

101756-ELE-D-E-2007

Project Engineering Manager

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 10 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/04/1985
Gender : Male
Residence : 15 May City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2007
: Saad Zaghloul High School, 2002

LANGUAGES

Arabic : Native Language
English : Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD 2D & 3D
: ETAP
: AVEVA E3D module
: Revit MEP
: Cables Management Software (Elecdes)
: Dialux (Lighting design and study software)

TRAINING COURSES AND CERTIFICATIONS

: Automatic control circuits (PLC installation and maintenance), Maadi Company for Engineering Industries (Aug./Sep. 2005).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2017 till now
Employer : National Contracting Company (NCC)
Job title : Project Engineering Manager

Dates : From Nov. 2012 till Jan. 2017
Employer : El-Sewedy Power System Projects (PSP)
Job title : Lead Electrical Engineer

Dates : From Jun. 2011 till Nov. 2012
Employer : JAWDA Engineering Consultants (JEC), Cairo Office
Job title : Senior Electrical Design Engineer

Dates : From Jun. 2010 till Jun. 2011
Employer : Saudi Bin Laden Group, Giza
Job title : Electrical Design Engineer

Dates : May/Jun. 2010
Employer : United Engineers (U.E.) Company, Siemens System Integrator
Job Description : Technical support for many industries and make upgrade to its machines that using PLC controller (Siemens PLC) and make an engineering solution for many industrial problems. Direct sales to spare parts (Circuit Breakers – Drives – PLC's unit – Automations – Instrumentation – Sensors).

Dates : From Nov. 2008 till Apr. 2010
Employer : Helwan Company for Castings (Factories of Military Production)
Job title : Electrical Engineer

Dates : From Dec. 2007 till Nov. 2008
Employer : IDA Company Engineering Office (Nour Engineering Consultants)
Job title : Electrical Engineer

Projects:

- ASSIUT Supercritical Power Plant 1x650MW Steam Power Station, Egypt. 500KV Gas Insulated Switchyard (Running Project).
- 4800MW Beni Suef Combined Cycle Power Plant, 4 Modules (2x2x1), Siemens Turbine units, Beni Suef, Egypt.
- 650MW Attaqa Simple Cycle Power Plant, Siemens Gas Turbine units, Egypt.
- Al-Diwaniya 4x125MW Simple Cycle Power Plant, GE Gas Turbine units Frame 9, Iraq.
- 500KV 3000MW HVDC Interconnection between Egypt and KSA (Tender Stage - Basic Design).
- 500/220/66KV Suez Gulf GIS S/S, EPC Project, Egypt.
- 400/132KV GIS S/S, EPC project with Toyota Company, Iraq.
- 132/33/13.8KV ISKAN GIS S/S – Jizan Area, KSA – AL-GIHAZ Co. – SEC-SOA.
- 132/13.8KV Buraydah GIS S/S – AL-QASSIM, KSA – ABB Co. – SEC-COA.
- 110/13.8KV Tabouk University GIS S/S – KSA – AL-GIHAZ Co. – SEC-WOA.
- 132/13.8KV AIS S/S, KSA – AL-GIHAZ Co. – SEC-SOA.

- Prince Sultan University, KSA.
- National Bank of Egypt Branches, MEP Works.
- Aero Sport Club – Playgrounds, Football Lighting system (design and lux study).

- Field of experience :**
- Responsible of coordinating and managing the resources to meet the project technical requirements and approach the optimum design.
 - Study the nature of the project and client requirements.
 - Attend Factory Acceptance Test (FAT) for electrical equipment.
 - Responsible of coordinating with other engineering disciplines, project partners and owners.
 - Prepare the project technical specifications, bid evaluation and award recommendations.
 - Conduct technical and coordination meetings with contractors.
 - Prepare and Review design calculation and drawings (Basic & Detail Design Stage) for Power Plant and High Voltage substations.
 - Share and exchange more experience in field of power generation plants during workshop and working period for 4 months with Siemens Germany, Offenbach.
 - We prepared the Plant & Basic design for Beni Suef Power Plant CCPP with Siemens Engineering Team during this period and held many workshops in Egypt and Germany.
 - Responsible of Project Cables Management System in Power Plant Projects, Latest mega project we managed around 35,000 circuits and by length around 1,800 km approximate total length.
 - Responsible for reviewing and assuring that the design is meeting the project standards.
 - Coordinate engineering efforts in assigned areas between different disciplines.
 - Prepare and Review the Secondary works for power Plant and Substation (Basic & Detail Design Stage).
 - Performing High Voltage Substation Primary systems basic design and detail design.
 - Reviewing the vendors drawings.
 - Planning the projects deliverables and scheduling the design deadlines.
 - Preparing shop drawings of Low Voltage distribution networks.
 - Maintenance Service Works for Medium Voltage switching station (6.6KV) and Step-down Power Transformer.
 - Preparing design drawings for low voltage networks (power and low current systems).
 - Low voltage system (indoor & outdoor lighting – Socket – HVAC system power supply – Single line diagram – Panel schedule calculation – Grounding system).
 - Light current system (Fire alarm system – Access control – Public address – CCTV – Voice and Data – Intrusion system – Queuing system).