

## Technip awarded subsea contract for Shell's Prelude FLNG development

Technip has been awarded a large subsea installation contract by Shell Development (Australia) Pty Ltd for the Prelude<sup>(1)</sup> Floating Liquefied Natural Gas (FLNG) facility moored some 200 kilometers off the north west coast of Australia, in the Browse Basin, at a water depth of approximately 240 meters.

The contract includes:

- The project management, fabrication, transport and installation by reeling of 12" corrosion resistant alloy clad rigid flowlines<sup>(2)</sup>,
- The onshore fabrication of PLETs<sup>(3)</sup>, flowline appurtenances and rigid spools<sup>(4)</sup>,
- The transport and installation of the subsea equipment including manifolds, umbilical termination assemblies, rigid spools and flying leads,
- The management of key interfaces with the hook-up and commissioning of the FLNG facility with timely transport, installation and handover of the flexible risers<sup>(5)</sup> and umbilical<sup>(6)</sup>.

Technip's operating centers in Perth, Australia, and Kuala Lumpur, Malaysia, will execute the contract, with engineering to commence immediately. Technip's spoolbase in Orkanger, Norway, will be welding the flowline linepipe provided by Shell Development (Australia) Pty Ltd. Vessels from the Group's fleet will be used for the offshore campaigns, including the Deep Energy and the Deep Orient.

This award represents a key milestone for Technip, achieving the first reel-pipelay project in the region for the new-built vessel, the Deep Energy.

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<sup>(1)</sup> Technip, co-partner of the TSC consortium with Samsung Heavy Industries, is in charge of the construction and installation of the FLNG facility.

<sup>(2)</sup> Flowline: a rigid pipe, laid on the seabed, which allows the transportation of gas/condensate production. The length is 4-off approx. 3 kms flowlines each.

<sup>(3)</sup> PLET: pipeline end termination, subsea structure to connect rigid flowline and flexible riser.

<sup>(4)</sup> Spool: short length pipe connecting a subsea pipeline and a riser, or a pipe and a subsea structure.

<sup>(5)</sup> Riser: a flexible pipe laid on the seabed, which allows the transportation of gas/condensate production from the seabed to the surface production facility. The length of each of the 4-off risers is approx. 800 m.

<sup>(6)</sup> Umbilical: an assembly of steel tubes which can also include electrical cables or optic fibres used to control subsea structures from the surface facility.



Technip is a world leader in project management, engineering and construction for the energy industry.

From the deepest Subsea oil & gas developments to the largest and most complex Offshore and Onshore infrastructures, our 30,000 people are constantly offering the best solutions and most innovative technologies to meet the world's energy challenges.

Present in 48 countries, Technip has state-of-the-art industrial assets on all continents and operates a fleet of specialized vessels for pipeline installation and subsea construction.

Technip shares are listed on the NYSE Euronext Paris exchange and the USA over-the-counter (OTC) market as an American Depositary Receipt (ADR: TKPPK).

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