

Mostafa Younes

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SUMMARY:

Senior Mechanical Estimation and Procurement Engineer with 6+ years of professional experience, including 4+ years specializing in MEP estimation, tendering, and procurement across the UAE. Experienced in preparing detailed cost estimates, reviewing drawings and specifications, quantity take-offs, supplier sourcing, quotation analysis, negotiation, and procurement of mechanical systems. Strong background in HVAC systems, with experience in Plumbing and Data Center projects. PMP® and CDCP® certified, with a proven ability to improve estimation workflows through advanced Excel and PlanSwift automation.

WORK EXPERIENCE:

❖ Senior Mechanical Estimation and Procurement Engineer

Jan 2026 – Aug 2026.

❖ Mechanical Estimation and Procurement Engineer

Jun 2022 – Dec 2025.

MENASCO Mechanical Contracting LLC | Dubai, United Arab Emirates

Selected Projects: Refer to the attached Project Portfolio.



Senior-Level Responsibilities

- Lead and review complete tender estimates prepared by the estimation team, checking BOQs, quantities, supplier quotations, pricing, and technical compliance before final submission.
- Guide junior estimators and coordinate final pricing and tender strategy with management, taking ownership of tenders through final review and submission.

Estimation & Tendering

- Review tender documents, drawings, specifications, BOQs, and project requirements to establish the complete mechanical scope of work.
- Perform quantity take-offs and prepare detailed cost estimates covering materials, labor, equipment, and other project-related costs based on project requirements and current market conditions.
- Prepare and issue RFQs to suppliers and subcontractors, evaluate technical and commercial quotations, and develop comparative statements for tender pricing.
- Identify and evaluate Value Engineering (VE) opportunities and alternative technical solutions to optimize project costs while maintaining required specifications and performance.
- Prepare competitive tender proposals and ensure all required scope and associated costs are incorporated in accordance with project and client requirements.
- Handle post-tender clarifications, technical and commercial queries, and pricing revisions during tender evaluation and negotiation stages.
- Prepare project cost budgets and detailed cost breakdowns based on awarded tender scope, final quotations, and project requirements.
- Support tender handover to project teams, providing detailed cost breakdowns, supplier quotations, assumptions, exclusions, and key technical and commercial considerations.

Procurement

- Source and evaluate suppliers and subcontractors based on technical compliance, commercial competitiveness, delivery requirements, and project specifications.
- Evaluate and compare technical and commercial quotations to support supplier and subcontractor selection.
- Negotiate prices, commercial terms, payment terms, and delivery schedules to achieve competitive project costs.
- Prepare and issue LOI in accordance with approved project budgets and technical requirements.
- Follow up on material submittals, procurement status, and deliveries to ensure materials are available in line with project requirements and schedules.
- Coordinate with project managers, engineers, suppliers, and subcontractors to resolve technical and commercial issues throughout the procurement process.

❖ Mechanical Site Engineer

Jul 2021 – Jun 2022.

MENASCO Mechanical Contracting LLC | Dubai, United Arab Emirates

The Projects:

- A100 – HUAWEI IRIS DATA CENTER - ABU DHABI -UAE.

Responsibilities:

- Supervised mechanical site activities, manpower, subcontractors, and installation works to ensure compliance with approved drawings, specifications, and project requirements.
- Reviewed technical drawings and coordinated site execution to ensure mechanical installations were carried out accurately and in accordance with approved designs.
- Monitored work progress against project schedules and prepared regular progress reports for site management.
- Coordinated material requirements and availability with procurement and other departments to ensure timely delivery and avoid delays to site activities.
- Provided technical support to installation teams and resolved site-related technical issues during the execution of MEP systems.
- Coordinated with project teams and subcontractors to ensure mechanical works met required quality, specifications, and project timelines.



❖ Mechanical Site Engineer

BALANCE Electromechanical Contracting | Cairo, Egypt

Jun 2020 – Jun 2021



The Projects:

- ECOPHAC Pharmaceuticals.
- Norma Boat
- Clean Room ECM Project.

Responsibilities:

- Supervised the installation and execution of chilled water, firefighting, and ductwork systems in accordance with approved drawings, specifications, and project requirements.
- Managed and coordinated site technicians, subcontractors, manpower, and materials to support planned construction activities.
- Prepared material take-offs and coordinated material requirements and availability to support project schedules.
- Prepared monthly invoices and monitored executed quantities and site progress.
- Prepared regular work progress reports and provided updates to site management.
- Provided technical support to installation teams and assisted in resolving site-related issues during mechanical works.

