

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years' experience working in construction works (HVAC, Firefighting, Plumbing, Infrastructure, BMS, Water Treatment), cost estimation, site and quantity survey.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/04/1991
Gender : Male
Marital Status : Married
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2013
: Secondary Education: Sedky Suliman School, Cairo, 2008

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Revit
: AutoCAD
: Revit EST-MEP
: ORION

TRAINING COURSES AND CERTIFICATIONS

: PMP Preparation course.
: CCP Preparation course.
: Trainings at:

- ORASCOM (2 months in 2013).
- GUPCO (2 months in 2012).
- PETROGAS, Main Factory on Elkatamia way (2 months in 2011): Recognize Mechanical Systems, Maintenance, operation of PLC system, filling natural gas in gas tubes, dealing with disasters in field and safety rules.
- PETROGULF Misr, Project Management sector (2 months in 2010):

- Recognize main mechanical works in field, ways of oil extraction, oil separation process, planning and scheduling work.
- PETROJET, Central work shop (2 months in 2009): Recognize several types of welding, welding test and inspection, manufacturing of pressure vessels and technical office works.
- : Visits:
 - El-Kureimat Electrical Power Station, Solar Power Station.
 - El-Zaafrana Electrical Power Station, Wind Power Station.
- : Studying Pumps principle, operation and maintenance (Independent Studies).
- : Studying piping material, design and stress analysis (Independent Studies).
- : Conversant with the practices and procedures of International Design Codes and Standards – ASHRAE, SMACNA, NFPA, IPC, UPC (Independent Studies).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2022 till now
- Employer** : Orascom Construction
- Job title** : Cost Estimation Team Leader
- Job Description** :
- Contribute to the creation and implementation of best practice, cost estimating vision, strategy, policies, processes and procedures to aid and improve operational performance.
 - Ensure the organization has a robust cost estimating process in place to meet project requirements and in line with quality standards.
 - Analyze and identify key areas of improvement and apply cost estimation techniques to drive cost reductions and aid operational processes and efficiency.
 - Review, analyze and understand economic trends and consider risks and cost implications.
 - Ensure appropriate monitoring, reporting systems and procedures are in place to meet objectives.
 - Manage, coach and develop a high performing cost estimating team that meets agreed objectives and which delivers best practice results, added value and continuous improvements.
 - Support encourages and develop team.
 - Leading team of seniors, juniors tendering Engineers & Draftsman in all Mechanical works (HVAC / Firefighting / Plumbing / Infrastructure / BMS / Water Treatment).
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- Dates** : From Mar. 2021 till Jun. 2022
- Employer** : SOLERA Energy Solutions
- Job title** : Sr. Mechanical Cost Estimator
- Job Description** :
- Leading juniors tendering Engineers & Draftsman team in all Mechanical works (HVAC / Firefighting / Plumbing / Infrastructure / BMS / Water Treatment).
 - Supervise of tender pre-qualification documents by understanding the company work performed experience.
 - Follow up negotiating tender and contract terms and conditions to meet both client and company needs.

- Reviewing provided Contract, BOQ, Drawings and Specifications for the new Projects.
- Negotiation with MEP Suppliers.
- Follow up receiving quotations from Vendors, Suppliers and Subcontractors and Make sure that the quotations comply with the project required and provided Specifications.
- Review any engineering changes that impact material or supplier to adapt accordingly.
- Analyze technical data, designs, preliminary specifications, manufacturing limitations, supplier facilities, and availability of parts and equipment.

Dates : From Dec. 2019 till Feb. 2021
Employer : AIC Steel
Job title : Sr. Mechanical Cost Estimator
Job Description :

- Leading Juniors Tendering Engineers & Draftsman team in all Mechanical works.
- Supervise of tender pre-qualification documents by understanding the company work performed experience.
- Delegating Draftsman for quantity takeoffs, cross checking quantities.
- Review any engineering changes that impact material or supplier to adapt accordingly.
- Analyze technical data, designs, preliminary specifications, manufacturing limitations, supplier facilities, and availability of parts and equipment.

