

Santos

Dorado Development Project

Project	Dorado Development Project																																																				
Package Title	MISC PRESSURE VESSELS																																																				
Reference Number	0D200-AKR-R-00-SA-000005-001																																																				
Package Description/ Scope of Work	<p>The Dorado Project is a greenfield oil development located offshore WA approximately 150km northwest of Port Hedland comprising of a Floating Production Storage and Offloading vessel (FPSO), Wellhead platform (WHP) and various subsea (SURF) equipment.</p> <p><u>Equipment Particulars:</u></p> <p>Supplier shall be responsible for the supply of pressure vessels including internals, design to AS.1200, fabrication, shop assembly, inspection and testing painting, preservation, packing and delivery incl. provision of documentation for the vessels package, spare parts, training, technical assistance, and shall provide a guarantee (mechanical) for the below listed equipment:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Item</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Tag No</td> <td>24-VD-0001</td> <td>40-VL-0001</td> <td>41-VL-0001</td> <td>46-VX-0001</td> <td>57-VD-0001</td> </tr> <tr> <td>Description</td> <td>TEG Drain Drum</td> <td>Cooling Medium Expansion Vessel</td> <td>Heating Medium Expansion Vessel</td> <td>Methanol Storage Vessel</td> <td>Closed Drains Drum</td> </tr> <tr> <td>Capacity, m3</td> <td>-</td> <td>~3.0</td> <td>~3.0</td> <td>-</td> <td>-</td> </tr> <tr> <td>Size, mm</td> <td>1,300mm ID 3,000 T/T</td> <td>TBD</td> <td>TBD</td> <td>2,500mm ID 7,500 T/T</td> <td>2,000mm ID 10,500 T/T</td> </tr> <tr> <td>Design Pressure, barg</td> <td>4</td> <td>TBD</td> <td>TBD</td> <td>4</td> <td>4</td> </tr> <tr> <td>Design Temperature, Deg C</td> <td>80</td> <td>TBD</td> <td>TBD</td> <td>80</td> <td>80</td> </tr> <tr> <td>Materials</td> <td>CS</td> <td>CS</td> <td>CS</td> <td>CS</td> <td>CS Epoxy-lined</td> </tr> </tbody> </table> <p>Pre-Qualification Requirements:</p> <ul style="list-style-type: none"> • Must have minimum 5 years' experience in supply to the oil and gas industry. • Must have a list of past offshore project experience and preferably in delivering to offshore Projects in Australian waters. • Must have existing capability & capacity to deliver. • Must have an ISO quality system and OSHAS or similar certifications. • Must have storage capability for the manufactured products. 					Item	1	2	3	4	5	Tag No	24-VD-0001	40-VL-0001	41-VL-0001	46-VX-0001	57-VD-0001	Description	TEG Drain Drum	Cooling Medium Expansion Vessel	Heating Medium Expansion Vessel	Methanol Storage Vessel	Closed Drains Drum	Capacity, m3	-	~3.0	~3.0	-	-	Size, mm	1,300mm ID 3,000 T/T	TBD	TBD	2,500mm ID 7,500 T/T	2,000mm ID 10,500 T/T	Design Pressure, barg	4	TBD	TBD	4	4	Design Temperature, Deg C	80	TBD	TBD	80	80	Materials	CS	CS	CS	CS	CS Epoxy-lined
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	Must be able to provide after-sales services during operations in Australia
Specifications and Standards	<p>The equipment shall be in compliance with National, International and Industry Standards, Australian and WA Regulatory requirements including, but not limited to the following;</p> <ul style="list-style-type: none"> • NOPSEMA requirements to ensure regulatory compliance. • DNVGL-RU-OU-0102, DNV Rules for Classification of Offshore Units – Floating Production Storage and Loading Units. • DNVGL-OS-A101, Safety Principles and Arrangements. • DNVGL-OS-B101, Metallic Materials. • DNVGL-OS-D201, Electrical Installation (earthing) • DNVGL-OS-E201, Oil and Gas Processing Systems. • Hull Piping: DNVGL-OS-B101/D101. • Hull Piping fittings: marine shipyard piping construction standard (as approved by Company). • Hull Pressure Vessels: DNV Rules for Classification - Ships Pt 4 Ch 7 “Boilers, pressure vessels, thermal oil installations and incinerators”. • AS 1210-2010 Pressure Vessels, incl. amendment 1 & 2 • AS 1200-2015 Pressure Equipment. • AS 3788-2006 Pressure Equipment - In-service inspection. • ISO. 3702. Control and mitigation of fire and explosions on Offshore Prod Installations. • ISO.15156 Parts 1 to 3 • ISO 13702 - Control and mitigation of fire and explosions on Offshore Prod Installations. • AS/NZS 3000:2018 Electrical installations design, construction and verification minimum requirements from Standards Australia. <p>Compliance with Class Society rules</p>
Delivery Place (if applicable)	Singapore
Full Scope Expression of Interest Closing Date	19-Nov-2021
Supplier Instructions	<p>Supplier(s) are to express interest via ICN Gateway where competency and previous positive experiences for similar projects can be demonstrated for equipment of a similar size and service.</p> <p>Supplier(s) will only be considered for receipt of the Tender if deemed suitably qualified by the Company’s Procurement Entity.</p>
Contact	<p>All initial enquiries should be made through the Industry Capability Network Western Australia.</p> <p>Ray Loh Ray.Loh@icnwa.org.au +61 8 9365 7499</p>
URL	For more information about Santos please refer to their website www.santos.com