

Holds a B. Sc. in Mechanical Power Engineering and a Global Business Diploma. Has over 9 years hands-on experience working in construction, technical office and HVAC Systems / Firefighting Systems Design & Installation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/08/1986
Gender : Male
Marital Status : Single

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2008

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Project
: Primavera
: AutoCAD
: Load Estimation HAP Software
: McQuay Air Conditioning Software
: ASHRAE Duct Fitting Software
: Fire Elite Hydraulic Calculation Software

TRAINING COURSES AND CERTIFICATIONS

: HVAC Systems Design Certificate, Approved by Egyptian Engineers Syndicate & in accordance with ASHRAE, Engineers' House™, Cairo (Apr. 2013):

- Air conditioning Systems.
- Load Estimation.
- Unit Selection.
- Duct Design.
- Air distribution.
- Air Outlet Selection.

- Piping Design.
- Chiller system.
- : Fire Fighting Systems Design Certificate, Approved by Egyptian Engineers Syndicate & in accordance with NFPA, Engineers' House™, Cairo (Jan. 2012):
 - Introduction to Fire Fighting codes & Systems.
 - Manual Systems.
 - Automatic sprinklers system.
 - Design Approach.
 - Hydraulic Calculations.
 - Gas system (Co2 & FM200).
 - Introduction to fire alarm system.
 - Technical office responsibilities.
- : Certification / Diploma of Business and Administration, Ecole supérieure libre des sciences commerciales appliquées - ESLSCA™, Cairo (Apr. 2011):
 - International Business Law.
 - International Financial Management.
 - International Strategic Management.
 - International Marketing.
 - Human Resources.
- : PMP Course.
- : ICDL Course.
- : Pipeline Courses API 570.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2014 till Aug. 2017
- Employer** : ACWA Holding & Al-Toukhi Joint Venture
- Project** : Yanbu Phase III Power Plant with 5 supercritical units of 630MW each
- Job title** : Mechanical Engineer (Project Management Team)
- Job Description** :
- Reporting directly to the site manager and project director.
 - Interfacing with the Clients and Contractor, attending regular meetings, and providing statistical reports.
 - Provide guidance, direction, and specialized assistance to project for the resolution of difficult and complex project control problems.
 - Provide the needed expertise and technique in cost control, contract management and coordinates project estimation efforts.
 - Oversee development & maintenance to keep project & client management fully informed.
 - Monitor Sub-contractor performance, project deliverables and quality.
 - Participate in business development efforts by gathering and presenting a variety of background data.
 - Ensure that project documentation is complete and in order.
 - Review and monitor the Project Execution Plan.
 - Review and monitor physical progress at Site and compare that with schedules.
 - Review and verify the progress measurement claimed by EPC Contractor with the actual physical progress at Site for invoicing purpose.

- Review the schedule and identify problematic areas – Risk identification, qualitative and quantitative analysis and identification of mitigation measures.
- Plan and initiate corrective actions.
- Review and verify progress reports.
- Coordinate with various departments for project control related activities.
- Application of various project progress methods to ensure the project schedule is on track to meet deadlines or deliverables.
- Ensuring compliance with safety standards.
- Developing and monitoring project cost forecasts.
- Offer technical field advice when required.
- Responsible for all official communication.

Dates : From Jun. 2013 till Jun. 2014

Employer : Quality Engineering & Construction Co.

Project : Egypt Hydrocarbon Company - Ammonium Nitrate Plant (EHC-LDAN Complex) (Process Area, HVAC, Water Treatment Area & Firefighting Area Erection Process) (ThyssenKrupp Uhde) in association with Menco Group

Job title : Construction Manager

Job Description :

- Generally responsible for implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
- Estimate, prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
- Schedule the project in logical steps and budget required to meet deadline.
- Interpret and explain plans and contract terms to administrative staff, workers, and clients, representing the owner or developer.
- Study job specifications to determine appropriate construction methods.
- Select, contract, and oversee workers who complete specific pieces of the project.
- Prepare and submit budget estimates and progress and cost tracking report.
- Plan, organize, and direct activities concerned with the construction and maintenance of structures, facilities, and systems.

Dates : From Jan. 2013 till Jun. 2013

Employer : Quality Engineering & Construction Co.

Project : Egypt Hydrocarbon Company - Ammonium Nitrate Plant (EHC-LDAN Complex) (Process Area, HVAC, Water Treatment Area & Firefighting Area Erection Process) (ThyssenKrupp Uhde) in association with Menco Group

Job title : Mechanical Technical Sales & Tendering Engineer

Job Description :

- Prepare offers/quotations to the customers and finalize them.
- Assist in negotiating tender and contract terms to meet both client and company needs and closing sales by agreeing terms and conditions.
- Participate at tradeshow, conferences and other events as needed by head office and travel to visit potential clients.

