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SHAH HABSHAN RUWAIIS RAILWAY PROJECT

ENGINEERING AND CONSTRUCTION
PROJECT REFERENCES



SHAH HABSHAN RUWAIS RAILWAY PROJECT

LOCATION

Abu Dhabi, United Arab Emirates

CLIENT

Etihad Rail Company PJSC
Abu Dhabi (UAE)

CONTRACT DURATION

34 months from November 1st 2011

SCOPE OF WORK

EPC contract for design and execution of a new railway line from Shah to Ruwais via Habshan: it includes engineering, procurement, construction, testing and commissioning of civil works, bridges and structures, systems facilities and track works necessary for the new 264 km long railway line, for freight and commercial traffic, connecting Shah to the port of Ruwais.

JV PARTNERS

Tecnimont, Dodsal

PROJECT DESCRIPTION

The railway will service both the Habshan and Shah sour gas fields, and specifically it will allow the transportation of granulated sulphur from these fields to the port of Ruwais.

Saipem is the leader of the Joint Venture which has been awarded the EPC contract for the first package of an overall 1,500 km railway network that will be part of the Gulf Cooperation Council Railway Project.

The Shah - Ruwais line is functionally split into two sections:

- Between the Shah gas field and the gas processing and distribution facilities in Habshan city;
- Between Habshan city and the port of Ruwais, crossing the urban areas of Al Mirfa, where the line's main facility will be built, consisting of an operational depot, including maintenance structure. It will also pass through the cities of Mezaira'a, Madinat Zayed and Tarif where future passenger stations will be implemented.

At completion; the UAE network will operate a full fleet of more than 100 locomotives and 5,000 freight wagons.



Al Mirfa's Railway Depot Facility



Shah - Ruwais Railway's Track

PROJECT'S MAIN FEATURES

- ▾ Future provision for commercial operations for the speed of 200 km/h
- ▾ 22,000 tons sulphur transport capacity
- ▾ ETCS 2 signalling system
- ▾ 1 operational Depot, including maintenance facilities



Al Mirfa's Railway Depot Facility Scheme



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People, Skills, Equipment.

Saipem S.p.A.

Via Martiri di Cefalonia, 67 - 20097 San Donato Milanese, Milan - Italy

Tel. +39.02.520.1 - Fax +39.02.520.44415

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