

DUBAI INTERNET CITY

Dubai, U.A.E.

Building Type

Office Park

Size:

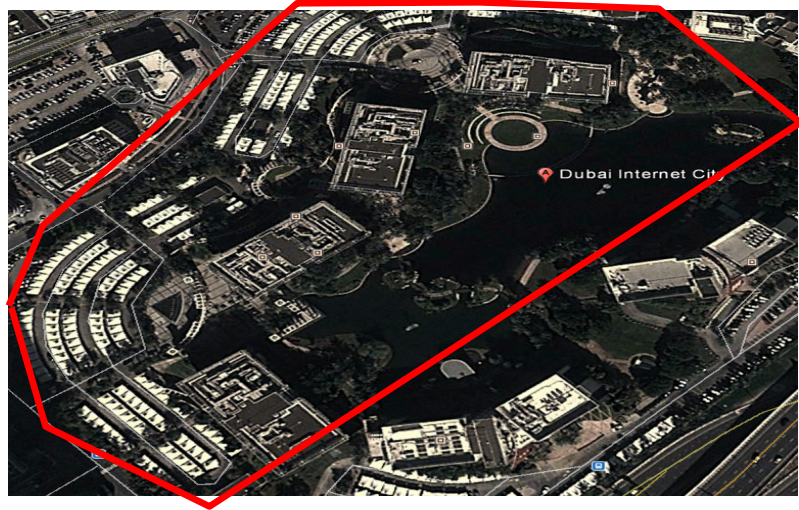
75 ha with 4 office buildings

Project Highlights

- Street lighting
- Parking area lighting
- Chilled water distribution
- Sewage collection network
- Storm drainage network
- Water distribution network
- Irrigation & Fire Fighting combined network
- IT duct network.
- Lakes design

Architect/Client

Italconsult (for infrastructure)
TECOM (Dubai Properties)



This 75 ha site was the first phase of the start of Dubai's leap to create what is now the icon of Dubai.

Starting from desert the 4 buildings of Dubai Internet City, with infrastructure, were made operational within a year of public announcement by Sh. Mohammed Bin Rashid.

A complete infrastructure was engineered, design and supervised by Mario Associates to:

- Collect sanitary sewage from the 4 buildings and transfer to holding tanks as no network was present in area.
- Provide domestic water from mains on Sh. Zayed Road to meet potable requirements
- Provide street and parking area lighting
- Distribute chilled water from central plant (by others) to each building & provision for later buildings
- Surface water drainage to local soak aways and after treatment to lake.
- Provide common fire fighting ring mains and irrigation loops for external hydrants and with PRV's to meet irrigation requirements
- Provide all infrastructure duct layouts for all voice/data/IT networks
- Lake recharging (decorative with sub soil water) and fresh water irrigation reserve. Both halves separated by pedestrian walkway.
- Coordination with DEWA for providing of HT cable and distribution for campus (No HV design).

