

103385-ELE-CDE-E-1999
Senior Low Current Systems Engineer

Holds a B. Sc. in Electronics Engineering and has about 22 years of experience in design, management, execution, supervision and development of projects in the field of low current systems. Familiar with many international codes and standards such as ANSI, TIA, EIA NFPA72 and BRITISH STANDARDS.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/01/1975
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electronics Engineering (Electrical Communication Department),
Menoufia University, 1999

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: PMP training course (35 Hr), KSA (Jul. 2018).
: Training on electronic circuits and TV assembly & maintenance, Al Nasr Company for Radio and TV (Jul. 1997).
: Training on electronic circuits maintenance, Contact Company at 10th of Ramadan (Jul. 1998).
: Training on CCTV system (Panasonic), Contact Company at 10th of Ramadan (Jul. 1998).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2018 till now
Employer : Katib & Alami - KSA – Madinah Almonawara

- Projects** : • Madinah Haram Expansion – Saudi Arabia: PMC the expansion of the profit's mosque and its Piazza in Madinah to increase overall capacity 1,600,000 worshipers the project comprises 4,470,000 M2 of new of prayer areas as well as the additional of second floor on the top of King Fahd's existing extension.
- Tiling of Western Piazza – Saudi Arabia: Construction and development of the Western Piazza, comprising new prayer area with a capacity of 80,000 prayers.
- King Salman International Convention Center
- Job title** : Senior Low Current Systems Engineer, as a Client Representative
- Job Description** : • Project Management office (PMO) – Management All projects of Ministry of finance Report and support in delivering excellence in Schedule, Control and Monitoring at the PMO level, enabling timely, safe, and efficient.
- Support the Studies Department.
- Review and recommend Milestones, Contract requirements.
- Dates** : From Oct. 2016 till Apr. 2018
- Employer** : PROJACS INTERNATIONAL - EGIS CORPORATION - KSA - Riyadh
- Project** : King Abdulaziz International Airport – Jeddah
A new passenger terminal Building (PTB) 810,000 M2 with a capacity of 30,000,000 passenger per year, New Control Tower, New data centers, New Load centers, 9.5km Utility culvert and support Buildings.
- Job title** : Senior Low Current Systems Engineer, as a Client Representative
- Job Description** : • Submitting weekly and Monthly reports for the client regarding the contractor progress monitoring delays, Obstacles, achieved milestones and recovery actions.
- Managing the contractor to finish the project according to scope of Work, time schedule , budget, required quality.
- Identify Major issues and Obstacles and investigate root cause and give solving and Recommendations.
- Dates** : From Dec. 2015 till Oct. 2016
- Employer** : CHINA REALWAY CONSTRUCTION CORPORATION - KSA - Riyadh
- Project** : King Abdulla Project for development the security center in ministry of interior, fifth stage (KAP5)
- Job title** : Senior Low Current Systems Engineer
- Job Description** : • Review the Low current systems IFC drawings prepared by sub-consultant (WORLEY PARSONS, MEINHARDT, VANDIJK).
- Preparing the shop drawings according tender documents, approved materials, approved IFC drawings and submit for approval to the client consultant (ITALCONSULT).
- Coordination meeting with different disciplines / consultant and the client.
- Site support.
- Dates** : From Aug. 2010 till Dec. 2015
- Employer** : SAUDI OGER LTD – KSA
- Projects** : • KING ABDULLAA BIN ABDULAZIZ FOR DEVELOPMENT MINISTRY OF INTERIOR (MOI) - KAP1

- KING ABDULLAA WAQF PROJECT IN AL-MADINA AL-MUNAWARA - the WAQF project consists of 5 (five stars hotels and shopping mall) located in AL-MADINA ALMUNAWARA
- Job title** : Low Current Systems Sr. Engineer
- Job Description** :
- Issue all Low Current Systems Design and Shop Drawings for mega projects in KSA.
 - Review the Low current Design/shop Drawings Received from Zuhier fayez Partnership Consultant in KAP1 Project.
 - Review the Low current Drawings Design/shop Received from subcontractors.
 - Review the materials for all low current Systems and submit for approval.
 - Coordination Meeting Client Consultant.
 - Coordination Meeting with the client.
 - Site Support for KAP1 project.
- Dates** : From Oct. 2008 till Aug. 2010
- Employer** : SAUDI BINLADIN GROUP (SBG) – BT Applied Technology (BTAT), Cairo Office, Egypt
- Project** : KING SAUD BIN ABDULAZIZ UNIVERSITY FOR HEALTH SCIENCES (KSAU) in KSA: One of the main university campus in Riyadh and two university branches in Jeddah and Al Hasa. Each of the three cities comprises world class educational. Supports, Housing and administrative Buildings dedicated to health sciences in addition to a total of 2043 dwelling units consists of Villas, townhouses, apartment and suits and all required services. Praying, Infrastructures, recreation and sports facilities. Total Built – up area 1,250,000 m2. The Riyadh campus includes among other, King Abdullah children hospital's (532 beds) including up-to-date low current systems, security systems, parking system, Building management system (BMS), IT infrastructure outside plant and inside plant, Data center (tier III), telecommunication and hospital systems.
- Job title** : Low Current Systems Engineer (Team Leader)
- Job Description** :
- Design of industrial and intelligent process Extra Low Voltage (ELV) systems for Industrial Facilities and Commercial Buildings.
 - Prepare Extra Low Voltage (ELV) System tender packages including specification.
 - Design of Information Technology cabling system, Access control, Closed Circuit Television, and Fire Alarm systems.
 - Interfacing with other trades during design phase and incorporate their requirements into the Extra Low Voltage (ELV) system design.
 - Guiding Designer / Draftsman for preparing cable routing plan, hookup drawings, wiring drawings, cable schedule.
 - Coordinate with different discipline designer (DAR Cairo and Perkins Will, RTKL for medical furniture and Areen for general furniture and RCP).
- Dates** : From May 2001 till Oct. 2008
- Employer** : Alfa International Company, Cairo, Egypt, supplier for the security systems
- Projects** :
- Sokhna Port: Integrated security systems:
 - CCTV system (pelco) indoor/outdoor fixed cameras and outdoor PTZ cameras.
 - Pelco DVR and Pelco Matrix Switcher.

