

Ahmed El-Sayed Farahat

Infrastructure Senior Engineer

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Damam, Kingdom of Saudi Arabia

Nationality: Egyptian

Summary:

Dedicated Infrastructure Engineer with +9 years of experience specializing in the implementation, and maintenance of sewage and water networks. Skilled in conducting feasibility studies, system modeling, and hydraulic analysis to ensure compliance with environmental regulations and industry standards. Strong project management abilities, with a track record of successfully overseeing multi-disciplinary teams and coordinating with stakeholders to deliver projects on time and within budget. Committed to leveraging innovative technologies and best practices to improve infrastructure resilience and community health.

Work Experience:

• **Al Omir Trading and Contracting Co.**

Damam, Saudi Arabia

Job title: Senior Engineer (NWC Approved)

December 2025 to present

- **Key Responsibilities:**

- Supervise and manage on-site execution of infrastructure works, ensuring compliance with project specifications and National Water Company (NWC) standards.
- Oversee construction of sanitary sewer networks, ensuring proper installation, alignment, and testing.
- Manage construction and operation of sewage lifting (pumping) stations.
- Coordinate and monitor dewatering activities to maintain safe and dry working conditions.
- Supervise excavation works and implement shoring systems to ensure excavation stability and safety.
- Ensure adherence to project schedule, quality standards, and safety regulations.
- Coordinate with subcontractors, consultants, and project stakeholders to ensure smooth workflow and timely delivery.
- Review drawings, method statements, and technical submittals to ensure compliance with project requirements.
- Monitor site progress and prepare daily/weekly reports.

• **Al-Bunyan Establishment Limited**

Riyadh, Saudi Arabia

Job title: Regional Manager

December 2023 to December 2025

- **Key Responsibilities:**

- Carried out detailed studies and planning for bridge maintenance projects, focusing on resource allocation (manpower, materials, equipment) and execution strategies.
- Closely followed up on daily site activities, ensuring that execution aligns with project drawings, specifications, and safety standards.
- Actively involved in site inspections, work progress tracking, and quality control throughout all stages of the project.
- Supervised and coordinated with foremen and site crews, providing technical support and on-the-ground direction.
- Participated in project coordination meetings with clients and consultants to resolve site issues and clarify requirements.
- Maintained accurate site documentation including progress reports, material deliveries, and inspection logs.

- Oversaw key repair works such as expansion joint replacement, concrete restoration, waterproofing applications, and bearing system installation.
- Supervised structural strengthening works using Carbon Fiber Reinforced Polymer (CFRP) systems, ensuring adherence to manufacturer specifications.
- Monitored productivity rates and work outputs to ensure optimal efficiency and timely project delivery.
- Reviewed contract documents, project drawings, and method statements.
- Conducted delay analysis and assisted in preparing extension claims with supporting documentation.

● **AMAC Construction Company**

Cairo,

Egypt

May 2021 to November

Job title: Project Manager

2023

- **Key Responsibilities:**

- Managed multiple large-scale infrastructure projects under the *Haya Karima* initiative and the national wastewater development program, with a total value exceeding EGP 525 million.
- Led the execution of a **tertiary wastewater treatment plant (EGP 300M)** in Abu Dehoum Village, including aeration tanks, sedimentation tanks, sludge drying beds, chlorination systems, blower and service buildings.
- Supervised construction of **sewer networks (35 km)** in Al-Ghaba Village with depths up to 7m, including trench shoring, deep well dewatering systems, and a lifting station executed باستخدام caisson sinking method.
- Oversaw execution of **29 km sewer networks** in Bahr Abu Al-Mir Village, including deep excavations, dewatering, and lifting station construction.
- Managed construction of multiple **pumping stations (wet wells up to 15m depth)** in Khalaf Village and Atamna Al-Mazare'a Village using open-cut excavation techniques.
- Coordinated site activities, subcontractors, and stakeholders to ensure timely delivery within budget and quality standards.
- Ensured compliance with safety regulations, technical specifications, and project requirements.

Job title: Construction Manager

May 2020 to May

2021

- **Key Responsibilities:**

- Led the completion of **Um Dinar High-Level Tank Water Station (EGP 45M)**, including finalization of the main water system and internal distribution networks.
- Supervised installation of internal pipelines and construction of valve chambers to ensure full operational readiness.
- Coordinated with consultants and site teams to achieve project milestones on time and within budget.

Job title: Construction Manager

January 2019 to May 2020

- **Key Responsibilities:**

- Led the execution and completion of major water and utilities infrastructure projects, including the Um Dinar High-Level Tank Water Station (EGP 45M) and Degla Zahraa El Maadi Utilities Project.
- Managed construction of water supply and sewerage networks, ensuring full compliance with project specifications and quality standards.
- Supervised installation of internal pipeline networks and construction of valve chambers to ensure system functionality and operational readiness.
- Coordinated with consultants, subcontractors, and site teams to maintain smooth workflow and achieve project milestones on time and within budget.

- Monitored project progress, resolved technical issues, and ensured adherence to safety and engineering standards.

Job title: Site Engineer

October 2017 to January 2019

- Key Responsibilities:

- Supervised execution of 40 km water networks and 35 km sewer networks, including construction of 25 valve chambers (shut-off, air, and washout).
- Managed installation and testing of pipelines (UPVC, HDPE, DCI, steel), ensuring compliance with standards.
- Executed dewatering, trench support, and house connection works including inspection chambers and stormwater systems.
- Participated in construction of pumping stations and structural works for treatment facilities.
- Conducted site inspections, troubleshooting, and ensured quality and safety compliance across all activities.

Technical and Computer Skills:

- AutoCAD
 - Microsoft Excel – Data Analysis, Quantity Sheets
 - Microsoft Word – Reports, Documentation
 - Microsoft PowerPoint – Presentations, Progress
 - Power BI – Dashboards, Visualization
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Education:

Bachelor of Civil Engineering

Nile Academy | 2012 – 2017

Graduation Project: Properties of Materials – Grade: Excellent

Memberships and Certificates:

- Registered Member at the Saudi Council of Engineers (SCE).
 - Member of the Egyptian Engineers Syndicate.
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Languages:

- Arabic
- English