❖ Maintenance Engineer

Combi Egypt | Cairo, Egypt

Jan 2020 – Jun 2020



Responsibilities:

- Managed and coordinated the daily activities of maintenance personnel to support reliable equipment operation.
- Diagnosed and resolved mechanical equipment operational issues and supported troubleshooting activities.
- Read and interpreted mechanical drawings to support maintenance and repair activities.

❖ Trainee

- Tanta Petroleum Pipelines | Cairo, Egypt Jun 2017 – Jul 2017
- Egyptian Railways | Cairo, Egypt Jun 2017 – Jul 2017
- Cairo oil refining in Tanta | Cairo, Egypt Jun 2016 – Jul 2016

ACHIEVEMENTS:

- ❖ Developed an Excel/VBA-based MEP estimation and pricing system with a central control panel and automated tools for BOQ pricing, vendor comparison, budget checking, missing-price detection, and pricing audits, making the estimation process faster, more controlled, and more accurate
- ❖ Developed an automated vendor quotation comparison tool to evaluate multiple supplier offers, identify the most competitive pricing, and calculate total costs, improving the speed and consistency of commercial evaluations.
- ❖ Designed and standardized a PlanSwift quantity take-off template to streamline take-off activities and generate structured project summaries, improving consistency and efficiency across tender estimates.
- ❖ Optimized large and complex Excel estimation workbooks by improving file structure, performance, and calculation efficiency, reducing processing time and improving usability across large-scale project estimates.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT:

- ❖ AACE Certified Cost Professional - CCP® - In Progress
- ❖ Project Management Professional - PMP® - (Certificate ID: 4506578) Aug 2026 – Aug 2029
- ❖ EXIN EPI Certified Data Centre Professional - CDCP® - (Certificate ID: 6669947.20907231) Dec 2025 – Dec 2028
- ❖ McKinsey.org Forward Program Core Skills ([Credly](#)) Dec 2025
- ❖ HVAC Design course, Engineers House (48 Hours). Jan 2020 – Mar 2020

SOFTWARE & DIGITAL TOOLS:

- Microsoft Excel (Advanced) - Estimation, Cost Analysis, Pricing Tools & Automation
- PlanSwift - Quantity Take-Off & Estimation
- AutoCAD - Drawing Review & Coordination
- Revit - MEP Model Review
- Duct Sizer & Pipe Sizer
- Bluebeam Revu - Drawing Review & QTY Take-Off
- HAP - HVAC Load Calculations
- ASHRAE Duct Fitting Database

CORE COMPETENCIES:

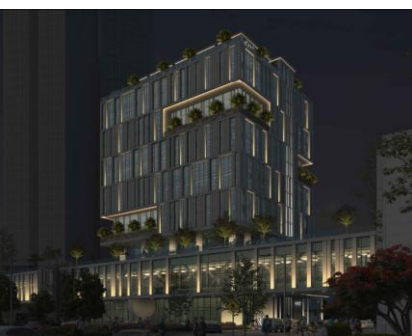
- MEP Cost Estimation & Tendering
- Cost Breakdown & Budget Preparation
- RFQ & Technical/Commercial Evaluation
- Supplier Negotiation & Strategic Sourcing
- Advanced Excel, Automation & Data Analysis
- Quantity Take-Off & BOQ Analysis
- Procurement & Vendor Management
- Value Engineering & Cost Optimization
- Tender Handover & Cross-Functional Coordination
- AI-Assisted Engineering & Estimation Workflows

EDUCATION:

- ❖ Bachelor of Science, Mechanical Power Engineering Jul 2013 – Aug 2018
 - Faculty of Engineering, Tanta University | Egypt
 - Overall Grade: Good
 - Graduation Project: Water Desalination Coupled with Solar Photovoltaic Systems
 - Graduation Project Grade: Excellent

PERSONAL INFORMATION:

- Nationality: Egyptian.
- Languages: Arabic (Native), English (Excellent)
- UAE Driving License: Valid

