

Holds a B. Sc. in Electrical Engineering and has about 13 years hands-on experience in construction field and became a Project Manager.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Electrical Engineering, Helwan University, 2004

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: PRMG 010 (Project Management & Control Techniques) at The American University in Cairo (2010/2011).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Employer** : Egyptian Maintenance Company (Oil & Gas Co.)  
**Project** : Supplying & Installation of new skid mounted generators at BED-1  
**Job title** : Project Manager  
**Job Description** :

- Plan the project:
  - Define the scope of the project in collaboration with senior management.
  - Create a detailed work plan which identifies and sequences the activities needed to successfully complete the project.
  - Determine the resources (time, money, equipment, etc.) required to complete the project.
  - Develop a schedule for project completion that effectively allocates the resources to the activities.

- Review the project schedule with senior management and all other staff that will be affected by the project activities; revise the schedule as required.
- Determine the objectives and measures upon which the project will be evaluated at its completion.
- Staff the project:
  - Manage project staff according to the established policies and practices of the organization.
  - Ensure that all project personnel receive an appropriate orientation to the organization and the project.
  - Contract qualified consultants to work on the project as appropriate.
- Implement the project:
  - Execute the project according to the project plan.
  - Develop forms and records to document project activities.
  - Set up files to ensure that all project information is appropriately documented and secured.
  - Monitor the progress of the project and make adjustments as necessary to ensure the successful completion of the project.
  - Review the quality of the work completed with the project team on a regular basis to ensure that it meets the project standards.
- Control the project:
  - Write reports on the project for management and for funders.
  - Communicate with funders as outlined in funding agreements.
  - Monitor and approve all budgeted project expenditures.
  - Monitor cash flow projections and report actual cash flow and variance to senior management on a regular basis (monthly).
  - Manage all project funds according to established accounting policies and procedures.
  - Ensure that all financial records for the project are up to date.
  - Prepare financial reports and supporting documentation for funders as outlined in funding agreements.
- Evaluate the project:
  - Ensure that the project deliverables are on time, within budget and at the required level of quality.
  - Evaluate the outcomes of the project as established during the planning phase.
- Additional Assignments:
  - Construction Manager for Western Desert Area Projects:
    - Project: Continuous Service Agreement (based on work order).
    - Project Scope:
      - Provide a wide range of civil, mechanical and electrical activities based on the requested service.
      - Provide a special service for supply and installation of overhead transmission line projects and its related live / dead maintenance.
      - Provide a special service for heat trace system installation and related heat insulations for pipes, flanges and various equipment.
      - Provide a wide range of manpower and equipment based on client request.
    - Responsibilities:
      - Supervise the construction completion, pre-commissioning and

commissioning activities of the electrical systems and substations to ensure a safe operable and economic design within the framework of the project budget, operational requirements, specifications and schedule for the super-complex electrical equipment.

- Liaise with the Contractor and other PMT groups to ensure timely and effective release of construction data/drawings and resolution of problems.
- Ensure that efficient and effective communications are maintained between the Contractor and PMT, ensuring that all reporting requirements are met.
- Ensure, through review and monitoring, that the construction schedules are achievable and that early mitigation of slippage or use of opportunities is identified and appropriate action taken.
- Execution construction works as per project specification, standards, Inspection Test Plan (ITP), procedures, etc.

