

República Democrática de Timor-Leste Newspaper Advertisement

**PROVISION OF OFFSHORE SURVEY AND DRILLING SERVICES FOR THE BAYU-UNDAN WELL
ABANDONMENT PROGRAM (BUWA)**

ConocoPhillips is the operator of the Bayu-Undan Facility, which is located within the Timor Sea Joint Petroleum Development Area.

Pursuant to clause 10.1 of the Production Sharing Contract, ConocoPhillips is seeking expressions of interest from Companies capable of providing the referenced goods or services to the Oil and Gas Industry who are a duly incorporated entity under the laws of República Democrática de Timor-Leste or Australia and who meet the minimum requirements listed.

Description of Goods / Services:**1. Offshore Remotely Operated Vehicle Services****Minimum Requirements:**

- Primary and Secondary ROV system;
- Minimum 100 HP, capable of carrying large tooling skids and able to operate with on bottom current speed 0.5kts;
- Deployment cage with catcher and minimum of 100m of tether from the launch point;
- High resolution colour TV camera / Colour and black & white low-light TV cameras;
- Fibre optic armoured umbilical with sufficient length to work in proposed water depths;
- High-resolution search and navigation scanning sonar;
- Full time bathymetry display;
- Two 7-function manipulators;
- Video suite comprising, Video timer, video typewriter, VHS video cassette recorder;
- Operator control unit (properly zoned for moonpool operations) and maintenance cabin;
- Handling equipment with complete launch & recovery system comprising, A-frame with umbilical & wire sheaves, Umbilical deck winch with Armour Plated Umbilical & ROV location /tracking device;
- 24hr coverage of specialist offshore personnel to prepare, install and operate such equipment; and
- Tool package for subsea wellhead clean up should include but not limited to:
 - Perform a seabed survey in 70m radius around Wellhead for debris and equipment.
 - Wellhead location survey with an uncertainty of ± 10 ft.
 - Removal of trash cap (corrosion cap).
 - HP water jet cleaning of Wellhead and WH connector area.
 - Clean gasket profile / inspect.
 - Pressure test WH connector up to ~ 4000 psi using a test cap (connector profile will be provided).
 - Scrape / gauge guide posts.
 - Take reading of Bull eye.
 - Insert corrosion inhibitor.

- Replace corrosion cap.
- Acid cleaning / soaking.
- Guide post cutting / removal.
- Dredging.

2. Geophysical Survey

Minimum Requirements:

- Acquisition of high-resolution geophysical data over a 3 x 3 km box or polygon with the proposed rig site located centrally. The geophysical survey comprises the following elements:
 - Multibeam echo sounder (MBES) giving detailed bathymetry.
 - High resolution sub-bottom profilers (SBP) allowing identification of surficial geology. It is recommended a pinger profiler is utilized rather than a chirp system. 500J Boomer data should also be acquired.
 - Side scan sonar (SSS) operating at 100 and 500 kHz allowing identification of seabed textures, obstructions and sediment dynamics.
 - Magnetometer (recommended).
 - The SSS and MBES data must be ground-truthed by shallow sampling (grabs, corers, video).
 - The line spacing should be 50m apart within a radius of 200m of the proposed location. Additional lines should be spaced out 100m to 500m from the proposed location for both cross lines and in-lines. Additionally, 2 orthogonal lines should be acquired through the proposed location to 2km from the well location to identify the local geological setting. The proposed location must be crossed.

3. Geotechnical survey and Seabed Coring Operations (Subsea Well Locations)

Minimum Requirements

- Vessel should have DP2 capability with survey grade positioning systems;
- Ability to drill geotechnical borehole to a minimum depth of 40m below seabed in water depths of 110m;
- Conduct continuous sampling at one of the proposed leg locations with potential for coring;
- Perform Piezo Cone Penetrometer Test (PCPT) at each of the proposed leg locations; and
- Data interpretation must result in a leg penetration estimation.

4. Well Test/ Flowback Package

Minimum Requirements:

- Choke manifold;
- Separator;
- Surge tank;
- Diverter manifold for surge tank vent;
- Emergency Shutdown system, including a surface safety valve;
- Surface flow head;
- Transfer pump;
- High pressure and low pressure pipe work;

- Burner Booms, including burner heads and gas flares;
- Waste fluid storage tank; and
- Qualified well test engineers and operators.

Companies who meet all of the minimum requirements are invited to submit their written expression of interest by email or hand delivery no later than **12th April 2019** for the attention of Reinalda Pires, Purchasing Officer.

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"The Timor Sea Treaty between the Government of Timor-Leste and Australia and the Production Sharing Contracts require that in providing these goods/services, all interested companies shall give preference to the employment of Timor-Leste nationals and permanent residents, having due regard to safe and efficient activities and good oilfield practice."

This advertisement can also be viewed at <http://www.conocophillips.com.au/our-business-activities/supply-chain-west/Pages/Expressions-of-Interest---Bayu-Undan-and-Timor-Leste.aspx>.