

# Santos

## Dorado Development Project

<b>Project</b>	Dorado Development Project										
<b>Package Title</b>	Wellhead Platform (WHP) EPC										
<b>Reference Number</b>	SAN-DOR-002										
<b>Package Description</b>	<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) and Wellhead platform (WHP) connected with umbilical's, flowlines and risers.</p> <p>The WHP will be located in approximately 92m water depth with piled foundations.</p> <p><b><u>Scope of Work:</u></b></p> <p>The function of the WHP topsides is to support:</p> <ul style="list-style-type: none"> <li>• 16 well slots and dry trees</li> <li>• 3 risers and umbilicals</li> <li>• minimal processing equipment</li> <li>• 200 tonnes of Class 2500 piping and valves</li> <li>• Well controls</li> <li>• a helideck</li> <li>• a 25 tonne capacity crane</li> </ul> <p>The WHP is required to interface with a jack-up MODU to drill the wells and install the wellheads.</p> <p>The estimated topside weights is approximately 1600 tonnes.</p> <p>The topsides will be lift installed</p> <p>The WHP substructure (or jacket) is required to safely support the topsides, conductors and risers with the harsh cyclonic conditions being the governing load condition. The WHP jacket is estimated weight is approximately 3,500 tonnes.</p> <p>The WHP EPC provider will be required to ensure the installation contractor's requirements are met.</p> <p><b><u>Geotechnical/ Pile Information:</u></b></p> <p>The seafloor is generally flat (&lt;1° gradient) and the only noticeable features are sand ribbons and ripples.</p> <p>In terms of stratigraphy, three soil layers are identified across the survey areas. The table below provides a summary of the soil units.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: center;">Soil Unit</th> <th style="text-align: center;">TOP Depth (m)</th> <th style="text-align: center;">BOTTOM Depth (m)</th> <th style="text-align: center;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1 – 4.5</td> <td>Uncemented surficial carbonate SAND</td> </tr> </tbody> </table>			Soil Unit	TOP Depth (m)	BOTTOM Depth (m)	Description	A	0	1 – 4.5	Uncemented surficial carbonate SAND
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	<p>The piles will be drilled and grouted and are anticipated to be approximately 350 to 500 tonnes each.</p>								
<b>Specifications and Standards</b>	Compliance with National, International and Industry Standards, Australian and WA Regulatory requirements.								
<b>Delivery Place (if applicable)</b>	Not applicable								
<b>Full Scope Expression of Interest Closing Date</b>	24 <sup>th</sup> March 2020								
<b>Supplier Instructions</b>	<p>Supplier(s) are to express interest via <a href="#">ICN Gateway</a> 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>								
<b>Contact</b>	<p>All initial enquiries should be made through the Industry Capability Network Western Australia.</p> <p>Ray Loh  <a href="mailto:Ray.Loh@icnwa.org.au">Ray.Loh@icnwa.org.au</a>  +61 8 9365 7499</p>								
<b>URL</b>	For more information about Santos please refer to their website <a href="http://www.santos.com">www.santos.com</a>								