



Sembawang Shipyard & SMOE to build new FPSO topside Facilities for ConocoPhillips China Inc.

Sembawang Shipyard Pte Ltd, in partnership with SMOE Pte Ltd, the offshore engineering unit of SembCorp Industries through SembCorp Utilities has signed a contract with ConocoPhillips China Inc. to fabricate and integrate topsides for a new build floating production, storage and offloading (FPSO) vessel for a major oil development in Bohai Bay, China.

The FPSO facility is bound for shallow-water Bohai Bay where ConocoPhillips China Inc., a unit of the US-based integrated petroleum company ConocoPhillips, is developing the massive

Peng Lai 19-3 Phase II Oil Development Project in cooperation with CNOOC Ltd.

Sembawang Shipyard (SSPL) will be executing the project in partnership with SMOE under a joint venture arrangement. SSPL and SMOE have collaborated previously in similar partnership arrangement and successfully delivered three FPSO projects, including the FPSO topsides currently under construction for the Erha Field Development in Nigeria.

Under the project, SSPL and SMOE will provide the secondary structural steel materials and fabricate 15 FPSO topside modules, one flare tower and seven pipe-

rack modules, as well as integrate the facilities onto a new hull and commission the facilities prior to the FPSO vessel's departure for China. The topsides, weighing approximately 35,000 tonnes, will have a processing capacity of 190,000 barrels of oil per day with 510,000 barrels of fluid handled per day.

When completed, the FPSO vessel will be the largest ever in China. It will have a length of approximately 300 metres, breadth of 60 metres and a depth of 30 metres, with an onboard storage capacity of 1.8 million barrels of crude oil. The hull will be built in China. The project is scheduled for completion in mid-2008. ⚓

