

# Muhammad Hany Abouelenin

Mechanical Technical & procurement Engineer

Riyadh, Saudi Arabia

muhammadabouelenin@gmail.com

linkedin.com/in/muhammad-hany2040 Mobile +966530622362

## Summary

Experienced MEP & Infrastructure Engineer with over 7 years in construction, having contributed to high-profile projects across renowned companies. Seeking a Mechanical Engineer position to leverage my expertise in MEP systems and infrastructure. Committed to proactively enhancing project success and contributing to your company's continued reputation.

## Personal information

- **Date of Birth:** 01/06/1994
- **Material Status:** Married
- **Driving licence:** Saudi and Egyptian are available

## Skills

- |  |             |                 |               |
|--|-------------|-----------------|---------------|
| ✓ Shop drawing                             | Procurement | Quantity survey | Invoices      |
| ✓ Infrastructure                           | HVAC        | Firefighting    | Plumping      |
| ✓ Swimming pool, Fountains& water Features |             | Quality Control | Pump stations |

## WORK EXPERIENCE

### **Abdullah Ibrahim Al Sayegh & Sons Contracting**

Riyadh, Saudi Arabia

- **Procurement Department at Head office** **01/2025 to present**  
**Mechanical Procurement engineer**
  - Identify, evaluate and select suppliers for materials for engineering projects.
  - Develop and manage a supplier base to ensure continuous and cost-effective supply.
  - Negotiate terms, prices, and delivery schedules with suppliers.
  - Issue purchase orders and ensure timely procurement of materials and services.
- **Construction of TSE Network for Green Riyadh Program – Group 5A** **04/2024 to 01/2025**  
**Consultant:** ILF Consulting Engineers **Owner:** Royal Commissioning of Riyadh City (RCRC)  
**Mechanical Technical office engineer**
  - Quantity Survey for pipes and fitting for 150 km networks and 316 Valve chambers.
  - Shop drawing for 10 types of Valve chambers and suggested Proposals.
  - Manage Pre-Qualifications and Material submittal for 2 types of pipes and other Mechanical items.
  - Manage Method of statements and ITP for Mechanical items.
  - Coordinates with over 15 suppliers for all Mechanical items.
- **Sky for Trading and Contracting** **Polygon 5 Sodic west, Giza Governorate**  
**Mechanical Site & Technical office engineer** **1/12/2021 to 4/2024.**  
**Mange 4 projects (IL-Monte Galal, Fouka -Bay, Bloomfield's and O-West)**

<b>Project:</b> O-West	<b>Consultant:</b> Shaker Group	<b>Owner:</b> Orascom Development
<b>Project:</b> IL-Monte Galal	<b>Consultant:</b> Shaker Group	<b>Owner:</b> Tatweer Misr
<b>Projects:</b> Fouka Bay-Bay	<b>Consultant:</b> Mitto Consult	<b>Owner:</b> Tatweer Misr
<b>Project:</b> Bloomfield's	<b>Consultant:</b> Shaker Group	<b>Owner:</b> Tatweer Misr

## Duties and responsibilities

- Study projects and identify any Changes that lead to variation, doing breakdown and follow all documents with consultant and owner till final Approval at more than 8 projects.
- Coordinate with suppliers for Materials approvals.
- Mange Material submittals, RFI and RFP for wet infrastructure and Main Machine room.
- Shop drawing and Quantity survey for about 10 km of Wet infrastructure Networks for Club.

- Composite Drawing Wet and Dry infrastructure Networks for Club at O-West -Orascom Development.
- Shop drawing for Plumping system for 3 Plots.
- Shop drawing, Installation for Plumping system for about 10 Villas and 50 units.
- Shop drawing and installation for about 1.5 km of wet infrastructure at Family Beach-04.
- Quantity survey and Invoices for Owner and sub-contractor for 3 contracts.
- As built and handling over for Main spine networks (about 2 km Wet infrastructure, 3 Lift station and 3 water Features).
- Shop drawing and Quantity survey for more than 30 of Wet infrastructure.
- Composite Drawing Wet and Dry infrastructure Networks.
- Composite Drawing for about 50 km of Wet and Dry infrastructure Networks.
- Shop drawing for 2 Swimming pools (pool-04 & Pool 2&3).
- Composite drawing for about 5 km of infrastructure networks around pool -04.
- Shop drawing for Main pump station, 7 lift stations and 2 sump pits at infra-B.
- Installation of Lagoon 5 valve chambers (Bottom Cleaning, Bottom Drainage, Flow meter, Gate and Air Chambers).
- Installation for Mechanical works at 6 Sump pits.

▪ **Mechanical Engineer**

6<sup>th</sup> October City, Giza.

17/8/ 2019 to 1/12/2021

**Project:** October Plaza

**Consultant:** EHAF Consulting Engineers

**Owner:** SODIC

Duties and responsibilities

- Manage Incoming & Outgoing Correspondence (MS, MIR, SD, AS, QS, RFI, IR's, VO, ERI and invoices, with Owner and Consultant through Project life time.
- Manage Variation, prepare Breakdown and lead discussion with owner till approval for 7 million EGP.
- Installation of 3 networks pump station (Firefighting, Water and irrigation pumps).
- Calculation, Design and installation for 800 meter Forced Sewage line including Pump station and pipes.
- Calculation, Design and installation for heating system for adult and kid's pool.
- Check Design, Shop drawing and installation for Mechanical systems at 2 adult and kid's pools.
- Installation for Firefighting, Plumping and ventilation system for 5 Buildings.
- Quantity surveys for 3 wet infrastructure networks and other Mechanical items.
- Manage material submittals and Purchase order with consultant and suppliers.

▪ **El-AFIFI Consultant office**

As Sarayat, Al Waili, Cairo.

2/2/2019: 15/8/2019

**Project:** Building of the Economic and Social Security Sector

**Owner:** Ministry of interiors

**Junior Mechanical Engineer.**

Duties and responsibilities

- Supervision for installation and testing systems for 1600 TR, FCU, 10 AHU and 70 ton of ductwork.
- Supervision for installation and testing pipes for more than 2600 of different types of sprinklers.
- Supervision for installation and testing plumbing systems for bathrooms.

**EDUCATION DETAILS**

Bachelor's Degree in Mechanical Engineering

Kafr El sheikh university – 7/2017 - Grade: Very Good

Graduation project: - Design of Central Air conditioning system for Faculty of Pharmacy with Grade: Excellent

**Languages,**

1. Arabic is mother tongue.
2. English very good in Speaking, Reading, Writing and Listening.

**Professional Skills**

- ✓ AutoCAD 2D
- ✓ Microsoft office (Excel – word).