

# Case Reference IP-1060 – Containerized 2x RO Plants at Zelton

## EPC for 2x Containerized BWRO Plants for Field Office & Camp

Client: Sirte Oil Company



الشركة السرتية للنفط والغاز  
SIRTE OIL COMPANY

Location: Zelton Field

Equipment: 2x Brackish Water RO Desalination Plants

Design: 2x 300m<sup>3</sup>/day Permeate from Well water

Application: Drinking

Year: 2021

### Scope:

- Engineering & Design** – Technical drawings, compliance with Brackish Water RO system standards, risk assessments.
- Procurement & Fabrication** – Containerization of BWRO Plants, membranes, filtration units, pumps, dosing systems, QA/QC inspections.
- BWRO 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.

