



Loay Mamdouh Abdallah Hussein

Phone Number: +201033532550

E-mail address: l.m.abdallah@hotmail.com

Address: Alexandria-Tanta Road, Nada Smouha Compound, Building D
flat no. 412, Alexandria, Egypt

LinkedIn: www.linkedin.com/in/loay-mamdouh-14417461

Professional Summary

An ambitious and self-motivated experienced Mechanical Engineer, with fourteen years of experience in MEP works (Cost estimation, technical office works, quantity survey and procurement) for buildings construction and infrastructure works.

Professional Experience

Senior Mechanical Estimation Engineer

Arabian Construction Co. (Cairo, Egypt)

Dec 2022 – Present

- Studying tender documents: Specifications, drawings, BOQ, scope of work...etc. and preparing requests for information and queries to the client representatives.
- Arranging request for quotation packages in order to send to suppliers and specialists.
- Technical and commercial review and evaluation for the received quotations to recommend the most suitable supplier / subcontractor.
- Making the necessary quantity take off for the estimation process.
- Estimating the necessary accessories, fittings etc. costs to calculate the total dry cost for each item, in addition to the relevant labor cost, until finalizing the tender direct cost sheet.
- Making the final comparison between the (in-house) estimate and the ones received from subcontractors to select the suitable estimate.

Senior Mechanical Technical office Engineer

Redcon Construction, Sawary residential compound project (Alexandria, Egypt)

March 2021 - November 2022

- Assisting in site related technical office activities, i.e: Design review, Shop drawing, Quantity take off.
- Reviewing material technical submittals and samples and following up with consultant until obtaining approvals.
- Preparing requests for information and proposal (RFI & RFP), purchase requests, subcontractors' contracts and variation orders requests according to the project demands and conditions (Using Oracle)

- Preparing subcontractors and client payment requests, generating progress and target achievement related reports.
- Ensuring material control between project warehouses, site and subcontractors engineers.

Mechanical Project Engineer, Estimation department

Midmac Contracting Company (Doha, Qatar)

December 2016 - October 2020

- Careful study of tender documents: Specifications, drawings, BOQ, scope of work...etc. and preparing requests for information to the client representatives.
- Preliminary design calculations for mechanical systems (HVAC, plumbing, firefighting...etc.) for design and build projects.
- Arranging request for quotation packages in order to send to suppliers and specialists
- Reviewing and evaluating the quotations technically and commercially and recommending the most suitable supplier.
- Reviewing projects quantity take off and guiding the quantity surveying team.
- Evaluating the final estimation documents and making any changes to the extra overs, man-hours, etc.
- Providing the required assistance to the procurement team in evaluating the purchasing orders for the awarded projects.

Mechanical works Coordinator

Al Awad Group for Contracting (Riyadh, Saudi Arabia)

March 2015 - October 2016

- Liaising between sites and headquarters by providing technical support to site engineers: Mechanical design and material delivery issues, etc.
- Attending meetings with consultants to resolve major design and coordination issues.
- Coordinating with suppliers for technical submittals and material samples preparation.
- Submitting technical submittals and material samples to consultants and following up the approval status.
- Preparing material and equipment quotation requests, reviewing quotations from suppliers and ensuring compliance with project specs.
- Negotiations with suppliers about the material prices and following up the purchasing orders preparation.
- Checking delivered materials and ensuring their compliance to site demands, project specs and approved samples.
- Attending equipment performance tests.
- Reviewing subcontractors offers technical and commercial offers and attending negotiation meetings.
- Studying new projects tender documents, preparing quotation requests, technical and commercial quotations revision, estimating material dry cost and overhead and preparing tender break down sheet.
- Carefully studying the ongoing projects documents for variation orders documents preparation.

Technical Office Engineer

Al Awad Group for Contracting (Riyadh, Saudi Arabia)

December 2013 – February 2015

- Design, redesign and shop drawing execution for HVAC, Plumbing (Water supply & drainage) and Firefighting systems.
- Preparing material and equipment technical submittals.
- Following up with consultants for approvals of design calculations, shop drawings, technical submittals and material samples.
- Reviewing projects' BOQ's, technical specifications and tender drawings.
- Quantity take-off.

Technical Office and Site Engineer

United Group for Engineering and Contracting (Alexandria, Egypt)

January 2011 – November 2013

- Design, redesign and shop drawing for HVAC, Plumbing (Water supply & drainage) and Firefighting systems.
- Site visits and related reports preparation.
- Reviewing projects' BOQ's, technical specifications tender and shop drawings.
- Quantity take-off.
- Preparing technical and price offer requests.
- Following up with suppliers and selecting the most suitable offers.
- Performing all the technical negotiations with the suppliers up to placing the purchasing orders.
- Preparing the technical and price offers for the projects tenders.
- Leading site teamwork: Supervisors, duct technicians, plumbers, etc.
- Preparing inspection requests, receiving and checking delivered material and equipment.
- Checking as built drawings and preparing final quantity take off.

Education

BSc. of Mechanical Power Engineering

Alexandria University, Egypt

Graduation year: 2010

Grade: Good (72.3%)

Technical Skills

- **Software:** AutoCAD, HAP Carrier, Elite fire, Duct & pipe sizers, ASHRAE Duct Fittings Database, Microsoft Office Package, Oracle user
 - **Standards:** SMACNA, ASHRAE, IPC, NFPA
-

Spoken languages

- **Arabic:** Native tongue
 - **English:** Fluent Command (Reading, writing & conversation)
 - **French:** Very Good Command (Reading, writing & conversation)
 - **German:** Basic Command (Reading, writing & conversation)
-