

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 5 years at GCC & North Africa in field of Energy, HV substations, Power Plants, Renewable Energy; skilled in project management, Planning, Installations and Sales service.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2018

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, etc.), Internet
: MS Project
: Primavera P6
: SAP
: PCM 600 (ABB)
: Micom studio S1 and easergy (Schneider Electric)
: DIGSI 4 & 5, SIPROTEC (Siemens)
: ETAP (SC, VD, LF, ...etc.)
: MATLAB (SIMULINK)

TRAINING COURSES AND CERTIFICATIONS

: Project Management preparation course & certification.
: Substation automation course (SAS).
: Introduction to Marketing (University of Pennsylvania).
: Pricing Principles (Udemy).
: Introduction to HSSE course (PTW, Risk Assessment, MOS, STARRT card, ...etc.).
: Introduction to QHSE, QC, QA (ICLs, NCRs, FONs, ...etc.) rules.

- : Protection course (schematic diagram, relaying system, ...etc.).
- : Distribution course (LV, MV).
- : Automation course (Classic, PLC, SCADA, ...).
- : Renewable energy (solar) course.
- : Training at Petrobel - Belayim Petroleum (Jul./Aug. 2017):
 - Training on cathodic protection and its different methods.
 - Performing commissioning to oil and gas electrical substation, switchgear, all UPS, DG and all HV equipment.
- : Training at El-Sewedy Electric Co. (Jul./Aug. 2016):
 - Training on cables manufacturing procedures and the factory feeding substation.
 - Training on transformer manufacturing and its problems at field.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2020 till now
- Employer** : Alfancar Construction (Riyadh, KSA)
- Projects** :
 - KSA:
 - Riyadh HO (acting as PMO)
 - HARADH (installations)
 - EGYPT:
 - Cairo HO (acting as PMO)
 - EL-ARISH PP (250MW)
 - Eleqtesadia 2 S/S (500/220/66/22KV)
 - Future Masr Ext. S/S (220/66/22KV)
 - 50 MWp Zafarana PV Plant
 - Zafarana 2 (220/22/22KV)
 - North Hurghada S/S (220/66/22KV)
 - New Owinat S/S (220/66/22KV)
 - Sarai S/S (220/22/22KV)
 - Gabal Elkamel S/S (66/22KV)
 - Elbadary S/S (66/22KV)
 - Wadi Elnatroun S/S (66/22KV)
 - Suez PP S/S (500/220KV)
 - LRT1 (Light Railway Train) S/S (220/27.5/22KV)
- Job title** : Project Coordinator
- Job Description** :
 - Onsite Responsibilities:
 - As a Project Planning (PMO) and Field Service Engineer (installations & commissioning), I can coordinate and execute the installation & commissioning projects handled by site works, installation, testing and Substation Automation teams.
 - Installation and Commissioning of AIS & GIS & control and protection systems, devices and panels.
 - Ensure the correct functionality of the systems / devices in accordance with the specifications and the scope.
 - Conduct SAT, FAT tests and hand over the systems / devices to the customer & relevant stakeholders and finally seeking for their approval.
 - Proactive co-ordination Planning and reporting with the project management (technical, organizational and financial).

- Local contact person for customers, consultants, main contractors, local contractors.
- Ensure full & effective reporting to management (reports, project reviews, ...), Inform timely the management about project events impacting project performance or compliance with governance principles.
- Coordination with site manager and PMs for interface with other equipment (primary, auxiliary system, HV, MV, LV, ...etc.).
- Supervision of safety regulations and documentations on site as per OHS safety instruction & policy.
- Reporting like test protocols, test sheets, daily commissioning log, weekly progress report, site acceptance test signed by the customer, etc.
- Short term scheduling of activities in cooperation with the responsible person.
- Handle the customer for non-confirmation reports / pending item list.
- Maintain the documentation (red mark drawings, as delivered / as built, software back-ups) timely.
- Offsite Responsibilities:
 - Guide, lead, supervision and support of the local and remote technical commissioning engineers of the local product group.
 - Leading the integration in all stages with adopting all available internal & external resources involving sales operation and marketing strategies.
 - Animate the communication within the team, Training and mentoring the junior engineers and stakeholders to build the knowledge know-how.
 - Competency to technical discussions and clarifications with responsible persons, Insure highest level of customer satisfaction.
 - Managing & monitoring third party resources. Evaluate and assess projects' financial margins Manage and handle change requests, tailoring it's impacts on time/cost.
 - Act as primary point of contact for the customer organizing all project team interaction with the customer (correspondences, emails, calls, meetings, ...).
 - Follow quality processes and document control procedures to ensure the project flow smooth and accurate.
 - Analyze a project and the competitive business environment both technically and commercially. Inform timely the management about project events impacting project performance or compliance with governance principles
 - Ensure all appropriate actions to timely recover customer receivables (payments...) are done with the support of shared functions.

