



Site/Infrastructure Planning

Advance Site Planning

Client

Dubai Silicon Oasis

Location

Dubai, United Arab Emirates



Site Planning for Dubai Silicon Oasis

Project Description

Dubai Silicon Oasis is envisioned as an innovation-driven technology community that will advance Dubai's goal of diversifying its economy and reducing its oil dependence.

IDC Architects, a subsidiary of CH2M HILL, was chosen from a field of major international firms to develop both the master plan and the business plan that support Dubai's aspirations to develop an advanced technology and knowledge economy. Master planned on 1766 acres of land, 13 miles from central Dubai, the new development will support companies engaged in research, design innovation and the manufacturing of leading-edge electronics products. The technology city will eventually employ an estimated 35,000 people by the year 2020.

Types of uses included:

- Research and Development
- Integrated Circuits Design
- Semiconductor Fabrication
- Flat Panel Display
- Test and Assembly
- Electronic Systems Manufacturing
- Logistics and Distribution
- Primary and Secondary Schools
- Dubai Institute of Technology
- Housing for 20,000 People
- Retail, Commercial, Hotel
- Public Facilities and Recreation

Services provided were:

- Business Plan
- Site Master Plan
- Urban and Landscape Design
- Utility Planning
- Plot and Building Development
- Requirements
- Physical Model
- Computer Animation

To foster the kind of commercial and social environment that encourages and sustains innovation, the technology-related facilities are clustered around a central urban core which includes apartments, service shops, restaurants, schools, a hotel, recreational facilities and the Dubai Institute of Technology. To enrich the experience of living and working in the community, a variety of housing types have been created for employees and their families. Each of the residential neighborhoods is centered around a neighborhood park, pool or social center. To encourage an active lifestyle, living and work places are connected together by a network of bike and pedestrian trails that meander throughout the oasis-like setting.