

Reference No:	RFI-ITT19-DRLBAR_MPD
Title:	Provision of Managed Pressure Drilling (MPD) Equipment and Services
Scope of Work:	<p>Provision of a Managed Pressure Drilling (MPD) package, including equipment and services, to deliver a closed-loop circulation system in which pore pressure, formation fracture pressure, and bottomhole pressure are balanced and managed at surface. The equipment and services will be operated from a moored Mobile Offshore Drilling Unit/s (MODU) to complete and clean-up 6 subsea production wells 300 kilometres north of Darwin, Northern Territory, within the Bonaparte Basin, located in the Timor Sea. The MPD equipment and services shall include but not necessarily limited to:</p> <ol style="list-style-type: none"> 1. Below Tension Ring (BTR) Managed Pressure Drilling (MPD) system and services, including: <ol style="list-style-type: none"> a) Rotating control device (RCD) b) Bearing assembly for RCD c) Running / retrieving tool for bearing assembly d) Annular type blowout preventer e) Dual outlet flow spool f) Associated hardware g) Distribution / buffer manifold h) Choke manifold i) Mass flow meter(s) j) Hydraulic power units and accumulators k) Rock catcher / junk catcher l) Dynamic PRV's m) Control unit n) Un-interruptible power supply o) Umbilicals, hoses, lines, reelers p) Control cabin q) Cargo baskets / containers 2. Associated engineering, personnel and miscellaneous services, including: <ol style="list-style-type: none"> a) MPD engineering and project management b) Planning, rig mods consultation and supervision c) Qualified Offshore operational personnel d) Ongoing R&D information /opportunities 3. Access to hydraulic modelling software 4. Schedule (subject to change): <ol style="list-style-type: none"> a) Tender: Late Q3 2019 b) Contract Award: Q1 2020 c) No earlier mobilisation: Q1 2021 d) No later mobilisation: Q2 2021
Objectives:	<p>The main objectives for this source of interest and information are to:</p> <ol style="list-style-type: none"> 1. Explore Contractor ideas or recommendations for supply of equipment in the intended scope of work; identify efficiency and design opportunities, via innovative practices and adoption of innovative technologies. 2. Enable ConocoPhillips to gather the latest market information on MPD, that conform to the technical requirements identified in the scope of work.

Project Registration

ConocoPhillips is committed to ensuring Australian Industry full, fair and reasonable opportunity to participate in the Barossa Project. Expressions of Interest are invited from contractors and suppliers with the relevant capability and capacity to undertake the scope of work.

This is a request for specific expressions of interest. Contractors and suppliers will be considered for prequalification and tender if suitably qualified against this package.

Note that an important part of the project registration process is to register an Expression of Interest at the correct Scope level.

Scope level definition:

Full scope: Able to produce / supply all of the package.

Partial scope: Able to produce / supply one or more of the sub-packages.

All registrations are to be completed via ICN Gateway BarossaOffshore.icn.org.au. Please contact the ICNNT if registration assistance is required. Contact details: (08) 8922 9422 or admin@icnnt.org.au.

Project Website: ConocoPhillips Australia