

STRATEGIC WATER STORAGE / RECOVERY PROJECT IN LIWA - ABU DHABI

Infrastructure



AL NASR SCOPE OF WORKS:

Supply, lay, installation, fabrication and construction of:

- 60 km 1200 mm diameter CS pipe
- 45 air valve chambers
- 48 washout chambers
- 5 line valve chambers
- 600 m NDRCS
- 2 flow meter chambers
- 2 control valve chambers
- 35 FOC pit
- Cathodic protection system for CS pipes
- Earth moving, cut and fill of sand dunes to allow construction of a 2,600,000 m³ pipeline
- Testing, disinfection and flushing of 60,000 m Pipeline
- Crossing with exiting oil and gas lines including all required CNIA, permits, protections and reinstatement with a total number of 56 crossing for flowlines, gas lines, crude oil lines, etc

Client: Abu Dhabi Water & Electricity Authority (ADWEA)

Contractor: ACC- Posco Joint Venture

Contract Period: 01/04/2012 - 27/04/2013

Location: Liwa / Abu Dhabi

Value: AED 159,369,703.00 (excluding all material supplies)

PROJECT STATISTICS

Peak manpower	675
Man- hours accident free	2,225,000
Total lost time through incidents	Zero
Equipment hours accident free	205,250
Total concrete poured	62,150 m ³

