

ALI AL-MELFI

Project Engineer

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PROFESSIONAL SUMMARY

Project Engineer with solid experience in RO and STP project execution across Saudi Arabia. Skilled in procurement, client coordination, and multi-disciplinary project support from tendering to commissioning. Known for enhancing execution efficiency, resolving technical and commercial issues, and driving cash flow through client engagement. Actively seeking to contribute to large-scale infrastructure and public sector projects.

WORK HISTORY

Projects Engineer

METITO SAUDI LTD. | Riyadh, Saudi Arabia

Nov 2024 – Present

- Involved in the execution and support of multiple RO and STP projects across Saudi Arabia, contributing to design coordination, procurement, and client follow-ups.
- Led the full commissioning and testing of the Taif STP project at King Salman Specialized Hospital. Resolved disputes that had previously halted progress, restarted the project, secured delayed payments, and successfully completed the testing and commissioning phase.
- Collaborated with internal teams and consultants to ensure compliance with technical specifications, delivery milestones, and quality standards.
- Managed procurement tasks including RFQ issuance, technical and commercial evaluation, and vendor coordination using SAP Ariba.
- Actively participated in technical and financial proposal preparation for new tenders, including BOQ review, supplier pricing, and documentation alignment.
- Played a vital role in cash flow recovery by tracking payment certificates, following up on pending invoices, and resolving discrepancies with client finance teams.
- Supported commercial discussions, variation claims, and contract clarifications with multiple stakeholders.
- Contributed to building strong client relationships, leading to increased trust and the award of additional scopes and extensions.

Project Manager

Barq Almustaqbal | Muhayil Water Desalination Plant | Muhayil Aseer, Saudi Arabia

Jul 2024 – Nov 2024

- Oversaw the full lifecycle of the Muhayil Water Desalination Plant (12,500 m³/day emergency backup system), managing engineering, procurement, and operations activities.
- Supervised routine and emergency operations, maintenance planning, and plant performance optimization to ensure readiness and compliance.
- Led cross-functional coordination with engineering, operations, procurement, and client teams to deliver the project within scope and schedule.

- Successfully led an emergency response when a return pipeline ruptured during scheduled weekly operation—immediately initiated a full plant shutdown, coordinated with internal and external teams, and restored system integrity within 24 hours.
- Ensured timely reporting and communication with stakeholders during crisis and routine operations, maintaining full transparency and accountability.

Mechanical Engineer

Barq Almustaqbal | Abha Dam Water Purification Plant | Abha, Saudi Arabia

Apr 2024 – Jul 2024

- Handled daily operation and maintenance activities of the purification plant, ensuring consistent water quality and system reliability.
- Conducted preventive and corrective maintenance on mechanical systems including pumps, blowers, valves, and dosing units.
- Assisted in equipment inspections, troubleshooting mechanical failures, and coordinating repair work with specialized vendors.
- Maintained documentation for maintenance logs, operation parameters, and technical reports submitted to the operations team and local authorities.
- Supported the plant manager in implementing operational improvements and ensuring compliance with health and environmental standards.

EDUCATION

King Khaled University | Abha, Saudi Arabia

Bachelor's in science | Mechanical Engineering | September 2019 - January 2024

CERTIFICATIONS

- **Membership:** Professional accreditation from the Saudi Council of Engineering | Mechanical Engineer.

SKILLS

Project Management	Water Treatment & Desalination	Risk Management
Client & Vendor Coordination	Procurement & Contract Negotiation	Commercial Follow-Up
Project Close-Out	Team Coordination	Leadership

LANGUAGES

- **English** (Fluent)
- **Arabic** (Native)