

1. PROJECT OVERVIEW																					
Voith Hydro has been awarded a contract to equip the Australian pumped storage power station Snowy 2.0, one of the largest pumped storage basins worldwide, with electrical and mechanical power plant components and including three innovative variable-speed pump turbines. Snowy 2.0 will underpin Australia's renewable energy future. The Power plant is one of the largest of its kind in the world.																					
2. PACKAGE DETAILS																					
Package Title:	Pressure Vessels																				
Package Type:	<input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> Supply <input type="checkbox"/> Install <input type="checkbox"/> Commission <input type="checkbox"/> Services <input type="checkbox"/> Full turnkey <input type="checkbox"/> Other																				
Package Reference:	03647_wb060, Snowy 2.0 – Australia																				
Package Description:	<p><u>Detail Design and Manufacturing of Pressure Vessels (6 units)</u></p> <p>The supply shall include Detail Engineering incl. Design Verification by local Authority and Manufacturing Engineering, material procurement, welding, heat treatment, ND-Testing, machining, painting, shop assembly and shop pressure/leakage testing.</p> <p>Pressure vessels shall be designed, fabricated, tested and installed to the requirements of AS 1200, AS 1210 and NSW and Australian statutory requirements.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Accumulation volume at 75 bar:</td> <td style="text-align: right;">15.6 m³</td> </tr> <tr> <td>Accumulation pressure:</td> <td style="text-align: right;">80 bar</td> </tr> <tr> <td>Maximum air pressure:</td> <td style="text-align: right;">88 bar</td> </tr> <tr> <td>Rated air pressure:</td> <td style="text-align: right;">100 bar</td> </tr> <tr> <td>Test pressure: 1.43x design pressure:</td> <td style="text-align: right;">143 bar</td> </tr> </table> <p>Dimensions: (single piece) max. height 4500 mm incl. feet Diameter acc. to the needed volume</p> <p><u>Design according to:</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Designation:</td> <td style="text-align: right;">Pressure Vessel</td> </tr> <tr> <td>Design Registration to WHS 2017 Regulation Chapter 5:</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td>Common Standard:</td> <td style="text-align: right;">AS 1200</td> </tr> <tr> <td>Material Standard:</td> <td style="text-align: right;">AS 1210</td> </tr> <tr> <td>Design:</td> <td style="text-align: right;">AS 1210</td> </tr> </table>	Accumulation volume at 75 bar:	15.6 m ³	Accumulation pressure:	80 bar	Maximum air pressure:	88 bar	Rated air pressure:	100 bar	Test pressure: 1.43x design pressure:	143 bar	Designation:	Pressure Vessel	Design Registration to WHS 2017 Regulation Chapter 5:	Yes	Common Standard:	AS 1200	Material Standard:	AS 1210	Design:	AS 1210
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	<p><u>Fabrication according to:</u></p> <p>Fabrication: AS 4458</p> <p>Welding: AS 3992</p> <p>Weld Class Acceptance: ISO 5817 Class B</p> <p>Inspection and Testing: AS 4037</p> <p>Sourcing: Australia</p> <p>Information required: company brochure, capability statement. As we expect certain experience with such components also reference list of similar parts with description and photos, Welding Certificates and Approvals.</p>
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3. EXPRESSION OF INTEREST (EOI)

Suppliers / contractors are invited to express an interest in this scope of work by registering on the ICN Gateway online platform. Please ensure:

- Your company profile on ICN Gateway is accurate and up to date before registering your EOI
- Interest is registered as Full Scope or Partial Scope (where applicable)
- You complete the Pre-Qualification Questionnaire (PQQ) available on the ICN Gateway (please answer ALL questions). Note that failure to complete the PQQ may result in your EOI null and void.

4. EOI COMMENCEMENT DATE

11 March 2021

5. EOI CLOSING DATE

10 April 2021

6. CONTACT

Industry Capability Network (ICN)

7. ADDITIONAL INFORMATION

Voith Hydro shall only respond to those suppliers that fulfil the requirements satisfactorily. Successfully shortlisted suppliers will be forwarded additional information as part of the formal Request for Quotation (RFQ) process.