

Holds a B. Sc. in Electrical Engineering and has about 3 years experience in Electrical Power, PLC & Instrumentations technical studies, tendering and pre-sales / proposal field.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Electrical Engineering, Mansoura University, 2017

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet  
: MS Visio  
: AutoCAD 2D  
: BIM Revit  
: Dialux

## **TRAINING COURSES AND CERTIFICATIONS**

: Classic control, Basic PLC (Siemens and Schneider).  
: Ecostruxure selection tool training.  
: Tia Portal selection tool training.  
: Electrical Distribution Design Course using AutoCAD.  
: Presenting a lecture about optimization of data searching using Search engines especially Google.  
: Basic Course of Industrial Instrumentation.  
: Advanced Course of Industrial Instrumentation.  
: Water and Waste Water Design Basics (Automation and instrumentations).  
: Water station and waste water station treatment technology (PLC configuration and selection, Instrumentations configuration and selection, Philosophy of operation, implementation stage supervision, making reports,

- ...etc.).
- : Preparing and making specification of instruments and PLC for waste water and water treatment plants.
- : Industrial Communication protocols (Modicon, Profibus, and industrial Ethernet, ...etc.).
- : Optical fiber media communication topology.
- : Siemens PLC, HMI, Scada and Instruments Selection.
- : Schneider PLC, HMI, Scada and Instruments Selection.
- : ABB PLC, HMI, Scada and Instruments Selection.
- : GE PLC, HMI and Scada selection.
- : E&H instruments selection.
- : Vega instruments selection.
- : Niveclo instruments selection.
- : Wika instruments selection.
- : Know about many instrumentations and automation manufacturer in industry (Application selection and product configuration).
- : Training at Talkha Power Station:
  - Power generation units (steam and gas).
  - Step-up and step-down transformers.
  - GIS systems.
  - Surg arrestors systems.
  - Station control and monitoring system (DCS, SCADA and telemetry).
- : Training at TCT (Target Control Technique):
  - Site survey.
  - Plc configuration and selection.
  - Scada selection.
  - Instruments selection in many manufacture (level, flow, pressure, Proximity and analyses sensors (Ph, Do, Turbidity, ...etc.).
  - Motors selection.
  - Shop drawing, P&ID and SLD Reading.

## CHRONOLOGICAL EXPERIENCE RECORD

- |                        |   |  |
|------------------------|---|--|
| <b>Dates</b>           | : | From Jan. 2021 till now  |
| <b>Employer</b>        | : | TCT (Target Control Technique)   |
| <b>Job title</b>       | : | Head of Presales / Proposal Control & Instrumentation Engineer   |
| <b>Job Description</b> | : | <ul style="list-style-type: none"> <li>• Own a lot of outside foreign suppliers' emails and contacts with best prices for many brands in industrial automation and instrumentations in industry field (Siemens – Schneider – Wika – Vega – E&amp;H – Prisma – Yokogawa – GE – Allen Bradly – Omoron – Festo – Rosemount – Honeywell – IFM – Foxboro and many other brands.</li> <li>• Understand, Evaluate and analyze customer specification/drawings and request necessary clarifications to achieve full understanding of the project which may include meeting with the contractor or the consultant, visiting the project site to clear some points to be able to submit the final offer with most complying technical points.</li> <li>• Coordinate with all the persons who related to the project to ensure covering all the project aspects.</li> </ul> |

- Develop Competitive, value add proposals that support TCT portfolio (Schneider, Siemens, Chemitec, B&C, E&H, Wika, Vega, Nivelco & Foxboro ...etc. Schneider Electric, Siemens (PLC and SCADA system) and also third-party supplier to complete the project requirements.
- Design & Selecting the appropriate solution that utilizing Schneider PLC Modicon series (M580, M340, M251, M241, TM3, ...) by using selection tools like (Ecostruxure Modicon Builder), with help of Manuals and Schneider technical Support team. In addition to choosing the appropriate instrumentation from non-industrial instruments and industrial instruments from various vendors like (Foxboro, Endress&Hauser, WIKA, Euromag, ABB, Yokogawa, Honeywell, ...).
- Design & Selecting the appropriate solution that utilizing Siemens PLC series (S7 300-S7 400-S7 1200-S7-1500), Wincc Scada and HMI by using selection tools like Tia Portal.
- Design & Selecting the appropriate solution that utilizing GE PLC series (Versa max Micro, Nano, RX3I, ...etc.
- Provide technical & commercial offers after understanding & interpreting customer specifications/drawings.