



## Bayu Undan CCS Project

<b>Project</b>	Bayu-Undan Carbon Capture and Storage
<b>Package Number</b>	SAN-CCS-002
<b>Package Name</b>	Onshore Compression Package
<b>Package Description</b>	Supply of one (1) CO2 export compressor and one (1) CO2 removal membrane permeate compressor
<b>Minimum SOW Requirements</b>	<p>Mandatory scope:</p> <p>One (1) CO2 export compressor:</p> <ul style="list-style-type: none"><li>• Circa 150MMSCFD flow, suction pressure of ~1 barg and discharge pressure of ~150barg</li><li>• Fluid transitions to dense phase through the fourth stage</li><li>• Dehydration between 3<sup>rd</sup> and 4<sup>th</sup> stages</li><li>• Four stage single shaft inline compressor and IGC considered to date</li><li>• Electrically driven</li></ul> <p>One (1) CO2 removal membrane permeate compressor:</p> <ul style="list-style-type: none"><li>• Circa 200 MMSCFD flow, suction pressure of ~1 barg, discharge pressure of ~60barg</li><li>• Fluid (70% CO2, 30% methane, dry) remains in vapour phase</li><li>• Three stage single shaft inline compressor is the base case, IGC has not been considered to date</li><li>• Electrically driven</li></ul> <p>Both compressors shall be designed for 50% turndown to account for diurnal production swings through the LNG plant.</p> <p><b>The following information is requested from the vendor with the EOI submission</b></p> <ul style="list-style-type: none"><li>• Proposed compression technology for the membrane and CO2 export compressors and a comparison of any alternatives (i.e Centrifugal versus integrally geared)</li><li>• Typical scope of design and supply. Some optionality may include combinations of the following<ul style="list-style-type: none"><li>○ Electrical equipment (VFDs, transformer, switchrooms etc) design and or supply</li><li>○ Balance of plant design and or supply. Note please detail specific equipment included in the balance of plant scope if offered.</li></ul></li><li>• High level details of any vendor specific control systems</li><li>• Provide any product brochures/other relevant information that can be shared</li></ul>

<b>Delivery / Supply Schedule</b>	<ul style="list-style-type: none"> <li>• Project Early FEED works underway to determine compressor requirements</li> <li>• Request for tender issued – Early August 2022</li> <li>• Tenders due back – September 2022 (six-week tendering period)</li> <li>• Successful bidder informed – October 2022</li> </ul>
<b>Full Scope Expression of Interest Closing Date</b>	15 July 2022

### Project Registration Information

Santos NA Darwin Pipeline Pty Ltd is committed to ensuring Australian Industry the opportunity to participate in the Bayu Undan CCS Project.

You are invited to submit an expression of interest if you have the relevant capability and capacity to undertake the scope of work. Suppliers and contractors will only be considered for prequalification and tender lists if suitably qualified.

All expressions of interest (EOIs) are to be completed via ICN Gateway [BayuUndanCCS.icn.org.au](http://BayuUndanCCS.icn.org.au)

Please contact ICNNT if EOI assistance is required. Contact details: (08) 8922 9422 or [resources@icnnt.org.au](mailto:resources@icnnt.org.au)

**Note** that an important part of the project registration process is submitting your EOI at the correct Tier level.

#### Tier level definition:

**Full Scope (Tier 1):** Able to produce / supply all of the package. **Partial Scope (Tier 2):** Able to produce / supply SOME of the package.

More information about Santos NA Darwin Pipeline Pty Ltd and the Bayu Undan CCS Project can be found at [www.santos.com](http://www.santos.com)