



G R O U P

OMAN ♦ DUBAI ♦ ABU DHABI

# GENERAL HOSPITAL, SOHAR





# PROJECT PROFILE

Complete M&E works for a 380 Bed General Hospital with Specialist systems such as Medical Gases, Bed Head Trunking, Nurse Call System, Incinerators, Boilers, UPS, DG Sets, Fire Alarm, Kitchen and Laundry Equipment, Reverse Osmosis and Sewage Treatment Plants, Building Management System etc. The project includes complete Infrastructure, Utilities and Doctors / Staff Accommodation within the complex.

## Project

380 Bed General Hospital at Sohar

## Location

Sohar, Sultanate of Oman

## Client

Ministry of Health

## Consultant

Initec, Spain

## Main Contractor

J & P, Oman

## Scope of Work

Complete Electro – Mechanical Services comprising of the following

- Air conditioning with 9 Nos. Carrier Air-cooled Chillers of 2000 TR total capacity including 2 Nos. Heat Recovery Chillers
- 62 Nos. Double skin air handling units and 200 Nos. Fan coil units
- 10 KM of chilled water piping
- Building Management system
- 11 nos Lifts comprising of 4 Passenger lifts, 6 nos Bed lifts, 1 VIP lift and 2 nos Dumb Weighters
- Operation Theatre specialised services such as Laminar flow ceilings, OT lighting, Surgical Panel and Medical Pendant
- Laboratory MNE Services
- CSSD Equipment
- 11 kV Power distribution comprising of RMU, 9 nos 1000 kVA transformers, 2 x 700 kVA / 1 x 500 kVA DG Sets
- Helipad Lighting System
- Lighting and small power
- Low Current Systems such as EPBAX and Intercom, PA and Paging System, Structured Cabling System and Restricted Entry System
- Plumbing and Sanitation installation
- Steam and Hot Water System with associated Boilers
- Renal Dialysis Water System
- Fire Fighting System including Wet / Dry Rises, Hose Reel and Fire Alarm System.

GENERAL HOSPITAL, SOHAR



Boilers and Steam Piping Installation



Piping in Mechanical Plant Room





Mechanical, Electrical Services for 380 Bed Hospital and Residential Complex – Sohar



Standby Diesel Generators



9 nos. Air Cooled Chillers



Potable Water Pumps



Medical Air Compressors



Pumps Installation in Mechanical Plant Room



Air Handling Unit Installation



Reverse Osmosis Plant





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## CORE ACTIVITIES

Civil Construction

Oil, Gas & Power Projects

Electrical Projects

MEP Services

District Cooling

Facilities Management & Maintenance

Diesel Power Generation

Elevators & Escalators

Water & Waste Water Projects

Electrical Products

Mechanical Products

Chemical & Industrial Products

### BAHWAN ENGINEERING GROUP

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