



## **Technip awarded major flexible pipe supply contract**

April 28, 2010

Technip has been awarded by Petrobras in April a contract for the infield lines of the pilot system for the Tupy field. This field is located at a water depth of 2,200 meters in the pre-salt layer of the Santos Basin, approximately 300 kilometers offshore the Brazilian coast.

The contract includes the engineering, procurement, manufacturing and supply of 90 kilometers of risers(1) and flowlines(2) for water injection, oil production, gas lift and carbon dioxide (CO2) reinjection.

The key challenges of this project are due to the water depth, and the large CO2 and hydrogen sulfide (H2S) content in the produced fluid. A new riser monitoring system, using distributed temperature sensor (DTS) technology, has been specially developed for this application and will be incorporated in the flexible pipes.

Technip's operating center in Rio de Janeiro, Brazil will execute this contract. The flexible pipes will be manufactured at the Technip's plant in Vitória, Brazil, with the support of the plant in Le Trait, France. Delivery of the pipes is scheduled to start towards the end of 2010 and finish at the end of 2012.

With this new contract, Technip enhances its leading position in Brazil and especially in the promising pre-salt market.

(1) Riser: a pipe or assembly of pipes used to transfer produced fluids from the seabed to surface facilities.

(2) Flowline: flexible or rigid pipe laid on the seabed for the transport of production or injection fluids.

Technip is a world leader in the fields of project management, engineering and construction for the oil & gas industry, offering a comprehensive portfolio of innovative solutions and technologies.

With 23,000 employees around the world, integrated capabilities and proven expertise in underwater infrastructures (Subsea), offshore facilities (Offshore) and large processing units and plants on land (Onshore), Technip is a key contributor to the development of sustainable solutions for the energy challenges of the 21st century.

Present in 48 countries, Technip has operating centers and industrial assets (manufacturing plants, spoolbases, construction yard) on five continents, and operates its own fleet of specialized vessels for pipeline installation and subsea construction.

The Technip share is listed on Euronext Paris exchange and over the counter (OTC) in the USA.

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