

Mohamed Tarek Faramawy

Riyadh, Saudi Arabia – mhmdtfaramawy@gmail.com

Phone Number: +966551570922

Objective:

A skilled Project Engineer specializing in water treatment sector, with a strong background in managing and executing complex projects from planning through to successful delivery. Proficient in optimizing engineering processes and enhancing system efficiency to achieve sustainable and effective outcomes. Adept at coordinating cross-functional teams and implementing innovative solutions that align with environmental standards and safety regulations, while consistently meeting project goals within budget and timeline. Seeking to contribute to strategic projects that enhance water resource management and promote sustainability

Education:

Bachelor Degree of Mechanical Engineering | Shubra Faculty of Engineering, Benha University, 2011–2016

Work Experience:

Senior Project Engineer | Giza Arabia systems - Riyadh, Saudi Arabia

JAN 2024–PRESENT

- Develop project plans, timelines, and milestones; track progress and make adjustments as necessary.
- Coordinate with various internal and external stakeholders (e.g., clients, contractors, vendors)
- Identify project risks and develop mitigation strategies to avoid delays or cost overruns.
- Ensure projects are executed within the allocated budget and perform cost analysis to identify areas for improvement.
- Prepare and present project budgets, forecasts, and reports to management and clients
- Resolve any client concerns or technical issues that arise during the project.
- Ensure effective communication of technical concepts to non-technical stakeholders

PROJECTS:

- Installation and replacement of electromagnetic flowmeter for wells in middle and eastern clusters.

Project Engineer | Metito Water Treatment - Egypt

JULY 2022–PRESENT

- Develop and manage project Schedule, ensuring alignment with overall project objectives.
- Coordinate with design, procurement and construction teams to ensure smooth execution.
- Monitor project milestones and ensure timely completion.
- Supervise and review engineering designs, specifications and technical submittals.

General access

- Assist in resolving technical issues and providing engineering support during construction.
- Coordinate with procurement teams to ensure timely delivery of materials and equipment.
- Monitor cost allocation to maintain efficiency and cost-effectiveness.

PROJECTS:

- Shamma wastewater treatment plant of 10.000 m³/day production capacity
- Talia wastewater treatment plant of 10.000 m³/day production capacity
- Sobek Al Ahad wastewater treatment plant of 10.000 m³/day production capacity

Mechanical Technical Engineer| Madkour Company

JAN 2022–JUN 2022

- Evaluate tender documents to provide technical packages for the project.
- Review shop drawings compared to design drawings.
- Issue Bill of Quantity (BOQ) if not supplied with tender documents and issue material list.
- Create Purchasing Requests (PRs) for needed materials and review suppliers' technical offers
- Issue submittals to consultant or client for approvals.
- Review and follow up the ordered material status (Delivery, Supply, Receive, Issuance and Installations).

PROJECTS :

- Tochka zone (R) 2 main irrigation water pumping stations each have 20 pumps of 2 m³/sec each as a production capacity.

Project Engineer| Greater Cairo Water Company, cairo

OCT 2019– DEC 2021

- Reviewing project scope, objectives, deliverables, and timelines., establishing project budgets, resource requirements, and risk assessments. Also make comparison sheets for different suppliers, coordinating with them to update the offers according to the RFQ and quality accepted. Issuing the PO's.
- Design Coordination: Collaborating with design and engineering teams to develop project specifications and drawings. Ensuring that the designs meet regulatory standards, safety requirements, and environmental considerations.
- Permitting and Regulatory Compliance: Overseeing the permitting process, ensuring that all necessary permits and approvals are obtained from regulatory agencies. Ensuring compliance with local, state, and federal regulations throughout the project.
- Budget Management: Managing project budgets, tracking expenses, and ensuring cost control measures are in place. Identifying and mitigating cost overruns and deviations from the budget. making invoices of contractor.
- Quality Assurance and Control: Implementing quality control measures to ensure that the construction and installation work meets the specified standards and project requirements. Conducting inspections and audits as necessary.
- Risk Management: Identifying potential risks and issues that may affect the project's progress or

outcome. Developing risk mitigation strategies and contingency plans.

