

# LNG Third Train, Das Island

## Construction and commissioning of new LNG train

Customer: Abu Dhabi Gas Liquefaction Company

### Services Provided

- Full turnkey project
- EPC and commissioning
- Civil works
- Mechanical works
- Steel and pipework fabrication
- Electrical and instrumentation works

### Benefits to Customer

- Experienced management team
- Handling of major steel and pipework fabrication
- Control of challenging logistics
- Concise HSE and risk management



### Background

Abu Dhabi Gas Liquefaction Company required the engineering, procurement, construction and commissioning of a 320 tonne per hour LNG train to be constructed alongside the existing facilities on Das Island.

Costain was involved with CCC Limited to carry out the complete works. Senior management and supervision were supplied by Costain with a shared liability for the whole construction. The extensive project required 88,000 m<sup>3</sup> of concrete, 350,000m of pipework, 6000 te of steelwork and 500km of cabling. The construction element was 35% of the total value.

### Project Description

Construction and commissioning of the LNG train included:

- Inlet gas reception area
- Natural gas liquids removal and fractionation area
- LNG refrigerated storage
- Utilities and supporting infrastructure
- Gas metering and treatment facilities