



UTILITIES

Power cables are seen laid in trench.

They would be bedded in sand.

Similar underground network was built for water supply, sewage collection system, and street lighting.



WATER PUMPS

A pump room houses four pumps, skid-mounted, to serve the various camp sections.

One pump is always on stand-by mode.



WATER TANKS

Potable water storage tanks are connected by two parallel pipes that feed the water pumps.

The pipe material is high pressure PVC.

RO PLANT

To cater for domestic use, a reverse osmosis plant (RO) was installed.

It produces 15,000 gls /day. A post treatment softener, and a multimedia filter were also provided. The RO cylindrical membrane is seen in the picture.



1000 - MAN CAMP (EPC)

Sarooj signed two contracts on the Khazzan oilfield operated by BP (Block 61):

- One to build rig locations and access roads,
- and one to carry out various civil and MEP works for RO Plant (Reverse Osmosis).

To accommodate the workforce, we had to build a base camp for 1000 people.

The MEP department took upon themselves the task of providing all utilities, HVAC, kitchen equipment, RO plant, and sewage treatment plant.

The specifications for this semi-temporary camp were not any different from the specifications for permanent works and as such the project was controlled and monitored by Jacobs and BP under the same procedures in force for permanent works, whether for HSE or for quality assurance.

Potable water came from Awaifi until the Veolia plant became operational.

Foul water was collected in holding tanks and transported by septic tankers to municipality treatment plant.

Electricity was provided by generators.

GENERATORS

Five 810 kVA generators were installed complete with their switchgear, distribution boards, earthing, and fuel tanks.

Sarooj opted for Caterpillar generators at this occasion.

