

FUJAIRAH II - DESALINATION PLANT

Civil: Industrial / Electro: Mechanical



AL NASR SCOPE OF WORKS:

Supply, lay, installation, fabrication and construction of:

- Foundations for 12 desalination units and steam transformers
- Switch gear building for desalination units; a building having dimensions of 37 m x 19 m with clear height of 3.6 m under roof beam
- Pipe and cable racks, construction of all foundation, grouting of embedded steel anchors, painting of exposed concrete pedestals
- Seawater, brine reject, distillate and potable forwarding lines, pipe handing, pipe preparation for lamination, pipe laying and lamination
- Temporary mooring Jjetty for off-loading of evaporators and heavy structures.
- Compressor steel shelters to house the air compressor skids
- Potable water storage system
- 4 nos of 90 m diameter concrete tanks with an operating capacity of 91,609 cum
- Firefighting protection system; firewater underground ring main lines, fire hydrants with hose cabinet
- Spare parts storage Building
- Road and paving (pavement?)
- Surface water drainage system
- Plant waste water drainage system
- Street lighting
- Electrical earthing buried grid system 14 plant communication
- Temporary facilities

Client: Abu Dhabi Water & Electricity Authority (ADWEA)

Contractor: Sidem, France

Contract Period: 08/05/2008 - 06/2010

Value: AED 139,976,013.00

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

