

Package Number	TBA																																																										
Package Name	Satellite Communication Equipment (VSAT and FBB)																																																										
Scope of Work (* To be confirmed)	<p><u>i) Scope of work:</u></p> <ul style="list-style-type: none"> To provide the complete engineering, procurement, manufacturing, testing, pre-commissioning, preservation, packing, installation/commissioning assistance, documentation and associated services for Satellite communication system Equipment for use on Barossa FPSO. The work to be performed by the SUPPLIER shall consist of, but not be limited to supplying Equipment, spares, special tools, testing devices, and every item of expense necessary for the design, engineering, supply, fabrication, application, handling, packing, transportation, installation, assembly, testing, pre-commissioning and quality assurance of the items in SUPPLIER's scope. All the equipment and other items in the scope of Work shall be designed to ensure a minimum design life of 20 years <p><u>ii) Scope of Supply:</u></p> <table border="1"> <thead> <tr> <th>Item</th> <th>Description</th> <th>Qty</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>Satellite Communication equipment package on Barossa FPSO consists of following sub-systems:</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>Scope of supply applicable:</td> <td></td> <td></td> </tr> <tr> <td>2.1</td> <td>VSAT System (Tri-band), IDU and ODU</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>2.2</td> <td>Fleet Broadband System, IDU and ODU</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3</td> <td>Start-up and Commissioning Spares SUPPLIER to recommend on the Start-up and Commissioning spare requirements.</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.1</td> <td>Special tools, if any</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.3</td> <td>Surface preparation and external painting</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.4</td> <td>Tagging and marking to COMPANY Standards</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.5</td> <td>Weighing of equipment (weighing more than 5MT)</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.6</td> <td>Seaworthy packing, marking and preparation for Shipment</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.7</td> <td>Preservation and Protection for long term storage</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.8</td> <td>Documentation according to the SUPPLIER Documentation Requirement List (SDRL) of this enquiry</td> <td>1</td> <td>Lot</td> </tr> <tr> <td>3.9</td> <td>Final documentation</td> <td>1</td> <td>Lot</td> </tr> </tbody> </table>			Item	Description	Qty	Unit	1.0	Satellite Communication equipment package on Barossa FPSO consists of following sub-systems:			2	Scope of supply applicable:			2.1	VSAT System (Tri-band), IDU and ODU	1	Lot	2.2	Fleet Broadband System, IDU and ODU	1	Lot	3	Start-up and Commissioning Spares SUPPLIER to recommend on the Start-up and Commissioning spare requirements.	1	Lot	3.1	Special tools, if any	1	Lot	3.3	Surface preparation and external painting	1	Lot	3.4	Tagging and marking to COMPANY Standards	1	Lot	3.5	Weighing of equipment (weighing more than 5MT)	1	Lot	3.6	Seaworthy packing, marking and preparation for Shipment	1	Lot	3.7	Preservation and Protection for long term storage	1	Lot	3.8	Documentation according to the SUPPLIER Documentation Requirement List (SDRL) of this enquiry	1	Lot	3.9	Final documentation	1	Lot
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4	Inspection, Examination, Testing & Certification	1	Lot
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4.2	Product Certification	1	Lot

Optional Bandwidth Activation and Usage Services:

SI No.	Description	Qty	Unit
i.	Bandwidth usage at Shipyard communication for 6 months 15Mbps, C Band	1	Lot
ii.	Bandwidth usage at Transit communication for 1month 15Mbps, C Band (Singapore to Offshore Australia, includes Anchorage/Sea trial)	1	Lot
iii.	Offshore Australia Field Communication (12 months) a) C Band, (GEO)15Mbps, [10 Uplink, 5 Downlink] b) Ka Band (MEO), 75Mbps	1	Lot
iv.	Onshore MPLS setup between Teleport, Santos Perth Office, BWO SG / Oslo Office	1	Lot
v.	Australia Tax for Offshore communication (12 months)	1	Lot
vi.	VSAT Operating license for Offshore Australia	1	Lot

Optional Services:

SI No.	Description	Qty	Unit
i.	Onshore assistance for site Installation & supervision with technical assistance (per diem rate)	1	Lot
ii.	Onshore assistance for Pre-Commissioning and Start-up (per diem rate)	1	Lot
iii.	2 years Operational Spares / Insurance Spares.	1	Lot

	(Bidder to complete the attachment “Spare Parts Interchangeability Record (SPIR)” and attach with submission)		
iv.	Operator Training (if applicable)	1	Lot
v.	Anchorage / Sea Trial Support services comprising: i. Installation assistance ii. Installation supervision iii. Pre-commissioning, commissioning, testing, start-up assistance	1	Lot
vi.	Transit and Offshore Support services comprising: i. Installation assistance ii. Installation supervision iii. Pre-commissioning, commissioning, testing, start-up assistance	1	Lot

iii) Mandatory Quality and Safety standards:

- Supplier shall ensure compliance to the codes, standards, laws, rules, international conventions and guidelines applicable to the design, manufacturing, transportation, installation, commissioning, start-up and operation of the Work as required by Company/Purchaser, Coast State (Local Government Authorities), CS, Flag State, Insurance companies and other interested parties having statutory or other jurisdiction over the Work.
- Supplier shall implement the Safety Critical Element and Performance Standard requirements as applicable to the Work and maintain an auditable record of implementation. Company/Purchaser will provide such Performance Standard/Safety Critical Element requirements to the Supplier during early stage of execution phase.
- Supplier shall be responsible for engaging DNV-GL to obtain the DNV-GL Product Certificate for the equipment / items within the scope of supply/work.
- Supplier shall establish and implement a Quality Management System in accordance with the relevant sections of ISO 9001 – Quality Management Systems requirements.
- Supplier shall submit a Quality Management Plan (QMP) and Inspection & Test Plan (ITP), with the bid, which is to be agreed between Supplier and Company and/or their Authorised Inspection Agency during Kick-off meeting, prior to start of manufacturing.
- Supplier must perform Mechanical Completion of the delivery as required by Company

Estimated contract award: Q3 2021
 Estimated delivery: Q1 2022 FCA factory

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