

Holds a B. Sc. in Electrical Power & Control Engineering and has over 11 years hands-on experience in handling site activities involving erection, testing and commissioning of 132, 220, 380KV GIS Turnkey Substations, 66/22KV AIS Substations, Power Plant (Gas & Thermal & Combined Cycle and PV Solar Plants) inside Egypt state and overseas (GCC Area, Africa).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/08/1986
Gender : Male
Marital Status : Married
Residence : Mansoura

EDUCATION

: B. Sc. in Electrical Power & Control Engineering, Mansoura University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: MS Project
: LABVIEW programming
: Dialux 4.3
: Introduction C#

TRAINING COURSES AND CERTIFICATIONS

: 220KV GIS training (Hyosung product line, Korea).
: Schneider Electric protection training program MICOM relays.
: ADDC competent certified.
: Two days professional training course PM at HHI, Korea.
: Four weeks training in PLCI, Venezuela, "communication system" F.O/DPLC/PABX.
: Two days professional training of SIEMENS Transformer Differential Protection 7UT6, Line Protection and substation Automation in Lahore.

- : Two weeks training in HHI 500KV Grid Station Giza North.
- : PLC Siemens S7 200 course, Salesian Institute "Don Bosco".
- : Microprocessor & Microcontroller (Z80 – 8051) course, Mansoura University.
- : Distribution System including Fire Alarm System, Mansoura University.
- : SCADA technology and its applications, Mansoura University.
- : Trainings at:
 - Egypt Air Company (Cairo Airport) (from May till Aug. 2004).
 - Cairo South Power Station Training Center (Jul./Aug. 2005).
 - Metro Tunnels Maintenance and Operation System (Jul. 2006).
 - Cairo Oil Refining Company (Sep. 2006).
 - Talkha Power Station "GIS & 750MW" (Sep./Oct. 2006).
- : ICDL, UNISCO.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2019 till Dec. 2019
- Employer** : METKA-EGN
- Project** : ADAM 5.5 MWp PV Solar Plant (BESS) - Off Grid System (Hybrid Plant), Tunisia
- Job title** : Project Site Manager
- Job Description** : Successful Completion of 5MW PV Solar Plant (Battery Energy Storage System), Alumil Structure product Line and PV Module Jinko Solar Product Line, Inverter Transformers BEST Turkish Product Line, according below major core responsibilities:
- Creating and reviewing the construction schedule.
 - Monitoring and overseeing civil, structural, mechanical and electrical works.
 - Ensuring photovoltaic projects is built according to plans created and submitted as well as to their standards and reviewing the Quality plan.
 - Cross functional co-ordination with Engineering, Project management, Supply Chain, Logistics, Quality, and all support functions as needed.
 - Reviewing plans and procedures periodically and institute changes if necessary.
 - Building, fostering and maintain a collaborative work environment between the Subcontractors and the Site Management Team.
 - Identifying, sourcing and qualifying subcontractors and suppliers for the project.
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- Dates** : From Aug. 2018 till Apr. 2019
- Employer** : Larsen & Toubro Construction Transmission and Distribution
- Project** : EPC-Turn Key Project (500/220KV GIS Substations), Egypt
- Job title** : Construction Manager
- Job Description** :
 - Successful completion of 2 Extension Bays 500KV Double Bus Bar Double Breakers.
 - Erection of 7 Bays 220KV GIS (2 OHTL, 1 Coupler, 2 TR Bays, 2 UGC Bays) and installation of 7 three single phase Transformers.
 - Supervising all MEP and Civil works in line with IFC drawings and Specs.

- Successful erection and testing of Earthing/grounding system as per IFC & standards.
- Good time record in connection/testing of Substation with existing remote end.
- Achieving cable pulling & terminations milestones in line with approved schedule.
- Time record in Punch list clearance and handing over the substation to client.
- Additionally my core responsibilities as a Project Construction Manager is to:
 - Support the Project Manager by directing subcontractors to ensure timely and quality completion of contracted work and Evaluate & negotiate sub-contractors prices.
 - Review daily subcontractor construction reports and act as necessary.
 - Identify and solve problem to maintain the project schedule and project budget.
 - Ensure work conforms to contracted statement of work, project plans and specifications.
 - Create and manage job schedules with the Project Manager to include baseline development and Prepare daily activities report, cost loading, schedule status.
 - Supervise inspection; testing, commissioning and final punch out in accordance with commissioning and quality control plan.
 - Prepare the quality plans and checklists for the project.
 - Plan and direct site mobilization activities and Generate the project schedule and daily progress reports.
 - Set the daily targets for the subcontractors.
 - Analyze the progress and prepare action plans accordingly.
 - Prepare the resources and machinery plans and Control the cost of the project.
 - Manage day to day activities and controlling the progress.

