

Hasbah II

subsea 7



The Hasbah II Project is an offshore gas development project in the Arabian Gulf. The project was awarded by Saudi Aramco to the Consortium of Subsea 7¹ and Larsen & Toubro Hydrocarbon Engineering under a Long Term Agreement.

Scope of work includes EPIC of offshore pipelines, cable and umbilicals as well as transport and installation of platforms including two floatovers. Hook-up and commissioning is performed jointly with Larsen & Toubro Hydrocarbon Engineering.

¹ Effective 29th June 2017, Subsea 7 acquired certain business of EMAS Chiyoda Subsea assuming a long-term agreement and three current projects in Saudi Arabia, including Hasbah II, in consortium with Larsen & Toubro Hydrocarbon Engineering.

Hasbah

Project

Hasbah Offshore Gas Facilities Increment-II

Client

Saudi Arabian Oil Company (SAUDI ARAMCO)

Location

The Hasbah Field is located in the Arabian Gulf, approximately 150km north east of Jubail in the Kingdom of Saudi Arabia

Water depth

Up to 65m

Project Type

EPCI

Date Awarded

May 2016

Scheduled Completion

Oct 2019

Vessels/Spoolbases /Facilities Utilised

Derrick Lay Vessel
Lewek Champion
Maridive Constructor

Overview

The Hasbah Offshore Gas Facilities Increment II Project is the first Contract Release Purchase Order issued to the consortium under a long term agreement with Larsen & Toubro Hydrocarbon Engineering. The contract is valued at over US\$1.6 billion.

The development is the second phase of the Hasbah Offshore Gas field situated in the Arabian Gulf, and is part of Saudi Aramco's target to supply an additional 2,500 mmscfd of clean natural gas through the Fadhili Gas Plant to meet Saudi Arabia's growing domestic energy demand and reduce crude oil burning.

Scope of work includes EPCI of offshore pipelines, cables and umbilicals and the T&I of platforms system. Larsen & Toubro Hydrocarbon Engineering are responsible for EPC of the platforms and EPCI of the onshore pipelines system. The platforms are engineered in Bangalore and fabricated at a Larson & Toubro Hydrocarbon Engineering owned fabrication yard in Sohar, Oman. The offshore hook-up and commissioning scope is completed by a joint team from Subsea 7 and Larsen & Toubro Hydrocarbon Engineering.

Scope of work includes :

Offshore Pipelines (EPIC):

1x 36" x 120km CS w/internal FBE Coating + 1.9km CRA

1x 36" x 126km CS w/internal FBE coating+ 2.8km CRA

1x 8" x 122.2km CS

1x 6" x 4.2km CS

6x 16" x 15.8km CRA

Coating of offshore and onshore pipelines (All CS and 16" CRA bare linepipes are free issued by Aramco)

SURF (EPIC):

2x subsea cables (approx. 110km in total)

7x integrated service umbilicals (approx. 20km in total)

Structures (Transport and Installation):

6x Topsides (~1900 mt each)

2x Jackets (~1900 mt each)

2x Tie-in platform float over (~6700 mt each)

Offshore hook-up and commissioning of 6 wellhead platforms and two tie-in platforms scopes is jointly executed with Larson & Toubro Hydrocarbon Engineering.



Welding procedure qualification testing being conducted at Serimax facility in Johor Baru, Malaysia