- Develop and grow long-term relationships with customers. Record and maintain contact data.
- Prepare periodic reports to head office.
- Read customer "Request for Quotation" and specification and prepare the quotation with efficiency.
- Research and analyze customer design proposals, specifications, manuals, and other data to evaluate the feasibility & Cost.
- Estimate costs and submit bids for engineering, construction, or extraction projects, and prepare contract documents.

Dates : From Apr. 2012 till Dec. 2012

Employer : Al-Hashemiah Contracting Co.

Projects :

- BANHA Power Plant – Balance of plants (Hitachi Plants) (Piping + Mechanical Equipment)
- BANHA Power Plant – Erection of HVAC System
- BANHA Power Plant – Erection of the Firefighting network
- BANHA Power Plant – HRSG Mechanical Erection (Ansaldo ENERGYA)

Job title : Mechanical Site Engineer

Job Description :

- Ensuring the procedures are implemented and followed.
- Maintain good control over the welders and being able to reduce the amount of repairs.
- Responsible for implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
- Submit site daily reports, inspection requests, estimate and all applicable monitoring reports on regular basis or as required.
- Ensure that all site works are done according to all applicable quality standards.
- Perform other related duties as may be required by the MEP Manager.

Dates : From Jan. 2012 till Apr. 2012

Employer : Al-Hashemiah Contracting Co.

Projects :

- BANHA Power Plant – Balance of plants (Hitachi Plants) (Piping + Mechanical Equipment + HVAC)
- BANHA Power Plant – HRSG Mechanical Erection (Ansaldo ENERGYA)
- Critical piping Prefabrication (Ansaldo ENERGYA) Suez Thermal Power Plant

Job title : Mechanical Tendering & Technical Sales Engineer

Job Description :

- Following up all related issues to the products that are being marketed through the company.
- Search for new clients who might benefit from company products or services and maximize customer potential in designated regions.
- Perform periodic market survey on current prices and work costs for various materials and items of civil, mechanical and electrical engineering as per the provided guidelines.
- Analyze tender document and prepare detailed BOQ for turnkey projects.
- Initiate RFQs and review vendor offer.
- Prepare complete technical proposal for the project.
- Preparing price schedules for complete tender.
- Preparation & documentation of the complete offer.

- Coordinate with supply management and prepare technical responses for post tender clarifications.

Dates : From Mar. 2009 till Dec. 2011
Employer : Misr Company for Mechanical and Electrical Projects (KAHROMIKA)
Projects :

- Cairo West Power Plant – Erection of Boiler (Hitachi) & Water Treatment Plant
- Cairo West Power Plant – Erection of HVAC System
- Abu Qir CP-111 – Water treatment plant (Termokimik CO.) (February 2011 – December 2011)
- Piping & piping support (fittings) Prefabrication (Termokimik CO.)

Job titles : Mechanical Site Engineer
Job Description :

- Understanding of various piping drawings.
- Manage directly and provide engineering and technical supports to all the Mechanical work groups at site.
- Assign targets for accomplishments and ensure targets are met on daily basis for all Mechanical groups at site.
- Carrying out all Mechanical Works and equipment installation activities.

Dates : From Aug. 2008 till Mar. 2009
Employer : Misr Company for Mechanical and Electrical Projects (KAHROMIKA)
Project : Cairo West Power Plant – Erection of steam turbine (Mitsubishi Heavy Industries)
Job titles : Technical Office Engineer
Job Description :

- Responsible to read, review and evaluate the work progress and report to headquarters planning Department.
- Write technical reports and monitor the site progress.
- Meeting budget expectations and project schedules.
- Managing the cost analysis and cost control of site activities.
- Prepare subcontractors' invoices.
- Documenting project issues/conditions.

Field of experience :

- Hands-on experience in handling end to end cycle of projects with broad knowledge of project planning and management.
- Technical Office experience including Cost Estimation, Cost control and tender preparation.
- Mechanical engineering experience for Power plants & Water Treatment plants Erection Process.
- A solid and diverse technical background in Erection and Prefabrication of Critical Piping, Non-Critical Piping.
- Wide Range of experience with Firefighting Systems Design & Erection process.
- Experience with HVAC systems Design & Installation.
- Mechanical Engineering Concepts.
- Project Control, Tender Preparation & Cost Control.
- Experience in monitoring various activities and coordinating between Project Management, Consultant, Licensors, Major Suppliers, EPC contractor and Major Subcontractors when necessary.
- Experience in planning and performing project control activities.

- Production & Erection Management.
- HVAC Systems Design & Installation.
- Firefighting Systems Design & Erection.
- Water Treatment & Power Station Erection.
- Technical Sales & Business Development.