

Package Number	SE-CCPGP-02																																						
Package Name	Boiler feedwater and Condensate extraction pumps																																						
Scope of Work	<p>Pumps Specification is as per the table below:</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Pump Description</th> <th>Pump Type</th> <th>Nos.</th> <th>Flow (m3/hr)</th> <th>Head (m)</th> <th>MoC</th> <th>Max. Operating temperature (deg C)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Boiler Feed Pumps (BFP)</td> <td>BB3/BB5</td> <td>3 x 50%</td> <td>70</td> <td>900</td> <td>S8</td> <td>70</td> </tr> <tr> <td>2.</td> <td>Condensate Extraction Pumps</td> <td>OH2</td> <td>3 x 50%</td> <td>70</td> <td>70</td> <td>S8</td> <td>70</td> </tr> <tr> <td>3.</td> <td>DM Water Distribution Pumps</td> <td>OH3</td> <td>2 x 100%</td> <td>6</td> <td>75</td> <td>A8</td> <td>55</td> </tr> </tbody> </table> <p>Scope of Work for Centrifugal Pump Units, including:</p> <ol style="list-style-type: none"> Scope shall include design, documentation, materials, fabrication, inspection, testing, preparation for shipment, supply and performance of API Centrifugal Pumps, motors, Oil unit (if pressurized lubrication required), ARC valves (for BFP and CEP only). All the Centrifugal Pumps on Topsides design accordance with API 610 11th Edition All the API 610 Centrifugal Pump Unit includes electric motors, API 682 mechanical seals with instrumentation, base frame, couplings etc. All the Centrifugal Pumps on Topsides fully compliant with IEC Ex Certifications and Hazardous Area Zone 2, Group IIB, temperature class T3. All the API 610 Centrifugal Pumps are considered with API 682 Mechanical Cartridge Seals includes Single Mechanical & Double Mechanical Seals according to fluid service handled Start-up & Commissioning Spares All the Centrifugal Pump references having offshore Oil & Gas Experience Surface Preparation and External painting of each unit suitable for marine offshore weather conditions Long term preservation and Preparation for shipment for each Centrifugal Pump. Submission of relevant documentation (performance curves, data sheet, drawings, cross-sectional drawing, MDRs, operating manual, etc.) for operation and maintenance of each unit Noise Limits Base Case <= 82 dBA. Options for limiting Sound Pressure Level Noise to 80 dBA and 78 dBA @ 1m distance with noise mitigation provisions. Baseplate with vibration isolation mounting on steel deck if required. After Sales Support for 25 years design life. All pumps shall be horizontal centrifugal type. DNV GL certification required for pumps, refer DNVGL-OS-D101. The certification scope will be as per below: <ul style="list-style-type: none"> For Boiler Feed Pumps design review is required by DNV. 							Sl. No.	Pump Description	Pump Type	Nos.	Flow (m3/hr)	Head (m)	MoC	Max. Operating temperature (deg C)	1.	Boiler Feed Pumps (BFP)	BB3/BB5	3 x 50%	70	900	S8	70	2.	Condensate Extraction Pumps	OH2	3 x 50%	70	70	S8	70	3.	DM Water Distribution Pumps	OH3	2 x 100%	6	75	A8	55
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	<ul style="list-style-type: none"> - For other CEP /DMWFP, design review is not required by DNV and only they will witness and stamp the test results as per agreed ITP witness points. <p>Contract Award: Q1 2022 *</p> <p>Delivery: Q1 2023 all units, FCA factory *</p>
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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