



**Country**  
Iran

**Client**  
Technip

**Date**  
2005-2006

**Sogreah's services**  
► Design Services

### Description / Particularities

- Liquefaction plant for gas produced in the South Pars offshore field, situated at Tombak;
- Pumping station: twice 9 m<sup>3</sup>/s;
- Water intake set at -25 m with two 2.3 m diameter pipes, each 1000 m long;
- Outfall with diffuser set at -15 m and two 2.3 m diameter pipes, each 500 m long.

### Detailed services

- Study of wave conditions;
- 3D mathematical modelling of recirculation risks between the outfall and intake;
- Detailed design of the water intake and suction pipes;

- Detailed design of the pumping station;
- Detailed design of the outfalls;
- Preparation of competitive bidding documents.