

## Provision of Engineering services for detailed design phase of 620-Kilometere rail track between Chabahr-Fahraj cities

The route that is being studied is more than 600 kilometers long, and starts from Chabahr harbor and through its way it passes cities of Chabahr, Nik Shahr, Iranshahr, and Fahraj. A total length of 262 kilometers of the road is located in plains, 144 kilometers of hills, and the rest is in mountains. The infrastructure project of this road is divided into 7 parts, also three organizational stations of Chabahr, Iranshahr, and Fahraj are being placed in this road. Considering the the mountains of this area some tunnels are designed with a total length of 5 kilometers, and an overeall 1.1 kilometers of bridges will be constructed as well.

- Presenting the superstructure design parameters
- Designing the route's stations including 2 organizational stations, 4 semi-organizational, and 24 passing stations
- Doing simulation studies on how long it takes for both freight and passenger vehicles to complete the route
- First and second level studies on transportation signaling
- Studies on traction forces and suggesting the suitable vehicles
- First and second grades studies on electrical power traction of main line and stations
- Reviewing and determining the requirements for buildings, facilities, and landscaping



**Date: 2006/2007**

**Location: Tehran – Sistan and Baloochestan**

**Client: Construction and Development of Transportation Infrastructures Company**