

105167-ICX-1CDGMS-E-1992
Engineering Manager & Chief I&C Engineer

Holds B. Sc. in Electrical Engineering (Computer & Automatic Control), Master of International Business Administration and Ph.D. (Business Administration). Has extensive overseas experience in Project Management, Instrumentation & Control and Client Management with hands-on experience in project planning, execution & review, techno-commercial operations, quality, risk & HSE management.

PERSONAL DATA

Nationality : Egyptian/Canadian
Birth Date : 15/03/1970
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

- : B. Sc. in Electrical Engineering (Computer & Automatic Control), Ain Shams University, 1992
- : Master of International Business Administration from Eslasca Business School, Paris, France in 2004
- : Pursuing Ph.D. (Business Administration) from International Business School of Scandinavian, Denmark, 2015

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Project Professional
- : Visio Program - Logic Diagram, Microstation, Setroute & SAP

TRAINING COURSES AND CERTIFICATIONS

- : DCS from ABB University in Cleveland, Ohio, USA.
- : Visual Basic 6.0 Fundamental at League Technology (Microsoft Certified Partner).
- : Visual Basic 6.0 Advanced - Microsoft course at League Technology (Microsoft Certified Partner) & Visual Basic 6.0 Enterprise.
- : Gathering & Analyzing Business Requirement at League Technology (Microsoft Certified Partner).
- : Design Business Solution at League Technology (MS Certified Partner).

: Design Data Services & Data Model at League Technology (MS Certified Partner).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2020 till now
Employer : Hassan Allam Construction (HAC)
Job title : HAC Engineering Manager & Chief I&C Engineer
Job Description :

- Spearheading the entire functions of approval of engineering project schedule, technical bids evaluation, technical training leading the engineering team to review & approve the engineering submittals in coordination with the project consultant and resolving any technical issues for Midelec power plant.
- Monitor and Control the equipment, Labors and test and commissioning equipment for Midelec power plant.
- Review and approve the PO(s) for the first Black Sand Project in Egypt.
- Participate in proposals preparation by review and approve the technical, commercial sections.
- Update the PO(s) forms in order to enhance the general and special conditions.
- Arish Simple cycle project (2x125MW), detailed design Engineering including Civil/Arch/Mech/Elec/Control till testing and commissioning the power plant.
- Logistics Park (Suez Road) detailed design Engineering including Civil/Steel Arch/Mech/Elec/infra till the complete operation of the logistics Park.

Dates : From Nov. 2017 till Dec. 2019
Employer : Consolidated Contractors Company (CCC)
Job title : Engineering Manager

Dates : From Apr. 2015 till Oct. 2017
Employer : Saudi Electricity Company (SEC), Saudi Arabia
Project : PP13/PP14 Project, 1800MW
Job title : Project Engineering Manager & Chief I&C Engineer
Job Description : Spearheading the entire functions of approval of engineering project schedule, technical bids evaluation, technical training leading the engineering team to review & approve the engineering submittals in coordination with the project consultant and resolving any technical issues for PP13/PP14 projects.

Dates : From Nov. 2001 till Apr. 2015
Employer : Power Generation Engineering Services (PGESCO)
Projects :

- Shabbab Combined Cycle Power Plant (1500MW)
- Damietta Combined Cycle Power Plant (1000MW)
- Banha Combined Cycle Power Plant (750MW)
- Zwitina Combined Cycle Power Plant (750MW)
- Sarir Simple Cycle Power Plant (750MW)

- Desalination projects, Zawia 4 x 25000m³
 - Derna & Soussa 2 x 25000m³
 - El-Tebbin & Cairo West Thermal Power Plant
 - Cairo North Power Station - 1500MW Combined Cycle Project
 - Sidi Krir and Ayoun Moussa Power Plants
- Job Description** :
- Project Engineering Manager (from Feb. 2008 till Apr. 2015).
 - Senior Control System Supervisor (from Nov. 2004 till Feb. 2008).
 - Control System Supervisor (from Nov. 2001 till Oct. 2004).
- Dates** : From Nov. 1997 till Oct. 2001
- Employer** : Bechtel Power - Gaithersburg, MD, USA
- Projects** :
- Sidi Krir 3 & 4 Power Plant, Egypt (Egypt Boot #1)
 - Ghazlan Project - Saudi Arabia
 - Baton Rouge Project (Exxon) - Louisiana
- Job title** : Electrical & Control System Resident Engineer
- Job Description** :
- Coordinated with client representatives to obtain their approval of phases of work.
 - Marked-up the P&ID and selected the required and proper instrumentation, issuing the control logic diagrams and SAMA for the Power Plant process systems and participates and coordinates with the other disciplines in preparing and issuing the required packages for the Power Plant
 - Controlled the control system engineering activity and plan the group personal activities to follow the project schedule; attended the factory acceptance test (FAT) for the DCS.
 - Supported the construction & start-up teams during the execution phase.
 - Provided detailed engineering & licensing support for the digitalized plant control system.
 - Developed MMI digital technology and Human Factors Engineering (HFE) program based on current licensing requirements.
 - Designed and reviewed I&C systems and equipment.
 - Reviewed and evaluated relevant Codes & Standards.
 - Spearheaded entire contract administration, inspection of contractor's work, resolution of technical issues at the site within the electrical & control system disciplines.
 - Participated in the preparation of project execution plans for the project; development of contractor requests for proposals; review and approval of contractor submittals; information evaluation and negotiation of contractor change order proposals.
 - Ensured the implementation and monitoring of project safety; reviewed and made recommendations for contractor requests for payment.
 - Worked on development of P&IDs – instrument tagging, control schemes, selection of fit for purpose measuring and process control equipment.
- Dates** : From Mar. 1996 till Nov. 1997
- Employer** : Power Generation Engineering Services (PGESCO), Consultant for the Electricity Holding Company, Egypt