Dates : From Jul. 2018 till Nov. 2019
Employer : Consolidated Contractors Co. (CCC)
Projects :

- North Edge Towers – Alamein New City
- Historical City – Alamein New City
- Downtown – Alamein New City
- Marine Academy – Alamein New City

Job title : Sr. Mechanical Cost Estimator
Job Description :

- Prepare cost sheet for the provided BOQ to all mechanical works (HVAC / Firefighting / Plumbing / Infrastructure / BMS / Water Treatment).
- Negotiating tender and contract terms and conditions to meet both client and company needs.
- Reviewing provided Contract, BOQ, Drawings and Specifications for the new Projects.
- Negotiation with MEP Suppliers.
- Receiving quotations from Vendors, Suppliers and Subcontractors and Make sure that the quotations comply with the project required and provided Specifications.
- Review any engineering changes that impact material or supplier to adapt accordingly.
- Analyze technical data, designs, preliminary specifications, manufacturing limitations, supplier facilities, and availability of parts and equipment.

Dates : From Jul. 2017 till Jul. 2018
Employer : Al Shafar General Contracting (ASGC), Cairo
Projects :

- Oasis – New Capital
- Uptown Cairo – Levana
- Crescent – MIVIDA Business Park

Job title : Senior Mechanical Site Engineer
Job Description :

- Supervise the work of the construction site to ensure quality that constructions and installations are in accordance with drawings, specifications and local regulations for all Mechanical works.
- Leading Juniors Site Engineers, Draftsman team, Forman and Technicians in all Mechanical works.
- Review material and equipment submitted to ensure that they are in accordance with the specifications and requirements of the customer.
- Keep detailed site records for changes and progress of the construction site.
- Advise the mechanical construction manager of any technical aspects of the mechanical services that may affect construction progress and quality of services.
- Attend project, site progress and site related technical meetings as directed by the project manager.
- Resolve the site related issues and report to immediate Manager if any deviation or technical or some other issues related to the work.
- Oversee installation, operation to ensure that machines and equipment are installed and functioning according to specifications.
- Monitor work progress and quality of work as per approved specifications.
- Generally responsible for implementations and monitoring of all Mechanical related works at site as per approved drawings and methods and safety rules.
- Carrying out all Mechanical Works and equipment installation activities.

Dates : From Sep. 2015 till Jul. 2017
Employer : METITO
Job title : Mechanical Proposals Engineer
Job Description :

- Timely preparation of detailed engineering proposals for the company's complete range of products and services.
- Present to Proposals Manager for review the Cost Estimate in detail prior to review of the tender by Management.
- Design overall schemes for desalination plants (RO) and associated structures, such as pumping stations and pipework.
- Accurately interpret client's technical specification and produce a compliant technical proposal; offering more suitable alternatives where appropriate.
- Prepare P&ID for desalination plants.
- Ensure proposals pricing and estimating is in line with company's agreed strategies on sales and marketing, charge out rates and availability of engineering resource.
- Write high quality technical and commercial documents and reports and present them to both internal and external audiences.
- Receiving and reviewing Requests for Quotation (RFQ's).

- Clear understanding of work scope & best estimation with respect to execution of project.

Dates : From Oct. 2013 till Sep. 2015

Employer : SHAKER Consultancy Group

Projects :

- Polygon Ph2 – SODIC
- SODIC Offices Fit Out

Job title : Mechanical Inspector

Job Description :

- Installation supervision of HVAC, Plumbing and Firefighting networks.
- Ensuring designs are consistent with project technical requirements, codes, standards and estimates.
- Attending all site and material inspections and compare it with approved drawings and materials submittals.
- Conducting field inspections and walk downs as necessary.
- Carrying out tests on systems and making changes to plans where necessary.
- Provide a weekly report about the accomplished and remaining works.
- Review of contractor invoices and processing payments through the client.
- Review 'As Built Drawings' to ensure correctness, completeness and that they are in-line with the specifications.
- Attending a range of project group and technical meetings.