

P-56 SEMI SUBMERSIBLE PLATFORM

OUR CLIENT FELS Setal-Technip
OPERATORS Petrobras

**DESCRIPTION OF THE PROJECT**

P-56 is a Semi-submersible platform that will be installed in deep water in the heavy Oil Marlim Sul field in the Campos basin outside Brazil.

The rig is built in Rio de Janeiro state by the FELS Setal-Technip consortium and is identical to the P-51 platform that was delivered in 2008.

CHALLENGES

The main challenge was that this was the first semi-submersible platform built completely in Brazil and both customer and shipyard were new for us.

Novenco also had to work with two separate engineering teams for the Accommodation and Deckbox area. Meeting the demands in the latest Petrobras specifications was challenging because Petrobras require extensive documentation and have a complex approval process. Last but not least the stringent sound requirements were difficult to meet in critical areas.

SOLUTION

As with P51, Novenco were awarded 2 separate purchase orders for the Accommodation and Deckbox. Novenco managed the project from their main Offshore offices situated in Oslo, Norway.

SCOPE OF WORK

Novenco's scope of work was procurement, production, testing and delivery of all HVAC equipment detailed overleaf, as well as commissioning assistance after installation.

Documentation had to be identical to P51, with over 280 official project documents which had to be converted in order to comply with the new project requirements.

ADVANTAGES

Novenco has up to now delivered HVAC equipment to more than 12 different Petrobras platforms, spanning a period of over 15 years.

It is Novenco's vast experience supplying their products to Petrobras and other demanding clients in the parts of the world supplying to the global Offshore Industry that allows Novenco to offer customers the most reliable and optimal HVAC solution for their project.

Novenco are one of the very few remaining suppliers of HVAC equipment that produce the main components such as Air Handling Units and fans themselves, ensuring total control over the production process.

SCOPE OF SUPPLY:

ACCOMMODATION AREA

- 14 Floor Fan Coil units
- 104 Ceiling Fan Coil units
- 25 Centrifugal & Axial Fans
- 20 Inlet Air Filter Boxes
- 1 Self Contained cooling unit
- 40 inlet and outlet Louvers
- 25 Pneumatic Fire Dampers
- 18 Tightness Dampers
- 10 Pneumatic Dampers Panels
- 42 Non Return Dampers
- 1 Modulating Damper
- 39 Regulating Dampers
- 2 Electrical Air Heaters
- 175 Grilles
- 257 Diffusers
- 117 Control Valves
- 121 Shut off & Regulating Valves



DECK BOX AREA

- 29 Inlet Air Filter Boxes
- 3 Chilled Water Units
- 3 Chilled Water Pumps
- 20 Horizontal Modular Floor Fan Coil units
- 5 Horizontal Ceiling Fan Coil units
- 66 Centrifugal & Axial Fans
- 8 Sound Attenuators
- 94 Pneumatic Fire Dampers
- 25 Tightness Dampers
- 99 Non Return Dampers
- 57 Regulating Dampers
- 2 Modulating Dampers
- 22 Pneumatic Dampers Panels
- 289 Grilles
- 19 Regulating Water Valves

