

Holds a B. Sc. in Electrical Engineering and has about 9 years experience working in technical office, design, tender, proposal and project management.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/08/1992  
Gender : Male  
Marital Status : Married  
Residence : Nasr City, Cairo

## **EDUCATION**

: B. Sc. in Electrical Engineering, Al-Azhar University, 2015

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: IPMA Certified (Dec. 2020).  
: AutoCAD  
: Primavera  
: MS Project  
: 3D Max  
: Sketch-up  
: Dialux  
: Electrical Power distribution.  
: Micro Controller / PLC Course (2012).  
: PLC & SCADA Course (2012).  
: Training at PSP El-Sewedy Company.  
: Training at Petrol Palaeam Company (2012).  
: HP LIFE e-Learning course in "Effective Business Websites".  
: Training at Egyptian Iron & Steel Company (2014).

- : Professional Diploma in Managerial Skills (2012).
- : Certified Training in Hyundai Company - South Korea for power transformers.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2021 till now
- Employer** : MADKOUR PROJECTS
- Projects** :
  - Ayoun Moussa S/S 500/220KV HV GIS Substation Project
  - NEW DELTA PROJECTS (ND1, ND2 & ND8) 220/66/22KV Substation
- Job title** : Project Manager
- Job Description** :
  - Formulating project parameters and assigning responsibilities to the most capable employees and monitoring the project team.
  - Interacting with clients, interpreting their needs and requirements, and representing them in the field.
  - Risk Assessment.
  - Cost reporting with financial team.
  - Cash flow analysis.
  - Stakeholder analysis.
  - Performing quality control tasks on budgets, schedules, plans, and personnel performance and reporting on the project's status.
  - Cooperating and communicating with the Project Manager and other project participants and collaborating with Senior Engineers to create more efficient project methods and to maintain the project's profitability.
  - Reviewing the engineering tasks and initiating the necessary corrective actions.
  - Ensuring the project's compliance with the applicable codes, practices, policies, performance standards, and specifications.
  - Prepare Profit & loss analysis, Material Tracking System (MTS) for monitor and control project during execution phase.
  - Ensure monitoring and follow up with internal departments, suppliers, and contractors to ensure fulfilment of agreed milestones.
  - Coordinate with project site manager for all issues (e.g. providing of approved drawings, technical documents, administration matters, Site issues, etc.).
  - Compile (weekly – monthly) project progress reports and dashboards to be presented to higher management.

- Dates** : From Nov. 2020 till Mar. 2021
- Employer** : MADKOUR EPC
- Projects** :
  - TOSKA-3 S/S 220/66/22KV HV GIS Substation Project
  - 220/22/22KV Cairo Capital SS2, SS3 Project Extension
- Job title** : Senior Energy Project Engineer (Acting as Project Manager)
- Job Description** :
  - Reviewing the engineering tasks and initiating the necessary corrective actions.
  - Ensuring the project's compliance with the applicable codes, practices, policies, performance standards, and specifications.
  - Prepare Profit & loss analysis, Material Tracking System (MTS) for monitor and control project during execution phase.

- Ensure monitoring and follow up with internal departments, suppliers, and contractors to ensure fulfilment of agreed milestones.
- Coordinate with project site manager for all issues (e.g. providing of approved drawings, technical documents, administration matters, Site issues, etc.).
- Invoices preparation and review.
- Compile (weekly – monthly) project progress reports and dashboards to be presented to higher management.

**Dates** : From Jun. 2018 till Oct. 2020

**Employer** : MADKOUR EPC

**Projects** :

- SARAI S/S 220/22/22KV Project
- 220/66/22KV EI-Swap EI-Zeraia HV GIS substation
- 220/66/22KV EI-Dabaa HV GIS substation

**Job title** : Electrical Senior Technical Office Engineer

**Job Description** :

- Review and check the Clarifications request with project engineer.
- Review contract and overall project schedule.
- Prepare all Substation material list (Master Document List) Preparing all required technical clarifications.
- Prepare all material contract with suppliers (PO).
- Participation on estimating the target prices from previous evaluation reports.
- Follow up with the Construction team to prepare the lessons learned if any.

