

107001-ELE-2CGPT-E-2008
Electrical Construction Manager

Holds a B. Sc. in Electronics & Communication Engineering and has over 13 years hands-on experience working in construction, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/06/1986
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Cairo University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Photoshop

TRAINING COURSES AND CERTIFICATIONS

: Power and measurement transformers (P1) at Cairo South Training Institute (2012).
: Protection devices course (P2) at Cairo South Training Institute (2012).
: Protection of power transformer (P4B) (Jun. 2014) at Cairo South Training Institute.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2020 till now
Employer : ZTPC, Egypt
Job title : Electrical Construction Manager
Job Description :

- Manage all Electrical installation which required by the contract and any additional testing that may be identified as necessary during work.

- Ensure the site execution and installation activities as per EETC approved drawings and standards
- Engaged with sub-contractor to resolve site issues related to installation work.
- Preparing weekly progress report related the status of work, delivery of Material, percentage progress, equipment status manpower status and site issue for Electrical, civil, mechanical and communication activities.
- Prepare and approve monthly invoice for procurement, design, installation, material, T & C claimed by the contractor.

Dates : From Sep. 2014 till 2019

Employer : Saudi Electricity Co.

Projects :

- MADINA CENTER substation 380/110/13.8KV (Site Manager)
- Umluj substation 380/110/33/13.8KV (Testing Engineer)

Job Description :

- Reviewing the delivered materials as per approved DTS and details drawings.
- Supervision of Installation for equipment's according to approval construction drawings.
- Preparing the daily & Weekly reports for our manger.
- Recording the Installation punch list which appears during installation of equipment's.
- Marking the AS-BUILT drawings according to site modifications.
- Management of site activities and Team. -Margining the site meetings.
- Managing the safety meeting and safety requirements.
- Coordinating with SEC AMD, CSD, Communication, Operation and Stores Department about the related works activities.

Dates : From Jul. 2009 till Sep. 2014

Employer : EETC (Egyptian Electricity Transmission Co.)

Projects :

- EL-KUREIMAT substation 220/66/11KV - Egypt:
 - Install new Transformer 66/11KV.
 - Design drawing for new control, protection panels to be matching with old scheme, test protective relays, CT's, VT's and connect with bus bar protection.
- EL-TEBBIN 5 substation 66/11KV - Egypt:
 - Replacement for all old OC relay 'static relay' with new one.
 - Make all required modification to match new relays with old scheme.
- New MAADI substation 66/11KV & MAADI TECHNOLOGY Substation 66/11KV - Egypt:
 - Witness for new substation.
 - Witness for all testing and commissioning activities.
- SAF NORTH substation 66/11KV - Egypt:
 - Replace all old Isolator.
 - Change all isolator from manual operation to electrical operation.

Job title : Testing & Commissioning Engineer

Job Description :

- Testing and Commissioning Engineer with various voltage levels 220/66/11KV and 66/11KV. Testing for current, voltage transformer, protective relay. Trouble shooting for electrical system.

- Pre-check and Scheme check for new protection panels and testing and commissioning for new protective relay (acceptance test, final setting).

Field of experience :

- Senior Electrical Engineer with more than 13 years of combined experience in the electrical engineering field focusing on industrial power systems Inspection, Quality assurance/control, operation and maintenance, installation and project management in Saudi Arabia / EGYPT. Significant work experience on power substation facilities operated by Saudi Electricity Company / EETC.
- Full understanding with the integration and installation of Electrical Protection and control system for Transmission and Distribution System.
- Mastery of installation procedures and techniques, as well as practical troubleshooting of various Electrical complex power systems, equipment and components.
- Comprehensive experience in handling various electrical systems LV/MV/EHV (up to 380KV Systems), ATS, IED protection systems, MCCs, LV/MV switchgears, power/utility transformers, motors, Process Compressors.
- Hands-on practical experience of full procedure on installation, start-up of different HV/MV/LV electrical equipment in accordance with electrical standards.
- Proficient on reading and interpreting complex electrical diagrams & schematics.
- Significant experience on installation, construction and project management in an industrial power facilities/utility.
- Ability to manage electrical construction/installation projects with efficient planning, implementation, supervision, monitoring and control skills.
- Ability to communicate effectively verbally and in writing. Skill in interpersonal communication and analytical problem solving. Ability to coordinate multiple tasks efficiently.
- Maintain commendable performance in delivering project to clients as consistently ahead of given project deadlines, completed works in a safe, efficient and effective techniques.
- Skills:
 - Full understanding with the installation of Electrical Protection and control system for Transmission and Distribution System.
 - Design review for the Project drawings according to contract specifications and requirements like (single line diagram, Layout, Sections, Catalogs, Outline Drawing and equipment's technical datasheets, Hardware, Aux, TR drawings).
 - Managing the works with Client and prepare weekly schedule and master plan.
 - Attending meeting with Client to discuss the obstacles affecting the work progress.
 - Preparing all test result documentation in filling system.
 - Leading and support a team of junior engineers and distribute the work.