



AI Arish Compressor Station Project. Conceptual/Detailed Design and Procurement Services East Gas Company - Egypt

Penspen Limited was awarded the contract for Design Engineering Consultant by East Gas Company to undertake the conceptual, detailed design and procurement services for a new gas compression station and associated facilities at Al Arish, North Sinai, Egypt.

This first compressor station for East Gas Company will be built on the existing 36" diameter, 258.5km pipeline between Al Arish and Aqaba - Jordan (243.5km onshore from Sinai Al Arish to Taba and 15km Gulf of Aqaba offshore) to increase the current capacity of 7 MCM/day (2.6 BCMA) up to 33 MCM/Day (12 BCMA).

Penspen provided the following services:

- Project Management Services.
- Conceptual Design and Detailed Design of the Compressor Station, including definition of GTCP requirements.
- Procurement Services.
- Preparation of ITB documentation for construction and major equipment.
- Clarification and evaluation of tenders including recommendations to Client.
- Training.

Profile: 3x25 MW ISO Gas Turbines and Compressors, with facilities for future expansion to 4x25 MW ISO machines, process equipment and piping, process utilities and full utilities for autonomous site operation (i.e. power generation and water treatment facilities).



Al Arish Site (Aerial Picture)

Design Conditions:

Phase I – 15 MMC/D
Phase II - 33 MMC/D

Penspen Contract:

Lump Sum

Penspen Manhours:

45,000

Project Value:

US\$150 million