

Building Type

Medical Offices

Size:

4 buildings with 2 level common basements. Total 80,000 m²

Project Highlights

- ETS rooms, common
- Extensive use of energy recovery techniques for minimizing high ventilation loads
- All air system with AHUs & VAVs used throughout
- BMS with DDC controls
- Provisions for minor procedure rooms used for OPD patients of occupants

Architect / Client :

Arif & Bintook / DHCC



This project comprised the first 4 buildings to start and be occupied in Dubai Health Care City.

Flexibility for different spatial use was built in. All air systems with dedicated air handlers and VAV systems used in compliance with use of a medical outpatient, with minimum surgical procedures not involving overnight stays, per ASHRAE standards provided. Extensive use of energy recovery systems to minimize high ventilation air loads provided.

Mario Associates provided the engineering design for the medical systems including ventilation, air conditioning, plumbing and fire fighting systems.

Project being the pioneer project of DHCC was extremely fast track and Mario Associates delivered the required mechanical engineering design on schedule and complying to all local statutory & International Standards for such office complex.

