

OSAMA ELSHAFIEY

Mech. Estimation Engineer

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EDUCATION

Higher Tech. Institute
10th of Ramadan city
2005 > 2010

Bachelor of Mechanical Power Engineering

Grade: Very Good (GPA 3.33)

Graduation Project (Grade: Excellent): Designing, manufacturing and operating an “Rotating inner tube double pipe heat exchanger”, also studying the modification effect on heat transfer process in the heat exchanger with the aid of graphs and experimental analysis.

PROFILE

Ingenious and detail-oriented Mechanical Engineer with over 9 years of experience. Seeks to use experience and skills to work as a part of an Enterprise so I can gain more experience, as i am highly motive to read about the career and work hard to achieve self-esteem.

EXPERIENCE

SAUDI AIRCON
Aug2014 > Current

Mech. Estimation Engineer

- Development and implementation of acceptable cost engineering, estimation and control techniques and methods.
- Assist, review and adjust procedures and guidelines for cost estimation and related cost management and control.
- Development and integration of a robust Cost Database, Cost Breakdown Structure and Project Control Structures in terms of project scope, in accordance with templates and company procedures.
- Development of conceptual, budget and definitive estimating, as well as, value engineering, change management, claims avoidance/reconciliation and risk modelling/management.
- Engage in change management, change order processing, negotiations, claims and cost trending.
- Reconcile definitive estimates to actual construction costs and provide lessons learned to the organization.

Remarkable Estimates:

1. SCECO HQ Riyadh - MEP Value 450,000,000 SAR.
2. Suliman Al Habib Al Khobar - MEP Value 350,000,000 SAR.
3. BACS two Deep underground stations - MEP 90,000,000 SAR
4. Tadawul high rise tower - Mech. Value 205.000.000SAR.

Delta for Contracting & Suppliers

Jan2014 > Aug2014

Technical Office Manager

- Managing a team of two engineers study tender projects as per available data (BOQ, Specs & DWG).
- Submitting complete offer (commercial and Technical) for bidding.
- Design review.
- Project planning time schedule.
- Delivering workshop drawing for approval.
- Co-ordinate with suppliers to submit "Material Submittal" for approval.
- Delivering material samples if required by consultant for approval, and follow up material submittal status.
- Making Sub-contractors contracts and invoices.
- Submitting project invoices.
- Inspect project progress to monitor project budget and schedule and check project plans and drawings to check match and deviations of office plans.

Feb2011 > Dec2013

Site Engineer

- Accomplished mechanical works (Fire -plumbing - HVAC) in various company projects.
- Read and interpret drawing, technical drawings, project specifications and standards.
- Managing site team to assure complying with all project aspects time, quality and cost.
- Assist drafters in developing the shop drawing /as-built drawing, using computer-aid drafting software.
- Holding regular meetings with project stakeholders to update project progress and status.

Key Projects:

1. National Defense Council-Value 25,000,000 EGP.
2. Abu Zaabal Chemical factory - value 19,000,000 EGP.

Languages

- Arabic - mother tongue.
- English - fluent.
- German - basic.

Skills

- Computer Skills:
 - Microsoft office (word, Excel, PowerPoint).
 - Computer Aided drafting (AutoCAD).
 - Heat load calculations (HAP).
 - Programing (HTML, CSS, JavaScript, Bootstrap, Python).
 - Photo editing (Photoshop).

Personal info

- Religion: Islam
- Marital status: Married
- Military service: Final Exemption
- Nationality: Egyptian
- Driving license: Private license
- Date of Birth: 28th December 1987

Certificates

- Mastering AutoCAD; Autodesk certified course - YAT education center.
- Primavera Project Planner - American University in Cairo (AUC).
- Mechanical Cost Estimation - MEP Masters.
- Project Management Professional - Orbits High Institute for Training.
- Air-Conditioning design course - Ayman Omar Consultancy.
- Fire-Fighting system design course - Ayman Omar Consultancy.
- Sanitary work design course - Ayman Omar Consultancy.
- The Complete Web Developer Course 2.0 - Udemy.