

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 15 years' experience working in project management in the field of power transmission, distribution and generation in the Middle East.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/10/1985
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2010
: DIGSI (Siemens), MICOM (AREVA) & PCM 600 (ABB)

TRAINING COURSES AND CERTIFICATIONS

: 380KV 502 MVA Power Transformers training Course by HYOSUNG CORPORATION.
: SAS Theoretical training Course by SEL (Schweitzer Engineering Laboratories).
: NG Safety Rules, Qualification & Authorization Course conducted by Saudi Electricity Company.
: Integrated Transformers & Generators Maintenance Courses (Electric Training Management – Ayoun Moussa Power Station).
: Theoretical & Application for AC Machines Courses (Electric Training Management – Ayoun Moussa Power Station).
: Integrated Boilers Maintenance Course (Electric Training Management – Ayoun Moussa Power Station).
: Industrial Safety (Electric Training Management – Ayoun Moussa Power Station).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Mar. 2023 till now
Employer : SE PDC - WOA, Jeddah, KSA
Project : Construction of New 110/13.8KV HAMDANIYAH S/S project & Installation of its 110KV UGC under Reinforcement program for BIG Cities (Jeddah):

- Portion-I: New 110/13.8KV HAMDANIYAH S/S project (Nesma Energy).
- Portion-II: Installation of 110KV UGC for new 110/13.8KV HAMDANIYAH S/S (Riyadh Cables).

Job title : Projects Manager
Job Description : Leading the project team, establishing the project execution approach and overseeing projects hand-over, execution, planning and monitoring and controlling activities for both internal and external resources to accomplish all project goals.

Dates : From Sep. 2022 till now
Employer : SE PDC - WOA, Jeddah, KSA
Project : Construction of ABHOUR (ABH) 380/110/13.8KV BSP (Portion-I, II & III) – Jeddah:

- Portion-I: Material Procurement of 380KV GIS, HGIS and 110KV GIS (Manufacturer: Hitachi Energy).
- Portion-II: Material Procurement of 380KV, 500 MVA Auto Transformers, 110KV, 50/67 MVA Transformers and 380KV Bus reactors (Manufacturer: Hyundai Electric & Energy Systems – Korea).
- Portion-III: Construction of BSP & Micro tunnel “Deep Circular tunnel” (BSP Contractor: Al Ojaimi).

Job title : Senior Projects Engineer

Dates : From Oct. 2019 till Aug. 2022
Employer : SE PDC - WOA, Jeddah, KSA
Projects :

- Construction of Al Buhairah 380/132/13.8KV BSP project in TABUK City (NWA) and shifting of the Two (2) Line connected reactors from Tabuk 380KV BSP to Al Buhairah 380KV BSP
- Construction of 380/110/13.8KV HUNYAN BSP project – Makkah

Job title : Senior Projects Engineer
Job Description :

- Responsible for the co-ordination and control of the project from the design stage, through to completion and the handover of the project to the client.
- Day to day management of operations on site, ensuring that the project is brought to a successful completion and meets the required time, budget and quality constraints.
- Regular monitoring and liaison with the Project Manager on the Master Program/Schedule and development of stage/section programs as required.
- Deal with all correspondences with contractor/consultant, attend meetings and follow up for implementation of all decisions.
- Coordinate all activities including final inspections for all project phases covering design, civil works, procurement, installation, testing and commissioning, energization, close-out of punch list and successful

handover of the project.

- Liaise with the Project Manager to ensure adequate labor and sub-contractor resources are available on site utilizing the agreed agency list/approved list.
- Follow up with design team for required approved drawings at each stage & manage the preparation of all submittals required under the contract and follow up with the contractor / different SEC divisions for handover submittals / releasing approvals on specific time.
- Build, lead, supervise and motivate the project team ensuring achievement of all project objectives.
- Plan, monitor and control all project activities ensuring smooth and effective execution to achieve milestones as well as follow all SEC standards.
- Supervise overall resource planning, mobilization and allocation of resources within the local organization ensuring optimized utilization.
- Supervise the preparation and implementation of project schedules and cost control systems and conduct periodic reviews to address variances and improve performance.
- Work proactively to meet customer expectations to achieve smooth project progress, acceptance of project deliveries and release on time payments even in a challenging environment.
- Monitor and ensure adherence to the project specific terms and conditions of contracts and identify, assess and implement plans to mitigate negative impact of risks on performance and margins.

