MARINE WORKS

Construction of Jetty for ADNOC on Mubarraz Island

ENERGY - OIL & GAS • JETTIES • PERMANENTLY CASED ROTARY PILES • ROCK REVETMENTS

Project Details

Demolition of existing jetty and construction of an offshore oilfield jetty founded on marine steel circular piles (140 ton capacity) consisting of a concrete abutment, approach trestle (100m long), jetty head and associated civil, mechanical & electrical works.

Design and construction of 67 nos. x 610 mm diameter offshore steel tubular piles, to carry the mooring, berthing and vehicular loads on the abutment, approach trestle and jetty head.

Construction of:
- approach trestle, 120 m out to sea and 7.0m wide;
- jetty head, 60mx15m size at the end of the approach trestle;
- reinforced concrete abutment works with pile caps, etc;
- approach apron with reinforced concrete retaining walls;
- approach road and associated works on the embankment for access;
- extension of existing structural steel shed and foundation for the pump house;
- rock revetment for coastal protection;
- electro mechanical works;
- architectural works;
- miscellaneous works such as granular backfill and compaction, cable laying works, cable draw pits, blinding, concrete works etc.

Client
Abu Dhabi Oil Co. Ltd. (Japan) - ADOC

Consultant
Tebodin Middle East

Main Contractor
Arabtec - NSCC JV

Location
Abu Dhabi, UAE

Start Date
16 May 2002

Completion Date
October 2003 (Part I) January 2004 (Part II)