

International Airport

Client

Confidential

Scope of Work

Conceptual design
Preliminary design
Detailed design
Tender documents
Tender action

Location

Confidential

Types of Activities

Architectural
Civil
Communications and security systems
Electrical
HVAC

The construction of an International Airport (airside/ landside) consisting of infrastructure, buildings, services and utilities. The airport would be required to handle aircraft up to the gulfstream G IV, Boeing B737, and Boeing 747 or up to the Airbus A380.

Initially the airport would operate for domestic flights only and incidentally international, but in the longer term international flights would also be handled.

The airport works include the terminal building with a built-up area of 22,000 m² which comprises two separated levels, ground floor, and three floor levels to accommodate aircrafts Code F with Peak hour 650 pax, two ways and two Contacts stand boarding lounges for international passengers (Code E & Code F) with three

loading bridges to accommodate aircrafts Code C, D, E & F and a provision for an upper deck Code F; cargo building with a built-up area of 86,000 m² consists of ground floor, and two floor levels for offices, handles about 50,000 ton/year; catering building with a built-up area of 1,700 m² consists of ground and one floor level that provides 1,600 meals per day; aircraft rescue & fire protection building with a built-up area of 1,200 m² comprises ground and one floor level, the building is designed to meet ICAO standard category 10; ground service equipment workshop with a built-up area of 650 m² and other utility buildings such as water tanks, electrical substations, chillers building, etc. in addition to the staff housing compound which is designed to accommodate families and bachelors.

