



DMPF-FILTERS

The reverse osmosis plant building is complete.

The vessels are water filters (DMPF), the external GRP pipes are connected.

The plant is almost ready to be pre-commissioned.



DAF BUILDING

This is a fully reinforced concrete structure operating like a water reservoir.

It has several internal compartments. PERI shuttering system was used for falsework.

Waterproofing of the whole structure was essential.



ELECTRICAL PITS

Adjacent to the electrical building several concrete pits were built to ensure proper housing of electrical cables and adequate power distribution to the various parts of the plant.

STRUCTURAL STEEL

Several sheds were erected on site, particularly the reverse osmosis (RO) plant building.

The materials were imported from GCC countries and erected on site.



SUR RO PLANT - SIDEM

This is an extension to the existing reverse osmosis (RO) Plant in Sur-Sharqiah Province.

The enhanced capacity of the plant is around 11,000m³/day.

Sarooj signed with the EPC contractor Sidem a contract for carrying out the civil, electrical, HVAC, and pipework.

Veolia are the developer.

The scope comprised of enabling works and earthworks, the construction of several buildings, some having concrete frames other structural metal frames, the erection of steel tanks, the seawater intake, the GRP external pipeworks, the electrical works and HVAC.

External works such as asphalt roads, kerbstones, car parking, and fencing are also included in the scope.

The contract was completed on time and the plant started producing water since July 2016.

The ultimate client is OPWP, the state company, that purchases products from private developers.

The Sultanate of Oman is a pioneer in the privatization of the production of water and power.

Their first initiative began in 1982.

PERMEATE TANK

Several steel tanks had to be erected on site. Steel plates were pre-formed in the factory.

The tanks were sand blasted, painted and tested. Safety of workers was given great care and attention.

