

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 6 years hands-on experience in construction, maintenance and also in technical office field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 14/11/1984  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2008  
: Secondary Education: El-Helal Language Experimental School – Maadi – Cairo, 2003

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
French : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: AutoCAD course (Nov. 2010).  
: Micro controller course (Jul. 2007):

- Content of micro controller.
- Types of micro controller.
- Assembly language of programming.
- Application of micro controller.

: Summer trainings at:

- GUPCO Company for Petroleum (1 month).
- GUPCO site in Shokeir (3 weeks).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2015 till now
- Employer** : Delta Limited Company
- Project** : Adam Substation 110KV/33KV
- Job title** : Project Engineer
- Job Description** :
- The Scope of the contract package (Electrical Equipment / Instrument Installation):
    - Submit all design drawing for approval from N.G.
    - Two Main transformers (110KV/33KV).
    - Voltage switchgear.
    - Installing Cable Ladder.
    - Installing Two 2 Battery 220 VDC.
    - Installing UPS system.
    - Pulling 30 km cable including 64 km medium voltage Cable.
    - Testing and commissioning for all cables and equipment.
    - Testing and commissioning for all cables, equipment and instruments.
    - Installation of GIS.
  - Role and Responsibility:
    - Preparing tender document of the project (Financial & Technical).
    - Review for IFC drawing and its last revision.
    - Prepare RFI's for any technical clarifications.
    - Preparing RMI (request material inspection).
    - Preparing any correspondence N.G.
    - Coordinate with draftsmen for shop drawing preparation, Review shop drawing prior to submit to consultant.
    - Make quantity take off for all material required.
    - Coordinate with main contractor / consultant.
    - Manage and supervise all site electrical works.
    - Undertake the detailed short term planning and co-ordination at site in accordance with the baseline schedule.
    - Ensure that the works are carried out in a safe manner in accordance with the project safety plan and as the time schedule of the project in the contract.
    - Co-ordinate with other contractor and other sub-contractors at site.
    - Maintain records of the changes to the working drawings to enable the record drawings to be produced.
    - Monitoring and review reports with planning team before submit it to consultant (Monthly report - 4 week look ahead - biweekly critical item report daily report).
    - Monitoring the milestone in the contract and take any necessary action.
    - Contract Administrator.

- Dates** : From Feb. 2011 till Jan. 2015
- Employer** : Electro Tharwat for contracting and trading
- Job Description** :
- EL-AIN EL-SOKHNA Thermal Power Plant 2x650MW (from Oct. 2011 till Jan. 2015) as Project Engineer from Head Office:
    - The Scope of the contract package (Electrical Equipment / Instrument Installation (10056-CP-117)):

- Submit all design drawing for approval from consultant.
  - Two Main step up large power transformers (3 single phase XFMRs).
  - Two Unit auxiliary transformers (32/42MVA 21/6.3/6.3KV on-load tap changer).
  - Station service transformer (32/42MVA 66/6.3/6.3KV on-load tap changer).
  - Eighty cubical 6.3KV Medium voltage switchgear feeders.
  - Eight cubical load center unit with sixteen step down transformers 6.3/0.4KV.
  - Eighteen cubical 400V motor control centers.
  - Two indoor dry transformers 6.3/0.4KV.
  - Eighteen cubical Indoor electrical monitoring control system (EMCS).
  - Installing Cable Ladder.
  - Installing Protective relay panels.
  - Installing 2 Battery 220 VDC.
  - Installing UPS system.
  - Installing DCS (distribute control system).
  - Pulling 700 km cable including 64 km medium voltage Cable.
  - Testing and commissioning for all cables and equipment.
  - Testing and commissioning for all cables, equipment and instruments.
  - Installation of instruments.
- Role and Responsibility:
- Preparing tender document of the project (Financial & Technical).
  - Review for IFC drawing and its last revision.
  - Prepare RFI's for any technical clarifications.
  - Preparing MRR.
  - Preparing any correspondence to consultant (PGESCO) / owner (East Delta Electricity Production Company).
  - Coordinate with draftsmen for shop drawing preparation, Review shop drawing prior to submit to consultant.
  - Make quantity take off for all material required.
  - Coordinate with main contractor / consultant.
  - Manage and supervise all site electrical works.
  - Undertake the detailed short term planning and co-ordination at site in accordance with the baseline schedule.
  - Ensure that the works are carried out in a safe manner in accordance with the project safety plan and as the time schedule of the project in the contract.
  - Co-ordinate with other contractor and other sub-contractors at site.
  - Maintain records of the changes to the working drawings to enable the record drawings to be produced.
  - Monitoring and review reports with planning team before submit it to consultant (Monthly report - 4 week look ahead - biweekly critical item report daily report).
  - Prepare the monthly progress report and the invoice according to the contract.
  - Manage cable MV & LV with the requirement of the site and cable list.

- Monitoring the milestone in the contract and take any necessary action.
  - Contract Administrator.
- ABU Qir Power Station 2x650MW (from Feb. till Sep. 2011) as Electrical & Technical Office Engineer at Site:
  - The Scope of the contract package (Electrical Equipment / Instrument Installation (10054-CP-117)):
    - Submit all design drawing for approval from consultant.
    - Two Main step up large power transformers (3 single phase XFMRs).
    - Two Unit auxiliary transformers (32/42MVA 21/6.3/6.3KV on-load tap changer).
    - Station service transformer (32/42MVA 66/6.3/6.3KV on-load tap changer).
    - Eighty cubical 6.3KV Medium voltage switchgear feeders.
    - Eight cubical load center unit with sixteen step down transformers 6.3/0.4KV.
    - Eighteen cubical 400V motor control centers.
    - Two indoor dry transformers 6.3/0.4KV.
    - Eighteen cubical Indoor electrical monitoring control system (EMCS).
    - Installing Cable Ladder.
    - Installing Protective relay panels.
    - Installing 2 Battery 220 VDC.
    - Installing UPS system.
    - Installing DCS (distribute control system).
    - Pulling 650 km cable including 56 km medium voltage Cable.
    - Testing and commissioning for all cables, equipment and instruments.
    - Installation of instruments.
  - Role and Responsibility:
    - Review for IFC drawing and check its last revision.
    - Preparing MRR (Material receiving report) for the material that furnished by the supplier.
    - Coordinate with draftsmen for shop drawing preparation, Review shop drawing prior to submit to consultant to be approved.
    - Make quantity take off for all material required.
    - Coordinate with main contractors / consultant and subcontractor.
    - Ensure that the works are carried out in a safe manner in accordance with the project safety plan and as the time schedule of the project in the contract.
    - Co-ordinate with other contractor and other sub-contractors at site.
    - Maintain records of the changes to the working drawings to enable the record drawings to be produced.
    - Manage cable MV & LV with the requirement of the site and cable list.
    - Monitoring the milestone in the contract and take any necessary action.
    - Prepare progress report and the monthly invoice.

**Dates** : From Nov. 2010 till Jan. 2011  
**Employer** : B.W.M. Company  
**Job title** : Maintenance & Electrical Engineer  
**Job Description** : Electrical maintenance for lifts, center air condition, pumps and fire alarm system.

**Dates** : From Oct. 2010 till Nov. 2010  
**Employer** : Art for ceramics  
**Job title** : Maintenance & Electrical Engineer  
**Job Description** :

- Installing new machine.
- Electrical maintenance for the machine.

**Dates** : From Aug. 2008 till Jul. 2009  
**Employer** : El-Prince for marble and granite  
**Job title** : Maintenance & Electrical Engineer  
**Job Description** :

- Installing new machine.
- Electrical maintenance for the machine.