Dates : From Oct. 2019 till Oct. 2020

Employer : Advanced Power Co. (APC), Cairo

Projects :

- East Sohag S/S (500/220/66/22KV)
- East Assiut S/S (66/22/11KV)
- Assiut Supercritical Power Plant (500KV) (CP-104)

Job title : Senior Projects Engineer

Job Description : • Installations and Scheme checking of LCC both AIS & GIS, protection and control panels including Operational, Functional, wiring & RTK for: GIS 500KV (HYOSUNG), GIS 220KV (TAIKAI), GIS 66KV (Sieyuan), AIS 66KV (ABB), SWG 22KV (Sieyuan), SWG 22KV (EGEMAC), SWG 11KV (Sieyuan).

- Presence during meetings with customer / if required – negotiations and discussion with customer.
- Prepare test protocols, MOS, checklists, Test reports for substation equipment & obtain customer approval.
- Excellent communication skill, able to work and solve problems independently.
- Testing simple and advanced relays such as:
 - ABB REF615, REU615, REL670, RET670.
 - SIEMENS SIPROTEC 4 & 5 (7sj, 7SA, 7UT, 7SD).
 - Micom Schneider and GE (P121, P127, P139, P141, P442, P643, P741) and Micom P3U.
 - NR relays (PCS-9611, PCS-9691, PCS-902, PCS-978, PCS-915).
- Having a very good knowledge of advanced relays such as Siemens, ABB, Schneider, GE and NR.

Dates : From Apr. 2019 till Oct. 2019

Employer : ACWA POWER (KSA)

Projects : • ACWA Power (4-43) 50MW SOLAR POWER PLANT, BENBAN (Egypt)
 • ALCOM (3-1) 50MW SOLAR POWER PLANT, BENBAN (Egypt)
 • Tawakol (4-42) 20MW SOLAR POWER PLANT, BENBAN (Egypt)

Job title : Project Engineer

Job Description : • Prepare cost, schedule, scope, quality, risk, procurement, communication management plans. Monitor & control projects' schedule, budget and risk, Identify and take all necessary actions to manage risks and address opportunities. Manage claims & variation orders.

- Testing and commissioning of 22KV/660V inverter transformers.
- AC, DC panels commissioning, operational checkup, Cable IR and HIPOT, VLF testing. Auxiliary equipment commissioning and operation checks.
- Commissioning of solar modules, DCBs and rectification of the modules for actual loads and its troubleshooting problems.

Dates : From Jun. 2018 till Apr. 2019

Employer : TECHNO MASTER (Maadi, Cairo)

Projects : • West Cairo for generating electricity
 • Egyptian Steel, Beni Suef
 • Air Liquide Company
 • Suez Thermal Power Plant
 • Elmotoreen (elsadat) substation

Job title : Sales Service Engineer

Job Description : • Be actively involved with Sales & Tendering, take full accountability over project profitability (cost, cash flow & margin) including forecasting, engagements follow-up & re-forecasting. Ensure timely revenue recognition as per forecast.

- Testing and commissioning up to 500KV class substation (both GIS and

AIS) and switchgears up to 33KV.

- Testing of transformers, CT, CVT, PT, Circuit breaker, isolator, lightning arrester, HT and LT motors.