



Bayu Undan CCS Project

Project	Bayu-Undan Carbon Capture and Storage
Package Number	SAN-CCS-001
Package Name	Membrane CO2 Removal Package
Package Description	<p>The project has selected a two-stage membrane process for bulk removal of CO₂ from Barossa feed gas, operating in series with the existing Amine CO₂ removal unit at Darwin LNG (DLNG) to meet liquefaction specification.</p> <p><u>Scope of Work</u></p> <p>The high-level requirements for this membrane package are as follows:</p> <ul style="list-style-type: none">- Design flow rate of 756 MMSCFD- Lower the CO₂ content in the feed from 20mol% to 6mol%- Greater than 98wt% hydrocarbon recovery- Ability to turn-down to 50% of design rate <p>The scope of work for this package is as follows:</p> <ul style="list-style-type: none">- FEED and Detailed design engineering of the membrane package including specification of pre-treatment requirements and permeate compressor duty.- The supply of membranes as skid mounted packages for on-site installation by the construction contractor. These skid mounted packages will include all required instrumentation/control equipment.- The supply of pre-treatment units (pre-heating, filtration, separation etc.) and associated control/instrumentation equipment. <p>Supply of the permeate compressor and associated equipment is outside of the scope of this package.</p>
Minimum SOW Requirements	The successful membrane vendor (having completed the necessary FEED/Detailed design engineering) would supply, as a minimum, the membranes as skid mounted packages for on-site installation by the construction contractor. Pre-treatment equipment is optional, but must, as a minimum be specified by the vendor.
Delivery / Supply Schedule	FEED Engineering complete: End of 2022 Equipment supplied to site: Q3 2024
Full Scope Expression of Interest Closing Date	6 th of June 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

Please contact ICNNT if EOI assistance is required. Contact details: (08) 8922 9422 or 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