



Jebel Ali Airport Aviation Fuel Depot Concept and FEED Dar Al-Handasah for Dubai Department of Civil Aviation (DCA)

OIL

The Dubai Department of Civil Aviation (DCA) will construct a new airport at Jebel Ali with a 2060 target capacity of 120 million passengers and 12 million tonnes of cargo annually. The airport will be integrated with a city development, Jebel Ali Airport City, which will become a hub for aviation, business, tourism and public recreation. The Jebel Ali Airport (JXB) will be developed in a phased manner as passenger and cargo volumes increase over time. The existing Dubai International Airport (DXB) will continue to operate.

Penspen provided the following services:

- A concept design for the aviation fuel depot(s) at JXB covering initial phase and ultimate phase development.
- FEED services for the JXB aviation fuel depot initial phase works.
- Review and update of Commercial Study findings with respect to depot facilities including update of demand projections, storage volumes, hydrant peak demands and review of system/facility requirements and scope.
- Capital cost estimates.
- Project programme for the Phase 1 works

Profile:

JXB Aviation Fuel Depot

Incorporating:

- Depot 1 Nominal Tankage
28,500m³ (Initial Phase)
220,000m³ (Ultimate Phase)
- Depot 2 Nominal Tankage
83,000m³ (Ultimate Phase)
- Hydrant Pump Facilities
- Pipeline & Road Receipt
- Fire Fighting & Ancillaries
- Power systems, controls & Instrumentation, CP systems
- all associated structures, buildings and utilities

Penspen Contract:

Conceptual Design
FEED, Lump Sum

Project Value:

Confidential