Dates	:	From Mar. 2017 till Sep. 2019
Employer	:	SEC - EHVPD - WOA, Jeddah, KSA
Projects	:	Construction of 380/110/13.8KV NEW AL-KHUZAM BSP and Interconnecting of 380/110KV KHALIDYA with 110KV Network – Jeddah
Job title	:	SEC Site Manager & Electrical / Protection Consultant
Job Description	:	<ul style="list-style-type: none">• Manage all site work activities and coordinates with SEC Consultants, main contractor & subcontractor.• Making safety inspections that ensuring site construction safety & ensure safety requirements according to SEC 5 STAR.• Checking and preparing site reports, designs and drawings (RMI, RFI, NCRs, Site Instructions,, etc.).• Liaising with client and reporting progress and daily work.• Make sure that the deadline for completing work is met, and share of the responsibility if someone one at site has an accident or problem.• Monitoring site progress, oversee delivery of materials and carry out safety checks and sort out any problems which could hold up work as they arise.• Keep in close contact with members of site team at all times, and liaise with Project Manager, design team, engineers, supervisors and planners.• Ensure that work complies approved scope of work (SOW)/project technical scope (PTS) with all appendices as well as SEC Standard requirements, technical specifications and approved design/Dwgs.• Supervised planning and execution of project activities.• Manage weekly site meetings for all disciplines and site progress with consultants & main contractor.

- Submit weekly reports to SEC PM for all site progress.
- Supervised installation, testing and commissioning of all electrical equipment like 380KV GIS, 110KV GIS, power transformers, 34.5KV/13.8KV MV switchgear, AC/DC supply and battery chargers, protection panels and SAS.
- Review and initial accredit all contractor progress invoices for material, installation & testing categories.
- Technical discussion for any required modifications above OPDS with CSD & PED representatives.
- Follow up all testing activities with CSD representatives & testing agency.
- Checking and evaluating MOS, testing procedures & test formats before proceeding to any testing.

Dates : From Jun. 2016 till Mar. 2017

Employer : KADI Trading & Contracting Co., Jeddah, KSA

Projects :

- 132/13.8KV TABUK #12 S/S at Tabuk
- 132/33KV BIR BIN HERMAS S/S at Tabuk
- 110/13.8KV Al Azizyah S/S at Al Madinah Al Munwarah

Job title : Site Manager & Technical Support Engineer

Job Description :

- Supervised construction of substations with substation automation system (SAS).
- Monitored and controlled all site activities from civil construction phase through installation of all equipment and testing up to successful energization of the substation.
- Co-ordinate with Quality control personnel for all Electrical activities to ensure the Quality assurance.
- Installation of all electrical equipment – GIS and other switchgear, power transformers, AC/DC systems, battery chargers, MCC, protection panels, control panel & SAS in substation.
- Installation of lightning system, Installation of all EHV, HV, MV, LV power cables, and control cables inside the substation and from substation to load side.
- Installation of cable tray and support inside the substation and load side.
- Installation and testing of grounding system.

Dates : From Oct. 2013 till May 2016

Employer : DAR Engineering, Jeddah, KSA

Projects : 380KV, 132KV and 110KV existing and new substations: 380/110/13.8KV Madinah Center BSP, 380/110/33/13.8KV Madinah Industrial City, 380/110/13.8KV AL SALAM BSP, 380/110/33/13.8KV Madinah East, 380/33KV HHR-5 BSP, 380/110/33KV HHR-6 BSP, 380/110/13.8/33KV Umlujj North BSP, 380/110/33/13.8KV Madain BSP, 380/13.8KV PS-2 BSP, 132/13.8KV AL Wajh SS, 110/13.8KV Al Baydaa-2 SS, 110/13.8KV Uhod, 110/13.8KV Al Barakah, 110/13.8KV Tiyaam-2, 110/13.8KV KEC-1, 110/13.8KV KEC-2, 110/13.8KV ICY Madinah, 110/33KV Khyber, 110/13.8KV Al Baydaa-II, 110/13.8KV MPS, 110/13.8KV Yanbu North-2

Job title : CSD Engineer – WOA

Job Description :

- Managed power system and protection engineering for extra high voltage and high voltage substations for SEC-WOA.

