

AHMED ABDELSALAM

Technical Office Infrastructure Engineer

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Transferable Iqama

Summary:

I am a Civil Engineer with 6 years of experience in the field of infrastructure engineering seeking a challenging opportunity with a reputable company where my skills, experience and academic background can be implemented, utilized and professionally developed and take this establishment to an advanced level during my position.

Education:

Faculty of engineering Kafr Elsheikh University.

Sep 2014 – June 2019

Bachelor's (B. SC.) Degree in Civil Engineering.

Member of the Saudi Council of Engineers

Member of the Egyptian Engineers Syndicate

Work experience:

Modern Accuracy for Contracting (AMC).

Saudi Arabia

Job title: **Technical Office Engineer**

Jeddah

10/2024 – Until now

Project 1: Drainage Solution for Al-Manar Area (Nf59) Additional Lines Implementation of a rainwater drainage line (GRP pipes). The connection is made to the existing rainwater network to implement a flood line and implement rain traps to drain it to the existing network. The total length of the main network to be implemented is 24100 meters with a diameter of 600 mm and 8140 meters with a diameter of 500 mm and 21800 meters with a diameter of 300 mm including install MH & PRD and CB.

Owner: Jeddah Municipality

Consultant: Vision Dimensions for Consulting

Modern Accuracy for Contracting (AMC).

Saudi Arabia

Job title: **Technical Office Engineer**

Jeddah

06/2024 – Until now

Project 2: Construction of Portable Water Networks in AL-Qarnyah District. This project comes within the objectives of the National Water Company to achieve sustainable development in meeting the needs of citizens for drinking water and sanitation services in the Kingdom with a total length of approximately 42500 meters and diameters ranging from 110 mm to 600 mm (HDPE & DI Pipes).

Including install chambers for Air & Washout & Flowmeter & Butterfly & PRV and Gate Valves.

Main Contractor: AL-Sabq AL-Arabi Company for Trading & Contracting (SATC)

Owner: National Water Company (NWC).

Consultant: YARD Consulting Engineers.

International Company for Constructions (ICC).

Egypt

Job title: **Technical Office Engineer**

Menoufia

09/2023 – 6/2024

Project 3: Sewage works for Qashtoukh, Al-Bandaria and Ahmed Suleiman Al-Tawkhi estate, AlKamaisha complex - Tala - Menoufia Governorate. Gravity networks - Discharge lines - Lifting stations.

Financier: The world Bank (Sustainable Rural Sanitation Services Program).

Consultant: Enviro Consult.

International Company for Constructions (ICC).

Egypt

Job title: **Quantity surveyor**

Damietta

12/2022 – 09/2023

Project 4: Establishing 6 pump sewage stations and the associated discharge lines, line rooms, tunnel runners, septic tanks, water and sewage networks.

Financier: Holding Company Water and Wastewater

Consultant: INFRA Engineering Consultants.

Key Responsibilities:

- Accurately prepare a quantitative inventory of all project items.
- Prepare monthly statements for the contractor and consultant.
- Prepare revised bills of quantities based on actual developments on site.
- Coordinate daily technical work with the site team and consultant.
- Review implementation plans and ensure compliance with approved specifications and standards.
- The document completed work and updated periodic technical reports.
- Follow up on any comments from supervising authorities and address them.
- Analyze tender documents and technical specifications and prepare the necessary technical proposals and files for bidding.
- Document Management: Update and manage all technical documents ensuring they comply with required standards and specifications and keep them organized and easily accessible.
- Engineering Drawings Design: Utilize design software such as AutoCAD and Civil 3D to create and design engineering drawings and plans.
- Team Coordination: Coordinate between different work teams, including engineers, contractors, and clients, to ensure the effective and efficient implementation of all technical aspects of the projects.
- Report Preparation: Prepare periodic reports detailing work progress, project status, challenges faced, and proposed solutions.
- Progress Monitoring: Track the progress of the project to ensure it adheres to the scheduled timeline and plan and conduct field visits to ensure technical specifications are being met.
- Change Management: Handle any changes or modifications to the scope of work or technical drawings, and ensure these changes are properly approved and followed up.
- Technical Meetings: Attend technical meetings with clients, consultants, or contractors to discuss project details and ensure all parties agree on the plans and required standards.
- Ensure compliance with design specifications and regulatory requirements.

International Company for Constructions (ICC).

Egypt

Job title: **Site engineer**

Giza

06/2019 – 12/2022

Project 5: Establishing 4 sewage pump stations and the associated discharge lines, air chambers, washout chambers, flowmeters chambers, valves chambers, slowdown chambers, septic tanks, driving and receiving pits, sewage networks and house connections (diameter 110 mm to 650mm).

Trenchless construction includes Micro Tunneling Method (MTM), Horizontal Directional Drilling (HDD) and Pipe Jacking (PJ)

Financier: Arab Fund for Economic & Social Development

Consultant: MISR CONSULT.

Key Responsibilities:

- Supervision of Execution: Monitor the execution process on-site to ensure all work is carried out according to plans and technical specifications.
- Coordination with Different Teams: Coordinate between different teams such as workers, engineers, and contractors to ensure smooth and efficient workflow.
- Quality Assurance: Conduct regular inspections to ensure all work adheres to the required quality standards.
- Materials Management: Oversee the receipt of materials, ensure proper storage, and efficient usage.
- Problem-Solving on Site: Address immediate issues that may arise during execution and provide quick and effective solutions.
- Report Preparation: Submit periodic reports on work progress and project updates to project management or clients.
- Safety Assurance: Ensure all activities are conducted in compliance with occupational safety and health standards and conduct necessary training for workers.
- Schedule Management: Ensure all work is executed according to the specified timeline, making necessary adjustments to maintain progress.
- Inspection of Executed Work: Verify that completed work aligns with plans and specifications, documenting any notes or changes.

Computer Skills:

- AUTOCAD
- EXCEL
- WATER GEMS(Study).
- SEWER GEMS(Study).
- CIVIL 3D
- OFFICE
- WATER CAD(Study)
- SEWER CAD(Study)

Certifications and Training Courses

- Full Wet Utilities Design course (137 Hours) (Study).
Instructor: Eng. Aly Fathy
Description: Designed water and sewer networks using software like Water CAD and Sewer GEMS.
- BIM Infrastructure Diploma (86 Hours) (Study).
Instructors: Eng. Mohamed Kamel & Eng. Ahmed Elshaday
Description: Applied BIM methodology for infrastructure projects using Revit and Civil 3D.3.
- Management and Implementation of Infrastructure Projects
Instructor: Eng. Abd eltawab Sharaf Aldeen (60 Hours)
Description: Strategic planning and management of infrastructure projects.
- Infrastructure QS Course (30 Hours)
Instructor: Eng. Mohamed Araby
Description: Quantity surveying and estimation for infrastructure projects.
- Cost Estimation Course
Instructor: Eng. Omar Fouad (27 Hours)
Description: Cost estimation for construction and infrastructure projects.
- Site Works Training diploma (200 Hours)
Instructor: Eng. Mostafa Afifi
Description: Supervision of construction works and finishing

Languages:

- English.
- Arabic (Native Language).