Dates : From Jan. 2018 till Aug. 2018

Employer : El Sewedy Electric

Project : Aswan-Benban (FIT) Program 100MW PV Solar Plant
EPC of 2x50MW PV Plant turnkey and O&M Project, Inverter Station (ABB), Single axial tracker (Next tracker), 325 MWP Double glass PV module (Trina Solar).

Job title : Project Construction Manager

Job Description :

- Ensure the Projects are executed in full compliance with the PPA or as agreed with the off taker, the O&M Agreement, the EPC agreement, including review/preparation of Covenant List and Risk Matrix in coordination with the Contracts Manager where required, Oversee the required Permits are obtained on due time, Responsible for managing in daily basis all on-site activities for the construction supervision (Electromechanical, civil, HSE, QA/QC, ...etc.).
- Supervise Ramming, Pull out tests, Torque Tubes, panel rails and module installations.
- Identify, evaluate, resolve or escalate, and record all construction

issues/problems and review the status of materials delivery, tracking, distribution.

- Oversee and monitor all resources (materials, manpower, IFC DWG's) required for project completion and coordinate with the O.E for updating master DWG's list and material tracking sheet and manpower histogram.
- Coordinate with the Owner's Engineer, the EPC Contractor and the Quality Manager in order to facilitate the implementation of the Quality Plan (Oversee and Monitor) as well as tracking of Facility management company.
- Successful implementation of all HSEQ and Quality management as per standards.
- Site Mobilizations and initial civil activities (Roads, Sub-Roads, Fencing, UG Tanks) readiness.
- Devise the method of statement for Ramming, mechanical and electrical work and supporting the safety officer with risk assessment.
- Excellent time and quality record in achieving Site Leveling and Grading activities as well as pile marking till ramming activities and pull out tests as planned in approved time schedule and relevant milestones.
- Method of Statement generation/Review and approval till receiving IFC (Civil & Electromechanical).
- Material tracking and Document log updating through Engineering Dept. (Matrix Organization).
- Manpower controlling and updating manpower histogram with Planning Department.
- Project Control tools monitoring (Daily, Bi-weekly and monthly reports) as well as Look ahead plans.
- Recovery plan issuance and resources (Monitoring) implementations.
- Lenders audits and successful implementation of Zero Harms (Tolerances) in HSE and HSEQ.
- Good records in FAT supervision/witness for all pre-fabricated equipment and accredited punch list and clearance methodology as per approved milestone.
- Participate with the Project Manager in construction meetings with Project stakeholders' and FMC (Facility Management Contractor).

Dates	:	From Mar. 2017 till Jan. 2018
Employer	:	El Sewedy Electric for Transmission & Distribution (EETD Gulf Sector)
Project	:	EPC-Turn Key Four Project (66/22KV AIS Indoor Substations B&D PJT's) (AIS and MV Switchgear Product Line: ABB 40 MVA Power Transformers)
Job title	:	Project Manager
Job Description	:	<ul style="list-style-type: none">• Lead the project team, establish the project execution approach.• Manage project budget to ensure that the project financials are accurate as it pertains to revenue, cost and income forecasts.• Checking drawings, BOQ ensuring that calculations are accurate and within budget.• Facilitates testing & commissioning team for smooth running of the Project.• To implement policies, establish procedure and expedite work flow.• Maintain standards of safety and comply with Company's HSE Policy.• Quality planning, monitoring and follow-up during engineering, procurement.

- Coordination with engineering department to implement the technical lesson learned points during engineering and design stage to avoid the same in forth coming.
- Ensure that all materials used and work performed are in accordance with the Specifications & the selection and requisition of materials.
- Agree a price for materials and make cost-effective solutions and proposals.
- Manage, monitor and interpret contract design documents supplied by Client.
- Monitor the progress of the project and make adjustments as necessary to ensure the successful completion of the project.

