

Containerized BW RO Plant for Commercial Offices

Client: **Waha Oil Company**

Location: **Offices at Hai Al-Akwakh**

Equipment: **Brackish Water RO Desalination Plant**

Design: **10000 L/day Permeate from Well water**

Application: **Drinking**

Year: **2014**

Scope:

- **Engineering & Design** – Technical drawings, compliance with Brackish Water RO system standards, risk assessments.
- **Procurement & Fabrication** – Containerization of BWRO Plant, 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.