- Dealt with all aspects of testing and commissioning of substation equipment including transformers, protection systems, SAS and power supplies as per project requirements and applicable national and international codes and standards.
- Monitoring and follow up all testing processes related to 380, 132, 110KV GIS of Areva, ABB, Hyundai and Siemens make, 34.5/13.8KV MV switchgear siemens, ABB, Alfanar and Schneider makes, operation and functional tests of LCC panels, interlocks for breakers, disconnectors and earth switches, scheme checks, breaker timing tests, gas leakage tests, purity tests, insulation and high potential tests.
- Performed testing and commissioning for all types of numerical and static protection relays, function and scheme tests of control and relay panels of EHV substation projects.
- Testing and commissioning of power transformer, station services transformer, dry and grounding transformer, surge arrester, capacitor voltage transformer (CCVT), CT, VT and associated circuits, auto recloser and manual synchro scheme check, annunciator panel, SOE alarms, SCADA inputs.
- High voltage tests for GIS & Cables and Stability test for transformers and BBs up to 380KV for EHV SSs.
- Successfully managed termination of interface cables as per SEC Standard & approved cable schedule.
- Conducted design review of protection scheme and SAS ensuring conformity to specifications and verified SCADA, SOE points and SAS.

Dates : From Aug. 2009 till Oct. 2013
Employer : Egyptian East Delta Electricity Production Company
Project : Ayoun Moussa Thermal Power Station Plant 2x320MW & 500KV and 220KV GIS
Job title : Electrical Testing & Protection Engineer
Job Description :

- Performed testing and commissioning for all types of numerical and static protection relays equipped for generator, Transformer, 6.3KV motors & OHTL up to 500KV.
- Operation and Maintenance of 500KV GIS & 220KV GIS Switchyard, Tie Transformers 500/220/12KV (500MVA), 6.3KV and 400 v Switchgears & Maintenance of 6.3KV AC Motors.
- Event Recorders, Fault Recorders, DC system (Batteries, Battery Charger & UPS).
- Trouble-shooting of the faults in the protection and control wiring of the system.

Dates : From Aug. 2008 till Aug. 2009
Employer : Ameron Egypt Factory for Concrete Cylinder Pipes
Job title : Electrical Maintenance Engineer
Job Description :

- Schedule and undertake periodic maintenance on all electrical equipment, components and installation.
- Troubleshoot and provide prompt response to inquiries whenever there is a machine breakdown, and resolve the issue as quickly as possible and provide preventive maintenance services.
- Ensure that equipments are in good working order so as to prevent disruption of activities.

- Recommend replacement for old or faulty electrical components or fittings to the management.
- Assist in forecasting requirements, creating a budget and scheduling expenses for the electrical department.
- Keep record of all stock and supplies, including company's electrical equipment.
- Installation of fresh electrical components and fittings.
- Working in collaboration with the production team to formulate the best cost-effective manufacturing process.

- Field of experience :**
- Across my career I have worked in projects for construction of extra high voltage and high voltage substations in Saudi Arabia. As a senior project engineer, I have extensive experience in all aspects of project planning and scheduling, resource planning and optimization, project engineering, construction supervision, cost, and progress management, quality and safety management, risk mitigation and commercial matters. By developing and implementing effective strategies and plans, budgeting and controlling costs, collaborating with clients, consultants, main contractors and subcontractors and leading teams I have been consistently successful in delivering results exceeding expectations of company.
 - I have sound technical expertise covering substation equipment like transformers, gas insulated switchgear, MV switchgear, AC/DC power supplies, protection systems, substation automation systems covering design coordination, procurement, installation, testing and commissioning as per project specifications and applicable national and international codes and standards.
 - EXECUTIVE PROFILE:
 - Extensive experience with reputable organizations in the Middle East in construction, installation, testing and commissioning of equipment, substation automation systems and protection systems for extra high voltage and high voltage substations.
 - Comprehensive technical expertise, commercial acumen and project management competencies enabling management of assignments ensuring on time, within budget deliveries meeting scope, quality and safety objectives.
 - Deft in collaborating with internal and external stakeholders and leading multinational professional teams eliciting superior performances.
 - KEY SKILLS:
 - Project Management.
 - Electrical Engineering.
 - Electrical Substation Projects.
 - Project Engineering.
 - Project Planning and Scheduling.
 - Resource Management.
 - Technical Deliverables.
 - Testing and Commissioning.
 - Performance Management.
 - Client/Consultant Relations.
 - Teamwork and Leadership.