



Beach Energy – Expression of Interest

Project	Trefoil Project
Package Title	Trefoil Project Subsea Umbilical
Reference Number	Coupa Sourcing Number: 1394

Project Overview Beach Energy is undertaking the development of the Trefoil project, which includes the tie-back of two subsea wells at Trefoil via Subsea Pipelines and Umbilicals 38km to the Yolla Platform located in the Bass Strait. The scope comprises:

- Drilling and completion of the Trefoil-3 and Trefoil-4 development wells.
- Design, procurement, and installation of subsea infrastructure at Trefoil (Christmas Trees (XTs) & Subsea Control Modules (SCMs), Subsea Distribution Unit (SDU) and Pipeline End Module (PLEM)).
- Design, procurement and installation of 38km Pipeline (including Pipeline End Termination (PLET)) and Umbilical, from the Trefoil field to the Yolla Platform.
- Riser and Umbilical tie-in to the Yolla Platform, through new J-tubes.
- Brownfields modifications to Yolla Platform and Lang Lang Gas Plant to facilitate the Trefoil development.

Scope of Work The scope of this Expression of Interest is for the Subsea Umbilical supply including the detailed design, specification, manufacture, testing and delivery.

The 38km long subsea umbilical includes the following component lines requiring suitable packaging with fillers, armouring and outer layer:

Line No	Line Function	Designation	Design Rating	Diameter / Area
1	Hydraulic Fluid	LPA	345bar (5000psi)	12.7mm (1/2")
2	Hydraulic Fluid	LPB	345bar (5000psi)	12.7mm (1/2")
3	Hydraulic Fluid	HPA	517bar (7500psi)	9.5mm (3/8")
4	Hydraulic Fluid	HPB	517bar (7500psi)	9.5mm (3/8")
5	Hydraulic Fluid	SP2	517bar (7500psi)	12.7mm (1/2")
6	Hydrate Inhibitor	KHI	517bar (7500psi)	25.4mm (1")
7	Hydrate Inhibitor/Cold start	MEO	517bar (7500psi)	25.4mm (1")
8	Corrosion / Scale Inhibitor	CSI	345bar (5000psi)	12.7mm (1/2")
9	Chemical Spare	SP3	517bar (7500psi)	25.4mm (1")
10	Power/Comms	PCA	0.6 / 1.0 (1.2) KV	16mm ²
11	Power/Comms	PCB	0.6 / 1.0 (1.2) KV	16mm ²
12	Power/Comms Spare	SP1	0.6 / 1.0 (1.2) KV	16mm ²

Additional options may be considered for supply of the:

- Subsea Distribution Unit (SDU) - subsea end of the umbilical.
- Topsides Umbilical Termination Unit (TUTU) – platform end of the umbilical.
- Supply of flying leads (electrical and hydraulic/chemical)

Expected tender issue 21st January 2022 and tender proposals due 18th February 2022 (dates are a guideline only, exact dates to be confirmed).

Expression of Interest Close Date 7 January 2022

Target Award Date August 2022

Supplier Registration Beach Energy are committed to providing all Australians full, fair and reasonable opportunities to participate in providing goods and services for the Trefoil Project. Please ensure your company is registered with the ICN Gateway by clicking [here](#). Suppliers who register for this Expression of Interest will be considered for an Invitation to Tender, if suitably qualified and will be contacted directly by Beach Energy.

Contact All enquiries for this Expression of Interest should be made through the Industry Capability Network Victoria on the below contacts:

Colin Young

Industry Adviser

0438 753 428

CYoung@icnvc.org.au

Tijana Gibson

Senior Client Services Officer

03 9864 6782

tgibson@icnvc.org.au

URL For more information about Beach Energy, please visit the Beach Energy website <https://www.beachenergy.com.au/> and the Beach Energy Portal on the [ICN Gateway](#), for any upcoming opportunities.
