

101508-ELE-E-E-2017
Shop Drawing & Technical Office Engineer

Holds a B. Sc. in Electrical Power Engineering and has about 4 years experience working in technical office field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Cairo

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very Good
German : Good
Italian : Fair
Spanish : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D & 3D
: Revit MEP
: Matlab
: Dialux Evo for lighting
: Ecodial
: Etab

TRAINING COURSES AND CERTIFICATIONS

: Electric Schneider (Life is on).
: Training at Siemens Technologies SAE.
: Training at South Cairo for Electricity Distribution Company.
: Training at Iron and Steel Factory in Helwan.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2019 till now
Employer : SIAC Construction (Head Office)
Job title : Shop Drawing & Technical Office Engineer
Job Description :
- Breakdown of BOQ's Items.
 - Electrical Inventory of quantities Items.
 - Prepare As-Built of shop Drawing at the end of the project and submit to consultant for approval.
 - Prepare Phase-Balance for electric panels.
 - Converting Design Drawings into Work shop drawings.
 - Prepare Voltage Drop Calculation of the project.
 - Preparation of owner extracts and extracts of subcontractors.
 - Prepare the "IR" (Inspection Requests) for Consultant.
 - Prepare the "MIR" (Material Inspection Requests) for Consultant.
 - Installation of Transformers, Distributes, Switch gears and panels for ELSEWEDY ELECTRIC PANEL BUILDER of the Project.
 - Design of Infra-Structure Works at Layout, such as:
 - Medium Voltage Routing.
 - Low Voltage Routing.
 - Light Current Raceways.

- Dates** : From 2017 till 2019
Employer : ORASCOM CONSTRUCTION
Job title : Technical Office Engineer
Job Description :
- Breakdown of BOQ's Items.
 - Electrical Inventory of quantities Items.
 - Prepare As-Built of shop Drawing at the end of the project and submit to consultant for approval.
 - Prepare Phase-Balance for electric panels.
 - Converting Design Drawings into Work shop drawings.
 - Prepare Voltage Drop Calculation of the project.
 - Preparation of owner extracts and extracts of subcontractors.
 - Prepare the "IR" (Inspection Requests) for Consultant.
 - Prepare the "MIR" (Material Inspection Requests) for Consultant.
 - Design of Transformers, Distributes, Switch gears and panels for ELSEWEDY ELECTRIC PANEL BUILDER of the Project.

Projects:

The General Intelligence Building - Mansoura 8 (Print Shop and Cash Central Bank) & QNB - Alahly Project (from 2020 till now) (Head Office):

- Preparation of project BOQ.
- Breakdown of BOQ's Items.
- Electrical Inventory of quantities Items.
- Preparation of Voltage Drop manual calculation of all project.
- Preparation of Shop Drawings for all electrical systems (lighting, power, Cable Routing, security, CCTV, Data, Telephone and A/V systems, BMS systems) and submit them for approval.
- Preparation of As-built for all electrical systems (lighting, power, Cable

Routing, security, CCTV, Data, Telephone and A/V systems, BMS systems) and submit them for approval.

- Preparation of Technical Submittal for different electrical equipment "Switch Gear, Transformer, Generator, Ups, ATS, Lighting fixtures and Panel boards" ...etc.
- Coordination between electrical systems and other systems (Arch, Strc, plum and Mech).
- Make Phase Balance and Single Line Diagram for Electrical Panels.
- Preparation of IR (Inspection request) for consultant.

- Field of experience :**
- Electrical Technical Office Engineer with 4 years experience in Egypt working in MEGA Projects of Construction Field, such as:
 - Ministry of Defense MOD in Kian 110.
 - AL-MASA Hotel in Al-Alamin City.
 - The General Intelligence Building Print Shop and Cash Central).
 - Professional background experience includes testing advanced electrical systems, implementing maintenance strategies, designing electrical components.