Dates	:	From Mar. 2016 till Mar. 2017
Employer	:	El Sewedy Electric for Transmission & Distribution (EETD Gulf Sector)
Project	:	EPC-Turn Key Project (132/11KV GIS 2 Nos. Substation) (GIS Product Line: M/S Iljin Electric, Korea)
Job title	:	Project Site Manager
Job Description	:	<ul style="list-style-type: none"> • Site planning: Plan project on-site activities with Project Manager including necessary local resources, equipment and milestones. • Coordinate agreement between customer and external resources on construction targets, health and safety requirements, site organization and policy. • Build up project schedule per contracted completion date, tracking the project in depth to schedule deliverable, and review the work progress on daily basis. • Planning the resource in a cost-effective manner for site vs. schedule such as system engineer, secondary system testing & commissioning, GIS; Power transformer. • Site coordination and monitoring: Responsible, from receiving the assigned site area from the customer or Project Manager to handing over to the end customer on completion day, for coordinating all on-site activities to ensure the successful execution of start-up, construction, erection, testing and commissioning activities in alignment with contract specification, quality standards, schedule, HSE requirements. • Oversee and direct construction project from equipment deliver to completion, Manage site construction/installation cost within contract budget. • Oversee all on-site construction, installation, testing; commissioning to monitor compliance with project specifications and safety regulations. • Coordinate and direct site engineers, site supervisors, and all subcontractors. • Stakeholder relations: Serve as a project representative by building and maintaining effective relationships with customers as well as other local organizations such as authorities and suppliers to ensure their active field support. • Health, safety and environment (HSE) and project security: Ensure detailed and up-to-date construction Health & Safety (H&S) plan is in place in respect of each work package, compliant with the EETD H&S plan. • Analyze, manage and mitigate site risks, Site QA and project safety management.

- Ensure all on-site resources are properly trained on company health, safety and environment policy and proactively promotes health and safety considerations to project partners throughout the project. Empowered to suspend any activities on site (be it by EETD personnel or by subcontractors) in case of EHS violation and, if a situation arises, takes the necessary steps to ensure that EETD employees & other persons who may be present are not put at risk.
- Sub-contractors: Manage the sub-contractors on site hired by EETD to ensure necessary quality and progress achieved to meet delivery date and agreed standard.
- Site cost management: Control project cost for the project site work, monitor actual spends against forecasts, and estimate final cost for the same.

Dates	:	From Nov. 2014 till Mar. 2016
Employer	:	ALSTOM Grid
Project	:	New West Damietta Simple Cycle Power Plant 500MW / 220KV GIS Substation with Remote-End-Substations (Fast Track Project)
Job title	:	Site Manager
Job Description	:	<ul style="list-style-type: none"> • Responsible for management of site execution as per design within the cost, time and quality for 220KV GIS turnkey substations with two Far End Substations. • Preparation of method of statement for equipment's and systems erections. • Complete Erection & Commissioning of all MEP works. • Verify that the procedures for construction work, progress measurements are correctly implemented and the subcontractors are performing the work and mobilizing the resources according to the needs of construction schedule. • Providing the weekly and monthly construction reports accomplished by look ahead. • Erection & commissioning till start-up of 220KV GIS S/S (One and half C.B) 4 Bays. • In charge of Outdoor equipment's installation and Testing (C.S.E & CCVT & LT & S.A and Gantry Towers accomplished with slack span conductor 405 mm sq. AAAC). • Installation of DC System (Battery + Chargers). • Installation and Testing of Communication system + Tele-protection. • Installation of whole Protection system (Main 1, 2 & back up) and General Alarm. • Installation of Substation Automation System (SAS) & OWS/EWS and DFR. • Follow up all civil progress and construction Power facilities. • Supervise erection of Small power, lighting, fire alarm, firefighting, Smoke detector and infrastructure erection. • Installation of Earthing (Main grid/pigtails "Primary" + secondary Earthing). • Installation of Lightning protection system. • Handling all contractual issues (P.O & V.O and change notes). • Tracking all materials under custom clearance/Duties. • Coordination with NECC and dispatch for setting approval and shutdown

program.

- Prepare internal and external reports pertaining to site status.
- Plan ahead to prevent problems and resolve any emerging ones.
- Evaluate and report on milestone achievement and any deviation thereof.
- Coordinate local accommodation, site facilities, office equipment, petty cash, etc.
- Ensure that the project follows execution best practices and Alstom policies.

