

SOHAR NEW INTERNATIONAL AIRPORT, PACKAGE 1 +2

Facts

City/Country
Sohar / Oman

Client
Ministry of Transport & Communications,
Muscat

Architect
Sohar Airport, Phase I+2

Contract Value
€ 125,46 Mio.

Construction Period
9/2009 - 8/2011 (24 months)

Project Description

Construction of the Sohar Airport to serve the city Sohar and the Batinah region in the northern part of Oman. The project scope comprises of construction of 4 km runway with turning loops at the ends, taxiway and terminal building apron. In addition, the scope covers mass grading, connecting asphalt roads, water channel, underground reservoir, stormwater collection ponds, various utility networks, duct banks, electrical substation building, guard house building, boundary and security fences. The work also covers specialised work like airfield lightning, engineering and installation of fuel hydrant system, design & construction of sewage treatment plant, landscaping and irrigation works.

PROJECT DATA:

Grading	4,000,000 m ³
Earthworks for runway, taxiway, apron	3,080,000 m ³
Earthworks for connecting roads	800,000 m ³
3 stormwater collection ponds	400 x 200 m
Water channel, lined with rip rap	3,2 km long x 22 m wide
Concrete works	30,000 m ³
3 culverts crossing runway	avg. 740 m long
17 culverts across roads / taxiway	
2 Falaj protection	1,000 m long
Utility network for fire, water and sewage	23 km
Electrical and communication networks	121 km
Security and boundary fence	33 km
Guard house, electrical substation, water reservoir	
Asphalt works	400,000 tons
PQC for apron	58,333 m ³
Airfield ground lightning ducts	100 km
AGL wired cables / AGL Lights	234 km / 1400 nos.
1 Fuel farm tank	2,385 m ³
Pavement marking	36,000 m ²
Design & construction of sewage treatment plant	400 m ³ /day average flow
Airfield Ground Lighting:	System CAT 1

