

Package Number	TBA
Package Name	Ultrasonic Flow meter - Topsides
Scope of Work (* To be confirmed)	<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 flow meters along with the quotation.</p> <p>1.3 Flow meter shall be designed as per the standards referenced in project specification.</p> <p>1.4 The SUPPLIER shall provide documentation in accordance with the SUPPLIER Data Requirements Listing (SDRL) after issuing of Purchase Order.</p> <p>1.5 All drawings and documents prepared by SUPPLIER shall be checked and duly signed before submission.</p> <p>1.6 Use of Stainless other than type with PRE < SS316 is strictly prohibited. 316SS materials exposed to marine atmosphere shall be restricted to operating temperatures up to 60°C. Meter external surfaces exposed to marine atmosphere shall be painted if used above this service temperature.</p> <p>1.7 The use of asbestos is prohibited.</p> <p>1.8 Pressure/temperature ratings shall meet ASME B16.34 requirements.</p> <p>1.9 All meter-assemblies above 16 kg shall be provided with facility by means of lifting lug. Lifting lugs shall clearly indicate on assembly drawings, including details of material suggested for lifting lugs.</p> <p>1.10 Flow direction shall be marked on the meter body.</p> <p>1.11 Supplier to quote materials for the various internal parts of the meters with regards to process conditions, safety, functionality, maintenance, cost, etc.</p> <p>1.12 All wetted parts shall be suitable for sour service to EN ISO15156 / NACE MR 01-75, latest revision.</p> <p>1.13 All meters shall be hydro-tested, function tested along with applicable NDE tests as indicated in project specification.</p> <p>1.14 Test gauges/chart recorders shall have a range not exceeding twice the maximum test pressure for the actual meter, and shall be calibrated in accordance with manufacturer's quality system.</p> <p>1.15 After hydrostatic testing, the internal surfaces of all flow meters shall be coated with water displacing type of anti-corrosion fluid.</p> <p>1.16 Positive Material Identification (PMI) to be done as per project specification.</p> <p>1.17 All materials shall be supplied with material certificates conforming to EN 10204, Type 3.1.</p> <p>1.18 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>1.19 Flow meter ends 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>1.20 All flow meters shall be painted as per project requirements, in accordance with</p>

	<p>offshore standards.</p> <p>1.21 Packing and preservation shall be provided as per project requirement.</p> <p>Total Qty (Estimated): 16 off Size : 6 to 30 inches Class : 150# to 1500# Material : Carbon steel, SS316 and Duplex SS.</p> <p>Estimated contract award: Q4 2021 * Estimated delivery: Q3 2022 FCA factory *</p>

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 resources@icnnt.org.au](mailto:resources@icnnt.org.au).

Project Website: Santos Australia