

FIRST GROUP TOWER

Jumeirah Village South, Dubai, U.A.E.

Building Type

Serviced Apartment

Size:

32 floors, 23,400 m² with 3 basements and 4 podium of car parking

Estimated Construction Cost

AED 200,000,000

Project Highlights

- Served by District Cooling Network
- LEEDS Silver certification targeted
- Storm water management
- Central gas to all apartment
- Waste water treatment, on site, with re-use of TWE for WC flush etc.
- Single air handling unit per apartment with sophisticated controls to address separate temperature control requirements of each room as a zone within each unit/apartment
- Extensive energy recovery by use of total enthalpy heat wheels and heat pipes.

Client/Architect

First Group



This serviced apartment building is targeted, upon completion, to be LEED Silver certified per NC2.2

Mario Associates are the LEED facilitators as well leading the design and execution team for the targeted silver certification from US Green Building Council.

The complete electromechanical system design including Civil Defence requirements, JAFZA EHS requirements, etc. compliance is by Mario Associates.