Dates : From Apr. 2014 till Nov. 2014
Employer : Hyundai Heavy Industries Ltd. Korea
Project : 380/132/11KV GIS Substations (Sabah Al-Ahmed "Z" Substation)
Job title : Sales Manager / Engineering Support (Kuwait Branch Office, Kuwait City)
Job Description :

- Tracking Kuwait Market for MEW Substation & Rotating machines Tenders.
- Sell products and systems to customers, focusing on volume, mix and profitability targets for Substations Product Line and market forecasting.
- Establish and maintain effective customer relationships to understand customer needs, promote customer understanding of full product offering.
- Ensure a positive customer experience throughout the sales process.
- Participate with other HHI's sales organizations to build pipeline for Substation.
- Apply for HHI product lines PQ (Pre-Qualifications) with KNPC and KOC.

Dates : From Dec. 2011 till Apr. 2014
Employer : Hyundai Heavy Industries Ltd. Korea
Project : GIS Substation West Damietta 500MW Simple Cycle Power Plant (220KV GIS Substation and Remote End S/S's)
Job title : Site Construction Manager
Job Description :

- Erecting of 220KV and related Remote End S/S's.
- Progress Reporting and Planning of site activities (MS Project).
- Review and submission of Design documents for approval & follow up with approval procedures for sub suppliers/subcontractors in coordination with project engineers.
- Recording the flaws, the backlogs in primary engineering design for Electrical, MEP and Civil and correspondence with engineering departments with viable solutions for implementation and preventative considerations in the future project design.
- Coordinate with sub-contractors regarding site activities and progress monitoring.
- To direct and monitor all resources & personnel activities within engineering area including manpower forecasting, staff assignments and performance.
- To determine appropriate codes, regulations and requirements for the team work.
- Preparation of guidelines for substation equipment installation at sites according to manufacturer instructions and standards.
- Site Preparation for testing and commissioning of the Electrical, MEP

works, Protection and HVAC system in coordination with respective engineers and sections as per testing & commissioning schedules and accredited ITP.

Dates : From Dec. 2010 till Dec. 2011
Employer : Kharafi National for Mechanical Electrical Works SAE
Project : Damietta Simple Cycle Power Plant (500MW GAS TURBINE Project)
Job title : Electrical Project Engineer
Job Description :

- Successful completion of 220KV GIS, Hyosung product line.
- Pulling and Termination of 220KV Cables from Main Transformer to GIS.
- Installation of all GIS Outdoor equipment's including steel structures.
- Installation of 10 Ton Double Girder Heavy Duty Overhead Crane.
- Handling all related works after Energization (Punch list) clearance and warranty period.

Dates : From Dec. 2008 till Dec. 2010
Employer : Misr Company for Mechanical and Electrical Projects (KAHROMIKA)
Project : El-Tebbin Thermal Power Plant 2x350MW (CP-117 & 106), 500KV GIS Substation
Job title : Electrical Site Engineer
Job Description :

- Supervise installation of 500KV GIS Substation, Erection for M.V Switchgear.
- Installation of Main & Auxiliary transformers and isolated phase bus duct (IPBD).

Dates : Nov./Dec. 2008
Employer : Arab Cables Co. (El Sewedy)
Job title : Test Engineer (Quality Control Department)
Job Description :

- Electrical test for:
 - Low Voltage Cables.
 - Medium Voltage Cables.
 - High Voltage and Extra High Voltage Cables.
- Very good background in IEC Standards.

Employer : Engineering Enterprises Co. (EEC)
Job title : Quality Control Engineer
Job Description : Quality control for telecommunications network towers.

Field of experience :

- Electrical Senior Project Engineer with a solid site & project management experience.
- More than 11 years of experience in handling site activities involving erection, testing and commissioning of 132, 220, 380KV GIS Turnkey Substations, 66/22KV AIS Substations with high Quality QC/QA Background, Power Plant (Gas & Thermal & Combined Cycle and PV Solar Plants) inside Egypt state and overseas (GCC Area, Africa) with Civil basic background.
- 1 year experience in Sales and Business Development (Stakeholders Relationships), Contract claim management & warranty claims and Risk

Management Plan.

- Executed a wide scale PV Solar plants up to 100MW and BESS with a scale of 5MW PV Solar.
- Key Skills: Project Management, Construction, Site Management, EPC Turnkey Projects, Stakeholders agreements, Risk management, Risk Mitigation, Substations, GIS, AIS, Hybrid Substations, HVDC, Power Plants, PV Solar Energy, Energy Management, Administrative, Claim, Change Management, Communication Skills, Contract Close Up, Business Development, LOTO (Log Out/Tag Out), Team Leader, Working Under Pressure, Offshore, Onshore, Customers Service, Wind Turbine Power Plant, Operation Management Skills, Financial Basic Skills.