

Mostafa Fathi Askar

Senior Civil Engineer | Wet Utilities & Drainage Networks

Personal Profile

- Nationality: Egyptian
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Career Objective

Civil Engineer with extensive experience in large-scale infrastructure projects, specializing in wet utilities, water and wastewater networks, stormwater drainage, and contract management. Proven ability to lead complex projects, optimize resources, and ensure full regulatory compliance. Skilled in delivering cost-effective, high-quality solutions that drive sustainable urban development. Seeking to apply my expertise in solving engineering challenges and advancing critical infrastructure projects.

Education

Misr Higher Institute for Engineering & Technology (MET Academy)

- B.Sc. in Civil Engineering (2016)
- Final Year Grade: Very Good
- Cumulative GPA: Good (73%)
- Graduation Project: Sanitary Engineering (Grade: Excellent)

Professional Experience

Project Manager | Delta for Infrastructure Works (2021 – Present)

- Directed and delivered large scale infrastructure projects, ensuring efficiency, quality, and sustainability.
- Engineered over 20 km of stormwater drainage networks, optimizing water flow and minimizing flood risks.
- Managed contracts and budgeting, reducing project cost by 15% while maintaining full regulatory compliance.
- Enhanced resource management and cost control, delivering project on time and within budget.
- Collaborated with agencies and contractors to streamline operations, achieving regulatory compliance and cost-effective project execution.

Key Projects:

Infrastructure Construction for Residential Districts 1, 2, and 3 – New Capital (ACUD)

Owner: (ACUD) | Main Contractor: Gama Construction

- Led the execution of 2,000 meters of main sewer lines (1,000 mm diameter) in challenging soil conditions and installed over 3,000 meters of water pipelines (up to 500 mm diameter), including all associated manholes and valve chambers, optimizing system efficiency and ensuring long-term performance.
- Ensured seamless integration of infrastructure networks, enhancing operational efficiency and long-term sustainability.
- completed the project in schedule with a total value of EGP (91 million), adhering to industry standards and contractual requirements.

IL Bosco City Infrastructure – Phase 1 & 2 – New Capital

Owner: Misr Italia | Main Contractor: MEP Construction

- Oversaw the construction of wastewater, stormwater, water supply, irrigation, and firefighting networks using HDPE and uPVC pipes (up to 630 mm), ensuring compliance with the city's master plan and optimizing long-term efficiency.
- Successfully delivered the project three months ahead of schedule, enhancing efficiency while maintaining superior quality standards.

Agricultural Irrigation & Drainage Project – Middle Ring Road & Capital Monorail

Owner: (ACUD) | Main Contractor: Al Huda Co.

- Developed and deployed advanced irrigation solutions to optimize water distribution and sustainability along key transportation corridors.
- Installed agriculture drainage systems beneath the monorail, improving landscape irrigation and long-term environmental resilience.

Stormwater Drainage System for River Green Mall, MU23 Mall Area

Owner: MBG Company

- Directed the design and execution of a high-capacity stormwater drainage network, effectively reducing flood risks and enhancing urban resilience.

Site Engineer | Mohamed Abdelwahab Mahmoud Co. (June 2018 - Aug 2021)

- Led supervisory teams and subcontractors in major wet utilities & infrastructure projects across New Capital, Governmental District, and Al-Amal Axis facilities (EGP 755M).
- Coordinated construction activities, resource allocation, and compliance with industry standards.
- Supervised on-site operations, quality control and safety protocols, ensuring seamless workflow and cost effective execution.
- Worked closely with consultants, contractors, and regulatory bodies to align project goals and resolve technical challenges.

Site Engineer | Sodcks for Electromechanical and Firefighting Systems (Dec 2017 - Apr 2018)

- Managed the Installation of testing, and commissioning of fire protection systems, including water- and gas-based suppression systems (sprinkler, FM200, CO₂, hydrants).
- Executed fire protection system implementation for AkzoNobel Factory in 6th of October City, ensuring full compliance with NFPA standards and safety regulations.
- Successfully completed the project on schedule, meeting the highest quality and safety requirements.

Technical Skills

- AutoCAD 2D, Civil 3D, SAP 2000, ETABS, Microsoft Office (Excel, Word)

Personal Skills

- Project & Infrastructure management – Leading and delivering complex infrastructure projects efficiently.
- Utility & Drainage systems – Designing and implementing water, wastewater, and irrigation networks to meet high standards.
- Risk Assessment & Problem-Solving – Identifying challenges and applying innovative solutions.
- Cost optimizing & budgeting – Maximizing cost control while maintaining high project quality.
- Contract negotiation & Compliance –aligning contracts with engineering and regulatory standards.
- Stakeholder coordination – Managing communication between clients, contractors, and government entities streamline project execution.
- Team Leadership & Decision-Making – leading teams effectively and making critical decisions under pressure.
- Time management & Multitasking – Effectively handling multiple tasks and meeting tight deadlines.

Languages

- Arabic: Native Proficiency
- English: Good Command