Project name	DIFC CP-05 Office Building	  
Employer	M/s. DIFC Investment Ltd.	
Consultant Name	M/s. Lacasa Architectural Consultants – Design & Supervision Consultant	
Contractor Name	ALI & SONS CONTRACTING COMPANY	
Project name	PCFC HQ Building (G+9+R) and Multi-storey Car Park (G+6+R)	
Employer	M/s Port, Customs and Free Zone Corporation (PCFC)	
Consultant Name	M /s Al Wasl Jadeed Consultants (AWAJ)	
Contractor Name	M/s Asia Prime General Contracting Co. L.L.C. (Asia-Prime)	
Project name	MADINAT JUMEIRAH LIVING PHASE 3B	 
Employer	MADINAT JUMEIRAH LIVING	
Consultant Name	M/s NEXT ENGINEERING CONSULTANTS	
Contractor Name	M/s AL SAHEL CONTRACTING COMPANY LLC	
Project name	VOLANTE 2 (B2+G+35 FLOORS) COMMERCIAL, HOSPITALITY, RESIDENTIAL TOWER ON PLOT NO. 346-544, BUSINESS BAY,DUBAI	  
Employer	M/s VOLANTE LIMITED	
Consultant Name	M/s FNP Architecture & Engineering	
Contractor Name	M/s PROLEED	
Project name	Towers 01 & 02 of Bay Residences Phase-I at Hayat Island in Mina Al Arab, Ras Al Khaimah, United Arab Emirates.	
Employer	M/s. RAK Properties PJSC	
Consultant Name	M/s. National Engineering BUreaU	
Contractor Name	M/s Al Oroba Contracting Co. LLC	
Project name	Towers 03 & 04 of Bay Residences Phase-I at Hayat Island in Mina Al Arab, Ras Al Khaimah, United Arab Emirates.	
Employer	M/s. RAK Properties PJSC	
Consultant Name	M/s. National Engineering BUreaU	
Contractor Name	M/s. Gulf Asia Contracting LLC	
Project name	City Center Residences.	
Employer	M/s Dar Al Arkan	
Consultant Name	M/s KHATIB & ALAMI	
Contractor Name	M/s. China State Construction Engineering	
Project name	Cavalli Casa Tower Located at Plot no. 382-7585, Al Sofouh Second,Dubai, United Arab Emirates.	
Employer	M/s DAMAC- Zenica Property Development LLC	
Consultant Name	M/s. Lacasa Architectural Consultants – Design & Supervision Consultant	
Contractor Name	M/s. China State Construction Engineering	
Project name	Vida-I-4 Block K (B+G+9F+R) Hotel,	 
Employer	M/s Al Jada Development LLC	
Consultant Name	M/s. Mimar Engineering Consultants	
Contractor Name	M/s. Gulf Asia Contracting LLC	

Project name	FIOII- Al Kifaf Development (Plot 4) Phase 111 on Plot 324-6447	 
Employer	M/s Park 1 - L.L.C	
Consultant Name	M/s Atkins engineering consultants	
Contractor Name	M/s SsangYong Engineering & Construction co. Ltd. Dubai Branch	
Project name	FIOII Kifaf Development Phase III (Plot 6) pubai, UAE Plot No. 324-6447	 
Employer	M/s Park 1 - L.L.C	
Consultant Name	M/s Atkins engineering consultants	
Contractor Name	M/s SsangYong Engineering & Construction co. Ltd. Dubai Branch	
Project name	(WT+6B+G+105+RF) Residential Tower Building at Plot no. 392-198 at Marsa, Dubai, U.A.E	  
Employer	M/s. London Gate Real Estate Development L.L.C	
Consultant Name	M/s. National Engineering BUreaU	
Contractor Name	M/s Al Serh Al Kabeer Construction L.L.C	
Project name	CS054A - Mangrove Residences (Plot 2)	 
Employer	M/s Expo city Dubai	
Consultant Name	M/s KLINQ CONSULT ARCHITECTS AND ENGINNERS	
Contractor Name	M/s Shapoorji Pallonji Mideast (L.L.C)	
Project name	ORLA RESIDENTIAL DEVELOPMENT ON PLOT PJCRC17A PALM JUMEIRAH, DUBAI	 
Employer	M/s. CRESCENT 17 REAL ESTATE DEVELOPMENT LLC	
Consultant Name	M/s. P&T ARCHITECTS ENGINEERS LTD	
Contractor Name	M/s. INNOVO BUILD LLC	
Project name	DAMAC BAY 1	
Employer	M/s DAMAC- Zenica Property Development LLC	
Consultant Name	M/s. KEO	
Contractor Name	M/s. China State Construction Engineering	
Project name	VANGUARD Proposed 4B+G+3P+12 FL. RESI+MECH+20 FL. RESI+ HEALTH CLUB BUILDING on Plot No. 3920561, at DMC, Dubai	
Employer	M/s LONDON GATE REAL ESTATE DEVELOPMENT	
Consultant Name	M/s SAFEER	
Contractor Name	M/s AFAQ CONTRACTING	
Project name	VELA BY OMNIYAT	
Employer	M/s OMNIYAT	
Consultant Name	M/s RICE PERRY ELLIS	
Contractor Name	M/s ARABIAN CONSTRUCTION COMPANY	
Project name	The Alba on The Palm Crescent, Palm Jumeira	
Employer	M/s OMNIYAT	
Consultant Name	M/s. P&T ARCHITECTS ENGINEERS LTD	
Contractor Name	M/s. INNOVO BUILD LLC	