



Country
Qatar

Client
Qatar General Electricity
and Water Corporation

Date
2007-2009

Sogreah services

- ▶ Hydrogeologic diagnosis of 350 wells (static and in pumping condition)
- ▶ Civil and electro-mechanical diagnosis of 8 wellfields facilities
- ▶ Proposal of 3 concepts of groundwater transmission for KM use
- ▶ Conceptual and final design
- ▶ Preparation of tendering documents
- ▶ Assistance to KM in tendering process
- ▶ Supervision of construction works

Background

The project aims at rehabilitating existing facilities or proposing new facilities, for distribution of groundwater from 8 wellfields in Northern Qatar.

Description

First phase (Pre-execution phase) includes:

- Diagnosis of facilities (incl. water quality and production

capacity, condition of wells, piping network, pumping and storage facilities, connection to the transmission network);

- Conceptual design (from groundwater till transmission network, incl. pumping facilities);
- Concertation with KM for the choice of final solution;

- Final design;
- Preparation of tender documents.

Second phase (Execution phase) includes construction supervision.