

Package Number	TBA																										
Package Name	Pressure Vessel - Misc																										
Scope of Work (* To be confirmed)	<p>Supplier to quote full or part of the scope specified below for supply of Pressure Vessels - Misc. Company reserves the right to award any part of the scope to any one or more Suppliers, depending on the capability of the Suppliers.</p> <p>Scope of Work for PRESSURE VESSEL, including</p> <ul style="list-style-type: none"> • Scope shall include Mechanical design, documentation, materials, fabrication, inspection, testing, surface preparation and painting, preparation for shipment, supply and performance of Pressure Vessels. • Pressure classifications range from 150# to 600# rating as per ASME B16.5. • Mechanical Designs shall be carried out preferably with latest PV Elite Software with mechanical design and workmanship guarantee. • Pressure vessels shall be designed in accordance with ASME Sec VIII Div. 1 (Latest), applicable Project Specifications and local Codes. • All Pressure vessels shall be ASME Code U-Stamped. • Pressure vessels to be installed on a floating production storage and offloading (FPSO) vessel. Thus, offshore experience is required. • Material of construction for Pressure vessels is Carbon Steel and some Pressure vessels are Epoxy coated internally. However, this may change to Stainless Steel or Duplex, and Cladding, subject to final corrosion assessment. • Fabrication and hydro testing of each equipment. • External Surface preparation and painting of each equipment. • Long term preservation and Preparation for shipment for each equipment. • Submission of relevant documentation (data sheets, drawings, code calculations, MDRs, operating manual, etc.) for operation and maintenance of each unit. <p>Potential scope split being considered as indicated in below table:</p> <table border="1"> <thead> <tr> <th>Tag No</th> <th>Service / Description</th> <th>Capacity</th> <th>Size</th> <th>Design Pressure barg</th> <th>Design Temperature °C</th> <th>Materials (HOLD) Material selection needs to be finalised pending detailed corrosion assessment</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align: center;">POTENTIAL SUB-PACKAGE 1</td> </tr> <tr> <td>57-VD-3000</td> <td>CLOSED DRAIN DRUM</td> <td>10567 BLPD LIQUID</td> <td>10000 (L) X 1500</td> <td>FV/5</td> <td>-29/ 150</td> <td>CARBON STEEL+3MM CA & EPOXY</td> </tr> </tbody> </table>						Tag No	Service / Description	Capacity	Size	Design Pressure barg	Design Temperature °C	Materials (HOLD) Material selection needs to be finalised pending detailed corrosion assessment	POTENTIAL SUB-PACKAGE 1							57-VD-3000	CLOSED DRAIN DRUM	10567 BLPD LIQUID	10000 (L) X 1500	FV/5	-29/ 150	CARBON STEEL+3MM CA & EPOXY
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57-VD-3000	CLOSED DRAIN DRUM	10567 BLPD LIQUID	10000 (L) X 1500	FV/5	-29/ 150	CARBON STEEL+3MM CA & EPOXY																					

				(ID)			COATING INTERNALS: DUPLEX SS
46- VL- 5505	LEAN METHANOL RECEIVER	8.5 m3/hr	2000 (T/T) X 1000 (ID)	5/ FV	-29/90		CARBON STEEL+3mm CA & SS 316L INTERNALS
POTENTIAL SUB-PACKAGE 2							
40- VL- 7000	COOLING MEDIUM CIRCULATION VESSEL	11948 m3/hr	7920 (T/T) X 2290 (ID)	FV/18	-29/ 90		CARBON STEEL
41- VL- 7100	HEATING MEDIUM CIRCULATION VESSEL	524 m3/hr	7920 (T/T) X 1980 (ID) (HOLD)	FV/41	-29/232		CARBON STEEL+ 3mm C.A.
63- VL- 7230	INSTRUMENT AIR RECEIVER	810 Nm3/hr (HOLD)	10000 (L) X 2500 (ID)	FV/15	-29/ 80		CARBON STEEL & EPOXY COATING
63- VL- 7231	INSTRUMENT AIR RECEIVER	810 Nm3/hr (HOLD)	10000 (L) X 2500 (ID)	FV/15	-29/ 80		CARBON STEEL & EPOXY COATING
63- VL- 7220	PLANT AIR RECEIVER	300 Nm3/hr (HOLD)	8600 (L) X 2000 (ID)	FV/15	-29/ 80		CARBON STEEL & EPOXY COATING
64- VL- 7250	NITROGEN RECEIVER	680 Nm3/hr (HOLD)	10000 (L) X 2500 (ID)	FV/41	-29/ 80		CARBON STEEL & EPOXY COATING
Contract Award Q3 2021*; Delivery Q3 2022*							

Project Registration

Santos is committed to ensuring Australian Industry the 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 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](mailto:admin@icnnt.org.au).

Project Website: Santos Australia