

**Snowy 2.0**  
**EXPRESSION OF INTEREST**

**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**

<b>Package Title:</b>	HVAC System
<b>Package Type:</b>	<input checked="" type="checkbox"/> Detailed Design <input checked="" type="checkbox"/> Supply <input checked="" type="checkbox"/> Install <input checked="" type="checkbox"/> Commission <input type="checkbox"/> Services <input checked="" type="checkbox"/> Full turnkey / one source <input type="checkbox"/> Other .....
<b>Package Reference:</b>	<b>03587wb060, Snowy 2.0 – Australia, HVAC System</b>
<b>Package Description:</b>	<p>Turnkey (one-source solution) HVAC system for a Cavern Pumped Hydro Powerplant consisting of 6 off machine units (Generators, Transformers) and access tunnels. HVAC system specification:</p> <ul style="list-style-type: none"> <li>• Heating, Ventilation, Air Conditioning with additional Chilled Water System</li> <li>• To include Fire and Smoke Management and Control System.</li> <li>• Target Temp. in powerplant. 15°C-30°C, Humidity 50-65%</li> <li>• Fresh Air Fans supplying approx. 771.000 m³/h</li> <li>• 16 off Air handling Units equipped with dampers, filters, fans, cooler elements which are connected to the chilled water system                     <ul style="list-style-type: none"> <li>- Chilled Water System heat load approx. 4.250 kW</li> <li>- Exhaust Air Fans and Units</li> <li>- Ducting and Dampers</li> </ul> </li> <li>• Interfaces to Central Control 7 SCADA and Fire Fighting System.</li> </ul> <p>Scope of services required includes engineering, detailed design, procurement, manufacturing, supply, testing, documentation, installation and commissioning in accordance with the relevant Australian codes, standards and regulations.</p>

**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**

06 February 2020

**5. EOI CLOSING DATE**

06 March 2020

**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.