- **Schedule Management:** tracking progress. Adjusting schedules as needed to accommodate changes or unforeseen circumstances.
- **Communication:** Facilitating effective communication among project team members, stakeholders, and clients. Providing regular updates on project status, milestones, and any issues that may arise.
- **Health and Safety:** Ensuring that safety protocols are followed throughout the project to protect the well-being of workers, the environment, and the public. Conducting safety audits and promoting a culture of safety on the project site.
- **Documentation:** Maintaining accurate project documentation, including contracts, change orders, drawings, specifications, and project reports. Ensuring that all project records are organized and accessible.
- **Problem Solving:** Addressing technical challenges and resolving issues that may arise during the project. Collaborating with the engineering and construction teams to find practical solutions.
- **Client Relations:** Building and maintaining positive relationships with clients, addressing their concerns, and ensuring their satisfaction with the project's progress and outcome.
- **Commissioning and Handover:** Overseeing the commissioning process to ensure that the completed water infrastructure functions as intended. Preparing for project handover to the client or operational teams.

PROJECTS: -

- Mostord Water Plant. 04/2020 - 02/2021
 - the renovation of the old water plant of Mostord with cost 130 million pounds.
 - Replacement and renovation of (2) horizontal, single stage, axial split case pump double suction and centrifugal with ($h = 90 \text{ m}$ & $Q = 1440 \text{ m}^3/\text{h}$), the project cost is 12,755,821 pounds.
- Shoubra El Khaima Water Plant. 08/2021 - 09/2021
 - Replacement and renovation of vertical turbine pump with ($h = 60 \text{ m}$ & $Q = 3600 \text{ m}^3/\text{h}$)
- International Park water booster
 - Replacement and renovation of (3) horizontal, single stage, axial split case pump double suction and centrifugal with ($h = 160 \text{ m}$ & $Q = 720 \text{ m}^3/\text{h}$) and the connecting pipes inside & outside the pump's building.
- Almarg water plant.
 - Replacement and renovation of air and water pipes for filter washing with a cost of 5 million pounds.

Mechanical Maintenance Engineer | Shoubra for Engineering Industries, Cairo

JAN 2018 – SEP 2019

- **Equipment Inspection:** Regularly inspect mechanical equipment and systems to identify signs of wear, damage, or potential issues. This includes pumps, motors, conveyors and other machinery.
- **Preventive Maintenance:** Develop and implement preventive maintenance schedules for all mechanical equipment. Perform routine maintenance tasks, such as lubrication, filter replacement, and calibration, to prevent breakdowns.

General access

- **Repairs and Troubleshooting:** Diagnose and troubleshoot mechanical equipment malfunctions and breakdowns. Coordinate and perform repairs and replacements of faulty components or systems promptly.
- **Spare Parts Management:** Maintain an inventory of critical spare parts and equipment components to minimize downtime. Ensure that the necessary parts are available when needed for repairs.
- **Safety Compliance:** Adhere to safety protocols and ensure that maintenance activities are conducted safely.
- **Documentation:** Maintain accurate records of maintenance activities, including work orders, equipment history, and maintenance logs. Document equipment modifications and upgrades.
- **Equipment Upgrades:** Identify opportunities for equipment upgrades or replacements to improve efficiency, reliability, and energy savings. Participate in the planning and execution of equipment modernization projects.
- **Predictive Maintenance:** Implement predictive maintenance techniques, such as vibration analysis, thermography, and oil analysis, to identify potential issues before they result in equipment failure.
- **Budget Management:** Manage the maintenance budget, including tracking expenses, procurement of parts and supplies, and cost-effective resource allocation.

COMPUTER SKILLS:

- Microsoft office.
- Microsoft Project.

COURSES:

- PMP Course

Skills:

- Adaptability and Learning Agility
- Ability and willingness for teamwork
- Problem solving
- Relationship Management
- Communication and Presentation
- Software skills
- Continuous Professional Development
- Negotiation
- Attention to detail.

Personal Information:

- Date of birth: Nov 5, 1992.
- Nationality: Egyptian