

<b>Package Number</b>	IN-PS-0206
<b>Package Name</b>	Pressure Safety Valves - Topsides
<b>Scope of Work (* To be confirmed)</b>	<p>1.1 All materials shall be new and shall conform in appearance and quality to Industry Standards, requirements of this requisition, applicable Codes and Standards and recommended practice.</p> <p>1.2 Vendor to submit tentative overall dimensions of the valves along with the quotation.</p> <p>1.3 Pressure Safety Valves shall be designed as per API 520/API 526/ASME Sec VIII.</p> <p>1.4 Valve body shall be angle type, conventional/Bellows/Pilot type as specified in the datasheets.</p> <p>1.5 The SUPPLIER shall provide documentation in accordance with the SUPPLIER Data Requirements Listing (SDRL) after issuing of Purchase Order.</p> <p>1.6 All drawings and documents prepared by SUPPLIER shall be checked and duly signed before submission.</p> <p>1.7 Revisions to drawings shall be cloud marked and revision marked in enclosed triangles. All revisions to documents and calculations shall be underlined / cloud marked.</p> <p>1.8 316SS materials exposed to marine atmosphere shall be restricted to operating temperatures up to 60°C. Valve external surfaces exposed to marine atmosphere shall be painted if used above this service temperature.</p> <p>1.9 The use of asbestos is prohibited.</p> <p>1.10 Solid bars of &gt;2" in size shall not be used to produce any valve internals.</p> <p>1.11 Pressure/temperature ratings and valve design shall meet ASME B16.34 requirements.</p> <p>1.12 All valve-assemblies above 16 kg shall be provided with facility by means of lifting lug. Lifting lugs shall be clearly indicated on assembly drawings, including details of material suggested for lifting lugs.</p> <p>1.13 Flow direction shall be marked on the valve body.</p> <p>1.14 Supplier to quote materials for the various internal parts of the valves with regards to process conditions, safety, functionality, maintenance, cost, etc. Materials outside these requirements shall be highlighted by Supplier.</p> <p>1.15 All wetted parts shall be suitable for sour service to EN ISO15156 / NACE MR 01-75, latest revision.</p> <p>1.16 All screwed end cap connections shall be sufficiently locked by use of locking device such as solid pin flange or similar. Securing or locking end cap by welding will not be accepted.</p> <p>1.17 All Valves shall be hydro tested in accordance with project requirements Valve hydro test shall be carried out as per API 598. High pressure closure test shall be carried out for all valves.</p> <p>1.18 Pressure closure test (e.g. using water, low pressure air) shall be performed with seating and sealing surfaces free from oil, grease or sealant. If necessary to prevent galling, the sealing surfaces may be coated with a film of oil that is not heavier than kerosene, except for valves in gas service where seats and closure member sealing surfaces shall be cleaned before performing acceptance testing, using a proper solvent.</p> <p>1.19 Test gauges/chart recorders shall have a range not exceeding twice the maximum test pressure for the actual valve, and shall be calibrated in accordance with</p>

	<p>manufacturer's quality system.</p> <p>1.20 Valves designed to permit emergency or supplemental introduction of an injectable sealant to stem area, shall be tested and delivered with the injection system empty and not in use.</p> <p>1.21 After hydrostatic testing, the internal surfaces of all valves shall be coated with water displacing type of anti-corrosion fluid.</p> <p>1.22 Positive Material Identification (PMI) shall be provided as per project requirement.</p> <p>1.23 All materials shall be supplied with material certificates conforming to EN 10204, Type 3.1.</p> <p>1.24 Marking: Vendor shall ensure that all materials in their supply are properly marked. Stamping on high stress areas is not allowed. Marking by die stamping on the external surface of low stressed areas with round nosed tool is permitted. Conventional die stamping is acceptable only on the outer circumference of flanges.</p> <p>1.25 Valve ends and stuffing box shall be covered with close fitting protectors (ex: plastic caps) to protect the machined parts and prevent ingress of dirt and moisture, before transportation.</p> <p>1.26 Substitution of equivalent materials is subject to approval. All requests for substitution shall be accompanied with sufficient data / details for review / approval.</p> <p>1.27 All valves shall be painted as per project requirements, in accordance with offshore standards.</p> <p>1.28 Packing and preservation shall be provided as per project requirement.</p> <p>Total Qty : 200 off Size : 1 inch to 6 inches Class : 150# to 1500#</p> <p>Estimated contract award: Q4 2021 * Estimated delivery: Q3 2022 FCA factory *</p>
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**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](http://BarossaOffshore.icn.org.au). Please contact the ICNNT if registration assistance is required. Contact details: (08) 8922 9422 [or resources@icnnt.org.au](mailto:resources@icnnt.org.au).

Project Website: [Santos Australia](http://Santos Australia)