



G R O U P

OMAN ♦ DUBAI ♦ ABU DHABI

CITY CENTRE, MUSCAT



PROJECT PROFILE

The Largest Shopping Mall in Sultanate of Oman, with Carrefour Hypermarket and Major Anchor Stores, Multi Cuisine Food Courts, Magic Planet and Multi-Storyed Car Parking for 2000 Cars.

Project

Muscat City Centre Phase-I and II

Location

Muscat, Sultanate of Oman

Client

Majid Mohamed Al Futtaim

Project Manager

MACE International

Consultant

Holford Associates / W.S. Atkins International & Co.

Main Contractor

Carillion Alawi LLC

Salient Features

Complete M&E services including infrastructure/utilities such as Central Chiller Compound, 33/11 kV Primary Sub-station for a 60,000 sqm retail development with Carrefour Hypermarket and Major Anchor Stores, Magic Planet, Multi Cuisine food Courts etc and Multi Storyed Car Park.

Scope of Work

- 4250TR Centrifugal Chiller installation comprising of 5 sets of 850TR Carrier Chiller and Marley Quadra flow Cooling Tower
- Primary and Secondary Chilled Water Pumping System with VFD Control
- 110 Nos. Air Handling Units for the Land lord areas and 300 Nos. Fan Coil Units for Tenant areas
- 50,000 sqm of ductwork
- Smoke extract duct work for the Mall areas
- Building Management System (BMS)
- 33 kV/11 kV sub-station on a Design & Built basis – Capacity 2 x 20 MVA
- 11 kV Switchgear / RMU, 11 nos. of 1500 kVA / 8 nos of 1000 kVA transformers, 1500 kVA and 900 kVA DG Set, Main Panel, Sub-main panel, MCC including VFDs
- Lighting and small power installation
- Dimming and Lighting Control System
- Centralised Emergency Battery Backup system
- CCTV System
- Public Address and Background Music system
- Telephone and Intercom System
- Sewage Treatment Plant of 200 cubic meter capacity
- Complete plumbing and drainage installation.
- Fire Fighting installation including supply and installation of Wet Riser, Hose Reel, Sprinkler and Fire Alarm System.

CITY CENTRE, MUSCAT



Water Softner Plant



A view of Shopping Mall



Air Handling Units



Cooling Towers



Condenser Water Pumps



Cold Water and Fire Fighting Pumps



Mechanical and Electrical Services for City Centre – Muscat



Water Cooled Centrifugal Chillers



Cooling Towers



Air Handling Units





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Engineering Change... Changing Lives.

CORE ACTIVITIES

Oil, Gas & Power Projects
Electro-Mechanical Services
District Cooling
Civil Construction
Electrical Projects
Facilities Management & Maintenance
Elevators & Escalators
Diesel Power Generation
Water & Waste Water Projects
Electrical Products
Mechanical Products
Chemical & Industrial Products

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