

BORG AL-ARAB INTERNATIONAL AIRPORT EXTENSION

Client

Japan Airport Consultants, Inc.

Scope of Work

Detailed design
Construction supervision

Location

Alexandria, Egypt

Types of Activities

Architectural
Civil
Communications and security systems
Electrical
HVAC
Landscaping
Mechanical
Structural

The project covers an extension to Borg Al-Arab International Airport, as decided by the Egyptian Airports Company (EAC), to enhance passenger handling capacity in light of the sharply increasing demand on flights. The project also aims at improving the quality and efficiency of the services provided to passengers.

The extension includes a second terminal building and its associated facilities. The project encompasses two packages as follows.

Package 1: Terminal Building & Associated Facilities

- Terminal Building (BUA of 36,000 m²)
- New Passenger Terminal Apron(800mx180m)
- Ground Support Equipment Road and Service Road
- Car Parks With a Capacity of 800 Cars,32 Buses and 50 taxis
- Asphalt-paved roads within the terminal area(10000m long with carriageway width of 10m)
- Airfield Lighting /Apron Floodlights

- Power Supply System(3200 KVA)
- Primary Substation Building
- Three Secondary Substations
- Water Supply System(580 ton/day)
- Water Tank
- Sewage Treatment System(550 m³/day)
- Guardhouse
- Workshop

Package 2: Taxiways

- Taxiways(5400mx23m)
- Airfield Lighting
- Concession Buildings
- Air Navigation Aids