- Employer** : Egyptian Maintenance Company (Oil & Gas Co.)
- Projects** :
- Hammar IPF (ELBASRA / IRAQ):
    - Position: Electrical Supervisor.
    - Project Scope:
      - Construction of new Initial Production Facility (four trains, power turbines and generators, power transformers, CCR, Substations, lighting system, CCTV, Speaker towers, earthing system, .....).
      - Joined the pre-commissioning & commissioning team to finalize and the punch list and handover the project.
  - Faras New Power Station / EPC Project:
    - Position: Project Manager.
    - Project Scope: Supply, Install of two Gen. Sets with related Switchgear building.
  - Contious Service Agreement:
    - Position: Site Electrical Engineer.
    - Project Scope:
      - Construction of power stations, oil facility plants and water flood plants these projects cover all types of activities (turbine's assembly, installation, commissioning and start-up – Gen set assembly, installation, commissioning and start-up – power transformers, lighting sytem, earthing system, fire fighting & detection system installation and their related civil and mechanical activities).
      - Construction of power modules, structure buildings, warehouses and industrial buildings. These projects cover all types of activities (Fabrication, erection, supply, install, Supply installation, commissioning and start-up – power transformers, lighting sytem, earthing system, fire fighting & detection system installation and their related civil and mechanical activities).
      - Construction of Over Head Transmission Lines projects (Installation, test of 11KV over head transmission line network (about 600 KM) with their related well head transformers, cables, lighting system and earthing.

- Job title** : Site Electrical Engineer
- Job Description** :
- Follow up all construction activities till project handover.
  - Installation of Medium & low voltage switch gears & Service transformer.
  - Laying, installation, termination and testing of control, low and medium voltage cables.
  - Installation and testing of Earthing System.
  - Installation of lighting system network and Hi-Mast poles.
  - Installation and connection of booster and injection pumps.
  - Installation and connection of the instrument devices.
  - Installation of heat trace system to the pipe lines & turbines.
  - Installation, connection of Mobile Turbines.
  - Pre-commissioning and commissioning activities with vendors for the power stations.
- Field of experience** :
- Working for 12 years in a big company (EMC) specialist in Oil & Gas industrial at Egypt for projects and global maintenance through its different branches (Egypt, Iraq, Saudi Arabia, Oman...). This allow me to build up a strong experience, as Egyptian petroleum market has been involved with the international oil & gas companies through joint venture agreements.
  - In 2015 and for 5 months, I hired to Weatherford at Iraq through my company (as manpower hiring). For construction of new Initial Production Facility. The project scope covers (4 gas trains, power turbines, generators, power transformers, CCR, Substations, lighting system, CCTV, Speaker towers, earthing system, ...). After completion of construction, I joined the pre-commissioning & commissioning team to finalize the project punch list & handover the project.
  - Working regularly between site and office allows me to collect my experience from both sides which make me able to assist in preparing & pricing of tenders and technical documents.
  - Overhead transmission lines experience & skills:
    - Technical support during tender phase.
    - Preparation of execution budget and supporting planner for detailed project time schedule.
    - Review and prepare the engineering documents and determine the different types of poles.
    - Carry out required survey of the project area and decide the suitable rout for OHTL network, also to determine the locations of angle poles & tension and road crossing & start/end point of the line & tie-in point.
    - Review the approved engineering documents regarding poles and line rout and prepare the MTO according to total number of poles.
    - Prepare & issue a purchase requisitions for all required material and follow up the approval cycle till delivering to material department.
    - Prepare the material specifications (all types of poles, pin/disc insulators, ACSR conductors, top tie, armour rod, stays, dead end / parallel groove clamps, cut out fuse, power transformers....) and tender documents and deliver them to material department.
    - Assist the material department to contact the suppliers (PATEL WIRE, GAFFENY, VECTOR, HUBBLE, COOPER POWER

SYSTEM, HELICAL LINE.....).

- Evaluation of tenders according to the issued requisitions and specifications.
- Follow up the material delivery from the supplier to the site.
- Site construction activities:
  - Review with the civil engineer, the main points of the network (the locations of angle poles & tension and road crossing & start/end point of the line & tie in point & determine the location of the satys) to avoid any mistakes.
  - Follow up the civil engineer to assure (that all poles are installed into their correct holes, all poles are in a straight line and define angles (if existed)).
  - Follow up the electrical activities as follow:
    - Installation of insulators (pin/disc/bobbin insulators).
    - Installation of stays.
    - Laying & tension of ACSR conductors.
    - Installation of cut out fuses.
    - Installation of H type poles (including transformers, lv cables).
    - Installation & connection of earthing rods.
    - Hi pot test to the line.
    - Tie the starting point of the line to the existing power source.
    - Start-up the system.