

CIVIL ENGINEER: MOHAMED THARWAT SAYED

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OBJECTIVE

Highly Motivated and detail-oriented Civil Technical Office & Site Engineer with about 5 years of experience in infrastructure industry (Sanitary Engineering & Construction Field). Seeking a challenging position to maximize my discipline skills utilizing in mega projects planning, technical support, control and managing, aiming to contribute towards the growth and success of a dynamic company with my strong work abilities, problem solving, communication skills and commitment to quality.

WORK EXPERIENCE:

Senior Technical office Engineer:

[Al Bonyan Capital \(Dec, 2025 – Now\)](#).

- **Project:** Wadi Safar-AmanSamar Hotel&Branded Residences in Kingdom of Saudi Arabia.
- **Location:** Saudi Arabia, Ridah, Diriyah.
- **Discription:**
 - The project consists of excavation and backfilling works (earthworks) for 12 villas, including civil, structural, and architectural works.
 - in addition, the project includes mechanical, electrical, and plumbing (MEP) works, infrastructure connections, drainage works, landscaping, and paving works.
- **Employer:** Al-Diriyah Company.
- **Consultant:** V3 Middle East Engineering Consultants Co.
- **Main Contractor:** Al Bawani & UCC Joint Venture - BUJV.

- **Project:** Faena Hotel & Branded Residences External Work Utilities Package.
- **Location:** Saudi Arabia, Ridah, Diriyah.
- **Discription:**
 - The project involves the execution of sanitary sewer and stormwater drainage lines (UPVC & HDPE, DN from 110 - 1500 mm), including all associated excavation, bedding, backfilling, testing, and commissioning works, with a total network length of approximately 40 km.
- **Employer:** Al-Diriyah Company.
- **Consultant:** V3 Middle East Engineering Consultants Co.
- **Main Contractor:** Al Bawani & UCC Joint Venture - BUJV.

Senior Technical office Engineer:

[Roaia For Constructions \(Dec, 2024 – Nov 2025\).](#)

➤ **Project:** Contract for the implementation of sewage networks in Al-Muzahimiyah Governorate (Phase II).

○ **Location:** Saudi Arabia, Ridah, Almuzahimiyah.

○ **Discription:**

- Total gravity sewer pipelines (UPVC & CHDPE, DN from 160 - 700 mm), total length = 101 Km.

○ **Employer:** National Water Company (NWC).

○ **Consultant:** Yarda Engineering Consultants.

○ **Main Contractor:** Al-Sabq Al-Arabi Trading &Cont Co (SATC).

Technical Office Engineer:

[ES-SPECTRA For Engineering Services & Specialized Contracting Co. \(May, 2023 – Oct, 2024\).](#)

○ **Project:** FAYOUM WASTEWATER EXPANSION PROGRAM - FAYOUM DISTRICT – CLUSTER (F.01), CONSTRUCTION OF SEWAGE NETWORKS FOR VILLAGES OF BANI SALEH, EL JALLABAH & IZ AL WAQF AL KABEER.

○ **Discription:**

- Total gravity sewer pipelines (UPVC & CHDPE, DN from 160 - 700 mm), total length = 41.6 Km.

- Total force main pipelines (HDPE, DN 225 & 280 & 350 & 500 mm), of total lengths = 4.70 Km.

- Four Pumping Stations (Main PS and three Secondaries), with discharges of (115, 31, 54, 20) L/Sec.

○ **Employer:** Holding Company for Water & Wastewater (HCWW).

○ **Financier:** EU & EIP Banks.

○ **Consultant:** (Stantec & EGEC).

Technical Office Engineer:

[ES-SPECTRA For Engineering Services & Specialized Contracting Co. \(Feb, 2022 – April, 2023\).](#)

○ **Project:** EL SHOUKA VILLAGE WASTEWATER COLLECTION SYSTEM PROJECT – TEMA - SOHAG.

○ **Discription:**

- Total gravity sewer pipelines (UPVC, DN from 160 - 800 mm), with total length = 22.50 Km.

- Force main pipeline (HDPE, DN 200 mm) of length 160 m.

- Pumping Station with discharge of 40 L/Sec.

○ **Employer:** Holding Company for Water & Wastewater (HCWW).

○ **Financier:** USAID Egypt.

○ **Consultant:** (CDM ^{Smith} with Chemonics ^{Egypt}).

Technical Office Engineer:

[ES-SPECTRA For Engineering Services & Specialized Contracting Co. \(Nov., 2020 – Jan., 2022\).](#)

- **Project:** QANTEER WASTEWATER TREATMENT PLANT – FAQUS – AL SHARQUEIYAH.
- **Discription:**
 - Construction & operating of SBR treatment system plant with capacity of 10,000 m³/day.
- **Employer:** Holding Company for Water & Wastewater (HCWW).
- **Financier:** World Bank.
- **Consultant:** (AIDAR – Consulting Engineers I Cairo).

Education:

El Minya Higher Institute of Engineering and Technology.

- **Bachelor's Degree in Civil Engineering** (AUG, 2015 - JUL, 2020).
- **Graduation Project:** Reinforced Concrete Design of a 75-story multi-purpose skyscraper, including residential, administrative, and sports facilities. The building consists of five basement/ground levels designated for parking, the sixth floor allocated as a gymnasium, and 69 typical repeated residential floors.
- **Graduation Project Grade:** Excellent.

Personal Details:

- Nationality: Egyptian.
- Current Location: Riyadh.
- Birth Date: 02/11/1997.

TECHNICAL & SOFTWARE SKILLS:

- Member of the Saudi Council of Engineers (SCE).
- PMP Project Management Professional-in Progress.
- ICDL International Computer Driving License.
- AutoCAD (2D & ASD).
- Civil 3D.
- Structural Analysis and Design Professional Diploma.
- Professional Civil Technical Office Engineer Diploma.

Profession Tasks:

- Proficient in pricing items and preparing cost estimates.
- Aware of civil infrastructure engineering standards & projects special requirements & conditions.
- Prepare shop drawings for all civil work & related items and being involved till the drawings got approved.
- Comparison of architectural drawings with structural, electrical, and mechanical drawings, reviewing their coordination and compliance, and implementing the required modifications accordingly.
- Conduct the quantity surveying for any executed work item & prepare the relevant measurement sheets to be officially submitted.
- Prepare all support documents to produce the customer invoice and follow-up when review by the project owner till issuing.
- Follow-up the productivity rates of the sub-contractors and create the internal daily/weekly reports for the project manager to be well-monitored producing their monthly invoices.
- Coordinate with the implementation team to create the official daily/weekly/monthly reports to be submitted to the Engineer.
- Collaborate with the implementation team & project manager to find out any item modification required to be handled and discussed with the Engineer till be approved to execute.
- Produce the project materials measurement lists to acquire purchasing orders.
- Familiar with all paperwork and documentation process to maintain total workflow.
- Review drawings, construction materials, BOQs, RFIs, and NCRs, and ensure proper closure.
- Review and approve Inspection and Test Plans (ITP) and Quality Control Plans (QCP) and ensure compliance of works with the Saudi Building Code and regulatory requirements.
- Verify work progress percentages and recommend payment of interim invoices in accordance with approved forms and regulatory requirements.
- Coordinate work between the contractor, consultant, and service authorities, and lead coordination meetings.
- Support pre-handover inspections (Snagging) and initial/final handover.
- Collaborate with the implementation team and prepare the as-built drawings and final documentation when the project closing stage.
- Aware of all project plans (quality & HSE) and management aspects.
- Do multi-tasking work with priorities to ensure on-time work finalizing.