

Package No:	BAR-060																		
Package Name:	Dynamically Positioned (DP) Transportation Vessel																		
Scope of Work	<p>The DP Transportation Vessel Scope comprises activities associated with the provision of DP2 Barge(s) to transport equipment from several ports in Southeast Asia to Darwin, Australia, and offshore to the Barossa field for installation.</p> <p>Following high-level sequence of work for DP Transportation Vessel when offshore infield:</p> <ol style="list-style-type: none"> DP Transportation Vessel arrives in field with cargo DP Transportation Vessel keep in station Heavy Construction Vessel (HCV) starts to step towards DP Transportation Vessel, in accordance with installation sequence and procedure HCV performs lift from DP Transportation Vessel, with both vessels on DP, at an agreed and set safe distance of operation. Once the equipment is lifted, HCV to step away and perform deployment and installation DP Transportation Vessel remains in field until all required equipment in lifted/installed DP Transportation Vessel could also be used to store recovered equipment. <p>Please see below DP Barge requirements:</p> <table border="1"> <thead> <tr> <th>Requirement</th> <th>DP Barge/Transportation Vessel</th> </tr> </thead> <tbody> <tr> <td>Dynamic Positioning system</td> <td>DP2 <u>minimum</u></td> </tr> <tr> <td>Deck</td> <td>Minimum deck space required 123m L x 32m W (Approx. 4000m²) Clear and unobstructed Deck strength at min. 10Te/m²</td> </tr> <tr> <td>Manning</td> <td>Notwithstanding minimum requirement by IMO and Port State, sufficient Australian crew will be provided to navigate the DP Transportation vessel. The vessels are to be manned for 24hr continuous operations while on hire. DP Barge Masters to manage individual working hours to suit daily updates and plans from Heavy Construction Vessel (HCV). Supplier to provide IR Management Plan. Supplier to provide CVs of key DP personnel, including DP logbooks for review.</td> </tr> <tr> <td>Class requirements</td> <td>The vessel shall remain in Class without the need for vessel interruptions to the work durations.</td> </tr> <tr> <td>Offshore Operations Experience</td> <td>Experience required for similar vessel-to-vessel DP operations, including in Australian waters</td> </tr> <tr> <td>Accommodation</td> <td>Option to provide accommodation for up to 12 project personnel (Construction personnel, Engineers, Client)</td> </tr> <tr> <td>Dimensions (not to exceed)</td> <td><u>Maximum Length 180m</u> <u>Maximum Width 42m</u></td> </tr> <tr> <td>Draft</td> <td>Capable of achieving 5m draft or less, whilst empty</td> </tr> </tbody> </table>	Requirement	DP Barge/Transportation Vessel	Dynamic Positioning system	DP2 <u>minimum</u>	Deck	Minimum deck space required 123m L x 32m W (Approx. 4000m ²) Clear and unobstructed Deck strength at min. 10Te/m ²	Manning	Notwithstanding minimum requirement by IMO and Port State, sufficient Australian crew will be provided to navigate the DP Transportation vessel. The vessels are to be manned for 24hr continuous operations while on hire. DP Barge Masters to manage individual working hours to suit daily updates and plans from Heavy Construction Vessel (HCV). Supplier to provide IR Management Plan. Supplier to provide CVs of key DP personnel, including DP logbooks for review.	Class requirements	The vessel shall remain in Class without the need for vessel interruptions to the work durations.	Offshore Operations Experience	Experience required for similar vessel-to-vessel DP operations, including in Australian waters	Accommodation	Option to provide accommodation for up to 12 project personnel (Construction personnel, Engineers, Client)	Dimensions (not to exceed)	<u>Maximum Length 180m</u> <u>Maximum Width 42m</u>	Draft	Capable of achieving 5m draft or less, whilst empty
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Environmental requirements	Supplier must not use Fire extinguishing agents containing Perfluorinated Chemicals (PFAS)/Perfluorooctane sulfonate (PFOS)
Fuel requirements	Supplier must use only MGO or MDO fuel within the Operational Area*;
	Tanks of Supplier's Marine Spread Vessels must be free of HFO or IFO when in the Operational Area*
	Supplier's Marine Spread must comply with IMO 2020 low sulphur standard

* The Operational Area shall be defined as the Barossa field infield area (Approximately 7500m radius from FPSO turret mooring centre), 2000m distance either side of Gas Export Pipeline along its entire length, and 3000m radius around the Bayu Undan pipeline tie-in point.

Applicable Codes & Standards:

Doc. No.	Description
AISC	AISC Steel Construction Manual
AWS D1.1	Structural Welding Code – Steel
DNVGL-ST-N001	Marine Operations and Marine Warranty
IMCA	IMCA Codes, Practices and Guidelines
ISO 9000	Quality Management Systems – Fundamentals and Vocabulary
ISO 9001	Quality Management Systems - Requirements
ISO 10474	Steel and Steel Products – Inspection Documents
ISO/IEC 17025	General requirements for the competence of testing and calibration laboratories
ISPM 15	Regulation of Wood Packaging Material in International Trade
	Australian Maritime Safety Authority Act 1990 (Cwlth)
	Biosecurity Act 2015
	ILO Convention 68
	IMO Regulations
	International Ship and Port Facility Security (ISPS) Code
	International Safety Management (ISM) Code
	International Maritime Dangerous Goods Code (IMDG Code)
	International Regulations for Preventing Collisions at Sea - COLREGS
	MARPOL 73/78 Consolidated Edition 1991
	Protection of the Sea (Harmful Anti-fouling Systems) Act 2006 (Cwlth)
	SOLAS Conventions
	STCW -95

Attachments:

- N/A

Contract Award: Q3 2022

Delivery:

- Base Case workscope is a 4-month duration campaign starting between mid-October 2023 and mid-February 2024.
- Optional Case workscope is an additional 1.5-month duration campaign starting between 1st of May 2024 and 1st of September 2024.

Santos is committed to ensuring Australian Industry full, fair and reasonable opportunity to participate in the Barossa Offshore 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.

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: Santos Australia