

Saeed Abbas

Mechanical Technical & Estimation Engineer

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Location: Riyadh, Saudi Arabia | Nationality: Egyptian | Marital Status: Single

Professional Summary

Mechanical Engineer with experience in Mechanical Estimation, BOQ preparation, and Quantity Surveying across commercial and infrastructure projects in Egypt and Saudi Arabia. Proven ability to deliver accurate cost estimates, optimize project budgets, and support winning bids. Skilled in AutoCAD, Revit MEP, and HAP, with strong expertise in value engineering for HVAC, plumbing, and firefighting systems.

Professional Experience

❖ Concept Construction Firm. | Riyadh, Saudi Arabia



Mechanical Technical and Estimation Engineer | Jan 2025 – Present

Key Responsibilities

- Leading the preparation of BOQs, cost breakdowns, and detailed technical submissions.
- Coordinating with design, procurement, and project teams to ensure feasible, cost-effective solutions.
- Reviewing tender documents, drawings, and specifications to extract key information for pricing and planning.
- Communicating with vendors and subcontractors for quotation analysis and sourcing strategies.
- Participating in technical meetings and clarifications with clients and consultants

➤ Projects

- **Data Center** - Led Mechanical estimation and BOQ preparation.
- **Airport** - Cost analysis and tender submissions.
- **Residential buildings** - Quantity surveying and value engineering works.

❖ AL Tabarak Company for construction and engineering works | Cairo, Egypt.



Technical Office Engineer | Jan 2024– Jan 2025

Key Responsibilities

- Prepare all Mechanical calculations "Thermal load calculation, Hydraulic calculation.
- Studying contracts and bill of quantities.
- Coordinate with site engineers to provide with any measurements required.
- Preparing technical and material submittals.
- Quantity surveyor.
- Following up on sub-contractor's progress.
- Preparing sub-contractor's invoices.

➤ Projects

- **Elgalaa Hospital – Cairo** - Led Shop Drawing Support for main Hospital building including Investment building.
- **Sheikh Zayed Mall – Sheikh Zayed** - Reviewed Mechanical design submissions for Mall, ensuring compliance with project specifications.
- **Guest House Hotel** - Prepared BOQs and cost control documentation for Mechanical works.

Training Practical Experience

- Toshiba Elaraby Company | Cairo, Egypt. Aug 2018
- Water and Sanitation Company | Cairo, Egypt. Aug 2019
- Cairo Petroleum Company | Cairo, Egypt. Aug 2020
- Mechanical Engineer Training & Practical Experience | Dec 2022– Jan 2024.

Education

B.Sc. Mechanical Power Engineering – Menoufia Faculty of Engineering, Menoufia University – Egypt | 2022.

Graduation Project: Design and studied the effects of outer fans in heat transfer of the heat exchanger with Grade: Excellent.

Technical Skills

- **Design Software:** AutoCAD, Revit (BIM), Hap, Elite (Fire), Duct Size-Pipe Size ...etc.
- **Office Tools:** MS Excel (Advanced), Word, PowerPoint, Outlook ...etc.
- **Commercial Skills:** BOQ Preparation, Quantity Surveying, Cost Control ...etc.

Personal Skills

- **Negotiation Skills**
- **Organization Skills**
- **Communication Skills**
- **Leadership Experience**
- **Problem Solving abilities**

Certifications & Courses

- **HVAC System Design**-Menoufia Faculty Of Engineer
- **Healthcare Hvac Design Design** – Udemy
- **Quantity Survey Mep** – Udemy
- **HVAC-Firefighting-Plumbing-Medical Gas- Engx**
- **Cost Estimation Course** – MEP Summary