perform 5- star system in the project and dedicated QA/QC engineers from both contractor and client side to facilitate the 5-Stars measures into department/division works with all management team and site team.
 - Reviewing base and detail design document assuring its compliance with tender drawings, SEC standards and scope of work with concerned SEC internal department.

- Supervising overall process of documents design review with both sides i.e. contractor & client.
- Reviewing master time schedule for the project & follow up actual progress versus planned one.
- Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work and company's technical specification.
- Coordinating between client i.e. SEC and site supervision engineers.
- Solving disputed technical & contractual issues between site consultants & contractor.
- Evaluating submitted technical deviations in light of scope of work & SEC standard.
- Handling all official correspondences for MSHR 380KV project.
- Coordinating between SEC EHV project department and other SEC departments i.e. protection, telecom, planning, etc.
- Follow up procurements, factory acceptance tests & FAT approval in order to issue shipment release.
- Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
- Representing SEC in all interface meetings with contractors & other departments.
- Follow up with our consultant team and contractor site to till completion of energization and closing the punch points.
- Review and approve all project spare part and special tools, review all MRR forms (material return request).
- Follow up with contractor till finishing all as built drawing and handing over of all spare part and special tools.

Dates	:	From Jan. 2017 till Jul. 2018
Employer	:	Saudi Electricity Company
Project	:	CONSTRUCTION of Makkah North 380/110/33KV S/S 04 Diameter 380KV GIS, 30 Bays 110KV GIS, 3 Power Transformers 502MVA, 3 Power Transformers 50/67 MVA, 2 Auxiliary Transformers 2MVA, 51 Panels 13.8KV, Protection, Control, Civil & Mechanical Works.
Job title	:	Consultant Project Manager
Job Description	:	<ul style="list-style-type: none"> • Supervising overall process of documents design review with both sides i.e. contractor & client. • Reviewing base and detail design document assuring its compliance with tender drawings, SEC standards and scope of work with concerned SEC internal department • Reviewing master time schedule for the project & follow up actual progress versus planned one. • Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work and company's technical specification. • Safety first for all project (persons, equipment, documents, correspondence, offices, ...) we Successfully perform 5- star system in the project and dedicated QA/QC engineers from both contractor and client side to facilitate the 5-Stars measures into department/division works with all management team and site team. • Coordinating between client i.e. SEC and site supervision engineers.

- Solving disputed technical & contractual issues between site consultants & contractor.
- Evaluating submitted technical deviations in light of scope of work & SEC standard.
- Handling all official correspondences for MSHR 380KV project.
- Coordinating between SEC EHV project department and other SEC departments i.e. protection, telecom, planning, etc.
- Follow up procurements, factory acceptance tests & FAT approval in order to issue shipment release.
- Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
- Representing SEC in all interface meetings with contractors & other departments.
- Follow up with our consultant team and contractor site to till completion of energization and closing the punch points.
- Follow up with contractor till finishing all as built drawing and handing over of all spare part and special tools.

Dates	:	From Dec. 2015 till May 2017
Employer	:	Saudi Electricity Company
Project	:	CONSTRUCTION of Khulais Expansion 380/110/33KV S/S AIS 1 Power Transformer 250MVA, 1 AIS Bay 380KV, 8 AIS Bays 110KV, Protection, Control & SCADA, and all associated Civil & Mechanical Work.
Job title	:	Consultant Project Manager
Job Description	:	<ul style="list-style-type: none"> • Assign and approve the contractor project organization chart with client SEC. • Approve all project subcontractors with client SEC. • Reviewing base and detail design document assuring its compliance with tender drawings, SEC standards and scope of work with concerned SEC internal department. • Supervising overall process of documents design review with both sides i.e. contractor & client. • Reviewing master time schedule for the project & follow up actual progress versus planned one. • Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work and company's technical specification. • Safety first for all project (persons, equipment, documents, correspondence, offices, ...) we Successfully perform 5- star system in the project and dedicated QA/QC engineers from both contractor and client side to facilitate the 5-Stars measures into department/division works with all management team and site team. • Coordinating between client i.e. SEC and site supervision engineers. • Solving disputed technical & contractual issues between site consultants & contractor. • Evaluating submitted technical deviations in light of scope of work & SEC standard. • Handling all official correspondences for MSHR 380KV project. • Coordinating between SEC EHV project department and other SEC departments i.e. protection, telecom, planning, etc. • Follow up procurements, factory acceptance tests & FAT approval in

order to issue shipment release.

- Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
- Representing SEC in all interface meetings with contractors & other departments.
- Follow up with our consultant team and contractor site to till completion of energization and closing the punch points.
- Follow up with contractor till finishing all as built drawing and handing over of all spare part and special tools.

Dates : From Nov. 2014 till Apr. 2016

Employer : Saudi Electricity Company

Projects : Reinforcement of Taif 380KV (existing s/s), Sawamalla
Taif: 04 Diameter 380KV GIS, 30 Bays 110KV GIS, 3 Power Transformers 502 MVA, 3 Power Transformers 50/67 MVA, 2 Auxiliary Transformers 2MVA, 51 Panels 13.8KV, Protection, Control, Civil & Mechanical Works.
Sawamalla: 2 Transformers 60 MVA, new 13.8KV SWGR, replacement of RTU.

