

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience working in design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/05/1993
Gender : Female
Marital Status : Single
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good
French : In progress level 3

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: ETAP
: PVSYST
: Sketch up
: Dialux

TRAINING COURSES AND CERTIFICATIONS

: Power System Distribution basics and advanced level:

- Basic concepts of Design, MEP coordination, lighting design using Dialux, CB and Cable Sizing.
- Worked in a team on a project include all electrical work of "Medical Park Premiere Hospital".

: Network's Training Center, Helwan (Classic control, Transmission line course).

: Training at North Cairo Electricity Generation Station.

: Training at El Mokawloon Al-Arab Training Center (Al Gabl Al Akhdar Project).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : El Sewedy Electric
- Projects** : Main Projects Executed and in Progress:
- Benban Solar PV Power Plant (in operation): 2x65MWp Grid-tied Solar PV Power Plant in Benban/Aswan; under the FIT scheme
 - Development of 200MW PV Plant in Komombo Aswan
 - Development of 50MWp PV Plant in Biscra Algeria
 - Development of 50MW PV Plant in Rumuruti Kenya
 - EPC Proposal for 10MWp PV Power Plant in Wadi El Natrun Egypt
 - EPC Proposal for 10MWp + 6MWhr Hybrid Power Plant in DRC
 - EPC Proposal for 30MW, 42MWp, 9MWp PV projects in Burkina Faso
 - EPC Proposal for 20MW + 35MWhr Hybrid Power Plant in South Sudan
- Job title** : Renewable Energy Design Engineer
- Job Description** :
- Developing optimal design and engineering packages for solar energy power plants (PV and Hybrid systems), in both offer and order stages, to achieve projects' goals, company targets, and customer satisfaction.
 - Performing technical studies, including solar resource assessment, layout design, energy yield calculations, balance of plant design, etc.
 - Developing and implementing innovative technical solutions to match any site particular nature and to achieve the client requirements.
 - Providing continuous technical support to all stakeholders (customers, project managers, etc.) either in the offer or order stages to reach optimum technical and commercial solutions.
 - Developing conceptual plant design (including PV plant layout, civil works, electrical Balance of System, Grid connection/integration, etc.).
 - Attend the site visits, and collected data needed to work on the PV system's design.
 - Review and assessment of solar resources from satellite data and local measurements stations.
 - Conducting technical studies – with complete documentation - related to the whole power plant (Short Circuit, Voltage Drop, Power losses Calculations, Cable selection routing and laying, etc.).
 - Preparing detailed bill of quantity and Technical Specifications for all system components.
 - Study and compare received offers/quotations from the technical aspects of products/services.
 - The preparation of technical and commercial submittals for Solar PV Power Plants.
 - Offers/tenders (including solar resource assessment, and complete design) for projects at: Egypt, Tunisia, Ethiopia, Cameroon, Guinea Conakry, Chad, UAE, Ghana, Angola, Syria, Madagascar, Sudan, Kenya, Senegal, Burkina Faso, Sultanate of Oman, DRC, Sierra Leone, South of Sudan, Zambia.
- Dates** : From Apr. 2018 till Dec. 2018
- Employer** : EGE – 3Brothers Group
- Job title** : Technical Office (Solar Energy) Engineer

Job Description :

- Preparation of tenders and offers in line with customers technical/ administrative requirements furnished in tender/requirements/needs.
- Study the client requirements and prepare the required BOQ, RFQ.
- Participate in the tender packaging.
- Study the technical specification of different vendor's.
- Attending the technical meetings and prepare minutes of the meeting and documentations.
- Attend the site visits, collect required information and data then prepare site visit report.
- Meeting the concerned clients and preparing technical qualifications/needs.
- Be abreast and updated of new projects to be announced in construction/energy sector in Egypt.
- Support the Sales team in negotiations with customer on technical, contractual and commercial content of the proposal.

Dates : From Sep. 2017 till Mar. 2018

Employer : MB Group (Hager)

Job title : Estimation, Design & Planning Engineer

Job Description :

- Studying the Process & Client Requirements.
- Analyzing the RFQs and understand the scope of work based on the project scope.
- Preparing the Technical & Commercial offer's.
- Discussing the technical details with the customer.
- Analyzing the technical compliance & provide cost optimized solution.
- Designing custom solutions to match customer specifications through selection and integration of electrical components.
- Prepare and review shop drawing to be approved by the consultancy and the customer.
- Provide technical support to manufacturers.
- Establish and document standard design processes and products.
- Follow up the stock balance and Prepare a periodic material orders to keep the stock balanced.
- Follow up the manufacturing progress for awarded Tenders till the delivery to clients.