Dates : From Jan. 1993 till Mar. 1996
Employer : Petroleum Projects and Technical Consolations Company (Petrojet), Suez Gulf
Project : On-Board PJ-11, PJ-12 Derrick
Job title : Computer & Navigation Engineer

Dates : From Jun. 1992 till Dec. 1992
Employer : GE, Egypt
Project : Communication systems in the Egyptian Ministry of Health
Job title : Electrical Engineer

- Field of experience** :
- Doctor of International Business Administration, Senior Management Professional, Project Engineering Manager.
 - Summary:
 - Strategic leader offering nearly 28 years of multi-cultural experience in spearheading end-to-end project engineering & management functions with key contributions in providing strategic project, technical & administrative advisory including risk & change management, project planning, proposal review, budgeting, cost estimation, quality & HSE compliance, client satisfaction, material quantities, bid evaluation & approval of the engineering deliverables. Experienced in cross-functional coordination, reviewing & approving key engineering drawings & calculations, staffing arrangement, schedules, employee performance appraisals, supervising control system engineering and attending monthly business & project review meetings.
 - Recognized for successfully delivering key projects across career such as PP13/PP14 projects 1800MW, Shabbab Simple Cycle (1000MW), Damietta Simple Cycle (500MW), Banha Combined Cycle (750MW), El-Tebbin & Cairo West Thermal Power Plant, Cairo North Power Station I & II - 1500 MW Combined Cycle Project, Baton Rouge Project (Exxon) - Louisiana and Communication systems in the Egyptian Ministry of Health amongst others across Egypt & Saudi Arabia.
 - Capable of nurturing relationship with clients after project completion to assure future work from the clients, Leading the full lifecycle of projects from inception to closeout, performing risk assessment and risk mitigation process throughout the project lifecycle, scheduling tasks and sourcing, planning & allocation of resources. Proficient in monitoring & reporting both internally and externally on financial progress to KPI's including preparation of cost, time & resource budgeting of multi-discipline & multi-location teams while developing positive relationships with partner & senior management, authorities & contractor's for effective project management. Team-based management style coupled with the zeal to drive vision into reality.
 - Core Competencies:
 - Strategic Planning & Leadership.
 - Project Planning, Engineering & Control.
 - Risk & Change Management.
 - Client & Stakeholder Management.

- Material & Technical Bid Evaluation.
- Project Budget/Cost/Profitability.
- Project Review Meeting.
- Performance Monitoring & Appraisals.
- Global Business & Project Development.
- Significant Accomplishments Across Career:
 - Played a key role in developing engineering detailed design for Sidi Krir 1 & 2, Ayoun Moussa 1 & 2, Baton Rouge (USA), Ghazlan (Saudi Arabia), Sidi Krir 3 & 4, Cairo North, Tebbin and Cairo West Power plants and worked for Petrojet Company for 3 years in different petroleum projects in Egypt.
 - Managed the entire functions of providing technical & administrative guidance to assigned project and or discipline engineers in the management of engineering projects.
 - Played a key role in staffing plan review, annual performance reviews, project planning prior to proposals, project schedules, tracking status of all projects and major changes or deviations in project scope, project material quantities, budget or schedule.
 - Prepared material requisitions, completed technical bid evaluation and provided a clear recommendation to the project regarding the purchase of I&C system.
 - Monitored available engineering computer programs, technical advances and engineering management control techniques on the projects.
 - Developed approval, engineering plans and programs for the project.
 - Created work environment, supported by leadership, fostered openness, trust, communication, teamwork, empowerment, innovation, satisfaction on the project.
 - Led the detailed phases of engineering work, approval of the engineering deliverables, coordination with client, suppliers, and contractors and between other groups and complying to administrative practi.
 - Conducted employee performance appraisals in accordance with approved procedures.