Job title : Consultant Project Manager

Job Description :

- Approve all project subcontractors with coordination client SEC.
- Reviewing base and detail design document assuring its compliance with tender drawings, SEC standards and scope of work with concerned SEC internal department.
- Supervising overall process of documents design review with both sides i.e. contractor & client.
- Reviewing master time schedule for the project & follow up actual progress versus planned one.
- Settling disputed technical issues between the contractor's designers & design reviewers in light of scope of work and company's technical specification.
- Coordinating between client i.e. SEC and site supervision engineers.
- Solving disputed technical & contractual issues between site consultants & contractor.
- Evaluating submitted technical deviations in light of scope of work & SEC standard.
- Handling all official correspondences for MSHR 380KV project.
- Coordinating between SEC EHV project department and other SEC departments i.e. protection, telecom, planning.
- Follow up procurements, factory acceptance tests & FAT approval in order to issue shipment release.
- Monitoring all project activities through site consultants in order to maintain project completion within contractual time frames.
- Representing SEC in all interface meetings with contractors & other departments.
- Follow up with consultant team and contractor site to till completion of energization and closing the punch points.

Dates : From Dec. 2006 till Nov. 2014

Employer : West Delta Production Company

Project : Sidi Krir Power Plant

- Job title** : Group Leader of HV T&C – Maintenance team
- Job Description** :
- Sidi Krir Steam Power Plant:
 - Executing the periodic Testing and maintenance of 8 Bays 220KV Gas Insulated Switchgear Substation.
 - Executing the periodic Testing and maintenance of 2 x 395 MVA 220/21KV, 2 x 32 MVA 220/21/6.3KV and 2 x 32 MVA 21/6.3KV power transformers by performing of Turns Ratio test, winding D.C resistance test, insulation, Dielectric test (Tan delta), Fans tests and all mechanical devices tests), All tests are performed by OMICRON (CPC100-TD1).
 - Transformers Insulating oil tests (Dissolved gas analysis by GE Kerman TRANSPORT X*portable DGA -Tan delta-dielectric breakdown voltage -moisture content - Acidity- Interfacial tension-viscosity-specific gravity).
 - Responsible, Assistant, participant and coordinate in all erection, maintenance, and installation work of 220KV SF6 defective Circuit Breaker along with all commission test (timing, contact resistance, HV test and SF6 gas tests).
 - Executing the periodic Testing and maintenance of the protective relays of power transformer.
 - Testing of 220KV Protection Relays Feeders and Bus Bar differential, Breaker Failure, Distance relays SEL 21 & MICRO MHO.
 - Executing the periodic Testing and maintenance of 2x320MW generators by checking the excitation system, brushes and AVR system.
 - Executing the periodic Testing and maintenance.
 - All GIS SF6 test (percentage, moisture test and decomposition test).
 - Executing the periodic Testing and maintenance of 6.3KV Switchgear numerical protection relays.
 - Executing the periodic Testing and maintenance of motors (110, 220, 380, 6300KV).
 - Testing of GE medium voltage vacuum circuit breaker (6.6KV).
 - Lightning system inside and outside the power plant.
 - Fixing and replace the low voltage motor winding.
 - Responsible, Assistant, participant and coordinate in all erection, maintenance, and installation work of 220KV SF6 defective one phase of the current transformer along with all commission test (timing, contact resistance, HV test and SF6 gas tests).
 - In January 2014 I visited the factory of Siemens in Germany as project manager for the inspection of 320MW generator spare part.
 - Construction of Sidi Krir CAPP:
 - Testing and commissioning of 7 Diameter 500KV type 8DQ1-1 500KV SIEMENS Substation.
 - Testing and commissioning of 3 x 300 MVA 500/21KV transformer, 2 x 32 MVA 21/6.3KV power transformers by performing of Turns Ratio test, winding D.C resistance test, insulation, Dielectric test (Tan delta), Fans tests and all mechanical devices tests) All tests are performed by OMICRON (CPC100-TD1).
 - Transformers Insulating oil tests (Dissolved gas analysis by GE Kerman TRANSPORT X*portable DGA -Tan delta- dielectric breakdown voltage -moisture content - Acidity- Interfacial tension-

viscosity-specific gravity).

- Executing the periodic Testing and maintenance of the protective relays of power transformer.
- Testing and commissioning of 2 x 500 MVA 500/220KV Auto transformer three single phase.
- All GIS SF6 test (percentage, moisture test and decomposition test).

Dates : From Jun. 2003 till Dec. 2006
Employer : Amreya Spinning & Weaving
Job title : Testing, Commissioning & Maintenance Engineer
Job Description :

- Executing the periodic Testing and maintenance of the protective relays of 25 MVA 66/6.3KV transformers and MV incomer feeders.
- Executing the periodic Testing and maintenance of 6.3KV load central C.B's, relays testing, interlocking and scheme.
- Maintain and test all s/s motors (400, 220, 110 v).