

Supply, Installation & Commissioning of Containerized SWRO Plant

Client: Ministry of Health



Location: Tajoura

Product: Sea Water RO Desalination Plant

Design: 300m³/day Permeate from Sea water

Application: Drinking

Year: 2013

Scope:

- Engineering & Design** – Technical drawings, compliance with Sea Water RO system standards, risk assessments.
- Procurement & Fabrication** – Containerization of SWRO Plant, membranes, filtration units, pumps, dosing systems, QA/QC inspections.
- SWRO System Installation** – Assembly of pre-treatment (carbon filters), RO membranes, and post-treatment units.
- Instrumentation & Control** – Automatic Control, Monitoring sensors, and calibration of flow/pressure transmitters.
- Commissioning & Handover** – Performance testing, water quality validation, and final documentation.

