



## Barossa Offshore Project



Package No:	0482-MI20-94PO-4210
Package Name:	<b>Sea Water Lift Pump, Deepwell</b>
Scope of Work	<p>The seawater is lifted from a water depth of about 70 meters below the surface. The Seawater System provides raw seawater with the required filtration to meet the FPSO heat reject demands including heating medium cooling and the cooling required for the Generator Steam Condenser. Ionized chlorine is injected at the inlet of the seawater lift pumps, to avoid marine growth.</p> <p>The Sea Water System consist of the following components: 1x100% Electrochlorinator (2 x 100% internal components) <b>5 x 25% Seawater Lift Pump - 8000 m3/hr per pump @ 78m</b> 6 x 20% Seawater/Cooling Medium Exchangers</p> <p>Sea water lift pump shall be vertical in-line or electrical submersible type centrifugal pump as per API 610. SWLP shall be mounted on the production deck of FPSO and installed inside the caisson.</p> <p>SWLP shall be able to deliver rated flow of 8000 m3/hr @ 78 meters head, and 6000 m3/hr @ 54 meters head during start-up case. Electric motor of SWLP shall be able to start with DOL during normal operation and VFD mode during start-up case.</p> <p>Top of caisson is at 33 meter from bottom of ship. Maximum/minimum liquid level is 11.4 and 16.9 meters with bottom of ship as baseline. 70 meters of hose (by others) will be connected to bottom of caisson.</p> <p>The expected scope of work from the supplier is to Design, Engineering, Managing Interfaces, Procurement/Expediting, Fabrication, Coating, Out-fitting, Testing, Preservation, Packaging, Transportation, Preparation of Documentation Dossiers and overall Project Management for supply of Seawater Lift Pump Package as per project schedule.</p> <p>Contract Award Q2 2020; Delivery Q2 2021 all units</p>
<b>Project Registration</b>	
<p>ConocoPhillips is committed to ensuring Australian Industry full, fair and reasonable opportunity to participate in the Barossa Offshore Project. Expressions of Interest are invited from contractors and suppliers with the relevant capability and capacity to undertake the scope of work.</p> <p>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.</p> <p><b>Note</b> that an important part of the project registration process is to register an Expression of Interest at the correct Scope level.</p> <p>Scope level definition:</p> <p><b>Full scope:</b> Able to produce / supply the entire package. <b>Partial scope:</b> Able to produce / supply one or more of the sub-packages.</p> <p>All registrations are to be completed via ICN Gateway <a href="http://BarossaOffshore.icn.org.au">BarossaOffshore.icn.org.au</a>. Please contact the ICNNT if registration assistance is required. Contact details: (08) 8922 9422 or <a href="mailto:admin@icnnt.org.au">admin@icnnt.org.au</a>.</p>	

Project Website: [ConocoPhillips Australia](#)