



BATCHING PLANT

In the absence of concrete ready mix suppliers in the vicinity and in view of upcoming works, Sarooj decided to install a brand new concrete batching plant to cater for its needs and hopefully the needs of other contractors working around the area.



PRECASTING

Several concrete elements were precast in a special yard where easier quality control is achieved.

Time is gained using this method.



MUD PITS - WATER PITS

The drilling operations would require large quantities of water and would generate mud loaded with cuttings.

Pits are prepared and lined with HDPE membrane to avoid soil contamination.

They would also be fenced to protect stray animals from falling into them.

CONCRETE PADS

Concrete pads are provided under the rig's footprint and under heavy loads. Any settlement in the ground would jeopardize the safety of the rig. Rig mats are also provided; surface drains help keep good housekeeping and clean worksite.



BP KHAZZAN OILFIELD DEVELOPMENT

BP Exploration is investigating the development of the Khazzan Tight Gas Field within Block 61 in Oman.

The Block covers 2,800 km² of which the Khazzan Project extends over 1,500 km² thus representing the first venture in a series of projects to come. BP's objective is to operate a 30 million smed tight gas development per day.

The target start-up was mid 2017 with a 30 year operating period and a possible 10-year extension.

The project includes a central processing facility (CPF), a substantial well production and a gathering system which collects and delivers the multi-phase fluids from numerous well sites to the CPF via a flowline network in excess of 419 km and the associated infrastructure system to support the project.

This includes well pads, residential complexes, contractor camps, power distribution, telecommunications, water gathering, water treatment, and waste handling.

Sarooj won the contract to build 56 oil rig locations on this oilfield. The scope also includes the construction of access roads on the oilfield which sprawls over vast areas.

Worksites are remote and thus require independent welfare and arrangements and stand-by ambulances on each location.

STOVE PIPE

An essential part of the works is the stove pipe. This is a steel conductor pipe placed and concreted in exactly where the well will be drilled.

A concrete cellar is provided around its top, right under the rig.

