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REHAB

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August 2011

As a diversified global conglomerate, Punj Lloyd Group offers a wide range of EPC services in energy and infrastructure sectors along with engineering and manufacturing capabilities in the defence sector. The Group's three brands - Punj Lloyd, PL Engineering and Sembawang Engineers & Constructors, each with their own subsidiaries and joint ventures, converge to offer complementary services, rich experiences and the best practices from across the globe. Twenty international offices across the Middle East, the Caspian, Asia Pacific, Africa, South Asia, China and Europe, have established Punj Lloyd as a proven and reputable brand. From onshore and offshore pipelines, tanks and terminals, platforms to refineries, power plants to renewables, petrochemicals, airports, rail transit systems to expressways, the Group offers solutions across a wide spectrum of businesses.



Hydrocracker and Hydrogen Generation Project, Haldia Refinery, India.





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Punj Lloyd Group [continued]





OFFSHORE PIPELINES



TURNKEY CONSTRUCTION







WELDING



















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Punj Lloyd, an OHSAS 18001, ISO 14001 and ISO 9001 certified company, offers world-class standards of health, safety, environment and quality (HSEQ) at all its project sites.

The Group's key strength is its ability to manage operations in diverse geographies, industries and economies. The 'can do' spirit of the company makes it different from other players in the market.

The Group attributes its success to its 27 000 strong, skilled workforce from multicultural nationalities, bringing to the project their exhaustive knowledge and experience of engineering, procurement and construction methodologies.

Adding to this, is Punj Lloyd's huge equipment base including heavy lifting cranes, pipelayers, bituminous road equipment, the largest fleet of Maxi HDD rigs in India, flotilla of offshore pipelay barges and unrivalled marine and amphibian equipment that gives Punj Lloyd an edge over its competitors.

In its pursuit of business, the Group endeavours to uplift the community where it operates. IFC (International Finance Corporation), a World Bank member, partnered with Punj Lloyd while executing one of its CSR programmes for migrant workers at its project sites. WP

Serial	Name of project	Country	Owner	Scope of work	Completed/ongoing
no.	• •	•		•	
1.	Sabah Sarawak Pipeline Project	Malaysia	Petronas Carigali Sdn Bhd	EPC and commissioning of 36 in. diameter, 521 km gas pipeline from Kimanis, Sabah to Bintulu, Sarawak, with Cathodic Protection, compressor stations, metering stations, intermediate scraper stations and launcher station, receiver station, 22 block valve stations, six future tap off points along the pipeline, SCADA, telecommunication, leak detection, fire and gas system, and a gas management system	Ongoing/scheduled date of completion: July 2012
2.	Hydrogen generation and hydrocracker unit for Haldia Refinery	India	Indian Oil Corporation	Residual process design, detailed engineering, procurement, supply, third party inspection, transportation of all equipment/materials to site, materials management, construction, installation, testing, pre-commissioning, commissioning, performance guarantee run on single point responsibility basis	Completed February 2010
3.	Strategic gas transmission pipeline	Qatar	Qatar Petroleum	EPC of laying of 36 in. diameter x 124 km and 87 km twin pipeline (P1 and P2) from station V to station S and T 3 respectively. Also, 24 core FOC laying, station work, construction of six SBVs beside existing SBVs, modification and expansion work at station V and station S and new construction of station T3, relocation of 9 km, 11 KV overhead power line in pipeline route	Ongoing/ scheduled date of completion: July 2011
4.	EPCIC of three well head platforms and laying of three segments of 18.6 km of offshore gas pipeline	Indonesia	Pertamina	EPC and installation and commissioning (EPCIC) of three well head platforms and laying three segments of 18.6 km of offshore gas pipeline along with subsea 'wye' installation in existing pipeline without any shutdown. The scope of work also includes EPCIC for restaging and re-configuration of two compressor trains including deck extension and platform modification work	Ongoing/ scheduled date of completion: February 2012
5.	Oil and gas export pipelines	Kazakhstan	Agip KCO	Detailed EPC of 24 in. diameter, 49.5 km oil pipeline with two crossings by horizontal directional drilling (HDD) method and 90 km gas pipeline in Atyrau region of western Kazakhstan	Completed December 2010
6.	Port tank for Jubail Export Refinery Package 9	Saudi Arabia	Saudi Aramco	EPC of tank farm, vapour recovery system, transfer pipelines, air system, sewer system, emergency diesel generator, port operation buildings, loading facilities, water OSBL, nitrogen. Two for fuel oil, four tanks for Paraxylene and gasoline/diesel, 54.7 m diameter, 21.9 m height with total capacity of 182 800 m ³	Ongoing/ scheduled date of completion: June 2012
7.	Platform compression facilities	Thailand	PTT Public Company Ltd	Detailed engineering, design, equipment and material procurement, transportation, construction, load-out, installation, precommissioning, commissioning, technical assistance, associated work	Ongoing/ scheduled date of completion: January 2012