**Dates** : From May 2016 till Jun. 2018

**Employer** : MADKOUR EPC

**Projects** :

- AL-GALALA Marble City 220/22/22KV GIS S/S
- EGYPTIAN CEMENT Sohag S/S 66/11KV
- GABAL AL-GALALA HV GIS substation
- 220/22/22KV Cairo Capital SS2, SS3 Project
- 66/22KV Mohamed Naguib S/S Project
- Beni Suef Cement 220-11KV GIS Substation

**Job title** : Electrical Technical Office Coordinator

**Job Description** :

- Contract documents study and clearly identify the scope of work.
- Preparing a brief presentation of each new project.
- Attend all Projects FAT with owner and consultant.
- Coordinate with different company's departments (i.e. Engineering, BD, Planning, Quality, etc.).
- Responsible for all material approval with consultant and owner.
- Coordinate all project design drawing.
- Review contract and overall project schedule.
- Prepare all Substation material list (Master Document List), preparing all required technical clarifications.
- Select the list of manufactures which is suitable for the project.
- Prepare break down for materials as client requirements.
- Request for quotation (RFQ) for vendors.
- Follow up the suppliers and negotiate with the supplier's evaluation to achieve suitable technical & commercial offer.

- 3D Design drawing for electrical substation.
- Field of work: Power Generation (Gas, Steam and Combined Power Plants), HV Substations up to 220KV GIS & AIS substations, Renewable Energy Projects, Water and Water Wastage, Construction, EPC, Overhead Transmission lines & Distribution and Engineering.

**Dates** : From Jul. 2015 till May 2016

**Employer** : EST (MADKOUR EPC)

**Projects** :

- Gardenia 220/22 SS Project
- Al-Farafra Solar Plant Project
- Conference Hall Project
- Future Egypt 220/66/22KV SS Project

**Job title** : Electrical Design Engineer (Secondary Engineer)

**Job Description** :

- Secondary Design Engineer:
  - Study all contract scope of work.
  - Sizing of (LV, MV) Cables.
  - Perform all load calculations and auxiliary calculations.
  - Preparing substation overall single line diagram.
  - Preparing substation AC/DC single line diagram.
  - Perform short circuit calculation.
  - Perform voltage drop calculation.
  - Perform zig-zag and neutral points current calculation.
  - Prepare design documents (BOQ/Reports & calculation).
- Primary Design Engineer:
  - Study all contract scope of work.
  - Perform General Layout of HV substation.
  - Perform Earthing design study and calculation.
  - Perform All material and equipment's design arrangement.
  - Perform shielding design and calculation.
  - Cable raceway design and BOQ of materials.
  - Cable ducts, trench and tunnel calculations.
  - Coordination between all primary and secondary drawing.
  - Perform materials secondary earthing.
  - Perform wall opening with material coordination.

**Dates** : From May 2014 till Apr. 2015

**Employer** : MADKOUR EPC

**Projects** :

- AL- GHAZALA 500/220KV in KSA
- AL- AZIM 220KV in KSA
- IMBABA S/S Project

**Job title** : Electrical Tender & Proposal Engineer

**Job Description** :

- Tender documents study and clearly identify the tender scope of work.
- Study the commercial conditions.
- Preparing a brief presentation of each new project.
- Participate in pre-bid plant surveys and meetings to acquire the required knowledge of the project.
- Coordinate with different company's departments (i.e. Engineering, BD, Planning, Quality, etc.).
- Review and Check the Clarifications request with project engineer.
- Select the list of manufactures which is suitable for the project.

- Follow up the suppliers and negotiate with the supplier's evaluation to achieve suitable technical & commercial offer.
- Review and check the documentations of Technical proposal as client requirements.
- Cost estimation and budgeting for Tenders.
- Review and check the closing of project after tender opening & Replying for all client clarifications if any.
- Handing over for all the wining projects to the projects team.