- Access Control & parking System (Federal APD).
- Alexandria Library:
 - The systems installed were as follows:
 - ACCESS CONTROL SYSTEM FOR EMPLOYEES, VISITORS AND VIP'S INCLUDING:
 - Turnstiles equipped with proximity card reader.
 - Administration and access control software enabling time control and attendance, access control, with enabled personnel administration functions, and alarm monitoring.
 - Ticketing and revenue control system:
 - Handling tickets for different parts of the Library including the main library entrance, the conference halls, the planetarium and a complex of museums in the library.
 - The system includes:
 - Points of sale with high speed thermal ticket printers.
 - Supply of blank tickets.
 - Turnstile equipped with barcode readers.
 - Revenue control software.
 - Administration and access control software.
- Microsoft Office Egypt in Smart Village:
 - Access Control System (Lenel System and myfair Card Reader) & CCTV System.
- Schlumberger Egypt:
 - IP Camera for Qatamia site (Sony IP Camera).
 - Evacuation Siren (Federal Signal USA).
- Halliburton Egypt:
 - Access Control System (Lenel Intelligent System Controller (ISC), Lenel Card Reader Interface, HID Card Reader, HID Card Federal APD Barrier Gate and Lenel on-guard software.
 - Pelco CCTV System Fixed, PTZ Cameras and DVR.
- Egyptian Liquefied Natural Gas Company (ELNG): (Oil and Gas Company):
 - Access Control System (Lenel Intelligent System Controller (ISC), Lenel Card Reader Interface, HID Card Reader, HID Card, Automatic System Turnstile and Lenel on-guard software.
 - System Administrator for Access Control System, CCTV System at Egyptian Liquefied Natural Gas (ELNG) from 8/2005 till 8/2007.
- Alsawary Land Mark (Jeddah – KSA): Games system.
- KING SAUD BIN ABDULAZIZ UNIVERSITY for Health SCIENCES (KSAU) in KSA:
 - Design/IFC and shop drawings Low Current Systems for King Saud Bin Abdul-Aziz University for Health Sciences.

Job title : Low Current Design Engineer (Project Engineer)

- Job Description** :
- Access Control Systems.
 - CCTV Systems.
 - Design, Quote, implementing, and supporting Security Solutions that meet/exceed Customer needs.
 - Participate in customer visits & technical discussions where appropriate to help resolve specific technical problems meeting customer requirements.
 - Provide regular feedback on customers' technical requirements.
 - Maintenance of Security Systems.

- Working with Lenel Hardware for access control system.

Dates : From May 2000 till May 2001
Employer : TATAS Company Panasonic, Cairo, Egypt
Job title : Technical Support Engineer at Panasonic Company for CCTV Systems and Public Address

Field of experience :

- For low current systems, I can do all design stages, Schematic design, development design, IFC drawings and shop drawings for the following systems:
 - Information and Communications Technology Systems:
 - ❖ Structured cabling systems.
 - ❖ Wired and wireless data networking.
 - ❖ Voice communication.
 - ❖ IP Audio-visual solutions.
 - ❖ IP television solutions.
 - ❖ IP Master Clock System.
 - Security and Life Safety Systems:
 - ❖ Interior and exterior camera surveillance CCTV SYSTEM.
 - ❖ Biometric and card access control.
 - ❖ Fire and smoke detection and alarm.
 - ❖ Public address and voice evacuation.
 - ❖ Passenger and baggage screening equipment.
 - ❖ Perimeter intrusion detection.
 - ❖ Command and control room.
 - ❖ Car park automated management.
 - ❖ Integrated intelligent building solutions.
 - I have good experience in special airport systems:
 - ❖ Baggage reconciliation systems.
 - ❖ Information kiosks, Self-service kiosks and Flight information display.
 - ❖ Common use terminal equipment and Common use passenger-processing systems.
 - ❖ Resource management system.
 - ❖ Airport operations database.
 - ❖ Baggage handling systems.
 - ❖ Automatic people movers.
 - ❖ Electronic passenger guidance system.
- I have experiences in Oil and Gas Company as I worked with Egyptian Liquefied Natural Gas in Egypt 3 years as Security Systems Administrator (CCTV and Access control System).