Voith Hydro GmbH & Co. KG
Alexanderstraße 11
89522, Heidenheim, Germany
www.voith.com

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:	**Piping System Fabrication (Cooling Water System)**
Package Type:	☐ Design (Detail) ☒ Supply / Prefabrication ☐ Install ☐ Commission ☐ Services ☐ Full turnkey / one source ☐ Other ……
Package Reference:	**3676H60** **Snowy 2.0 – Australia, cooling and drainage water System**
Package Description:	The scope shall include the material provision of pipes, fittings (flanges, bows, t-pieces, reducers etc.) and the prefabrication of spools. Including Pressure Testing. • Unit cooling water system PN 25 DN 40-500 Material: stainless steel 1.4307 (304/304L) Wall thickness: EN 10217-2 pipes EN 10253-4 fittings Approx. length: 4560m Welding norm: ISO 5817 Level B • Station cooling water PN 25 DN 50-500 Material: stainless steel 1.4307 (304/304L) Wall thickness: EN 10217-2 pipes EN 10253-4 fittings Approx. length: 2712m Welding norm: ISO 5817 Level B • Drainage and dewatering PN 25, 40, 160 DN 50-800 Material: stainless steel 1.4307 (304/304L), P235GH-TC1 (1.0345) Wall thickness: EN 10217-2 pipes EN 10253-4 fittings Approx. length: 3890m Welding norm: ISO 5817 Level B

	• Oli Separator System PN 16 DN 32-400 Material: stainless steel 1.4307 (304/304L), P235GH-TC1 (1.0345) Wall thickness: EN 10217-2 pipes EN 10253-4 fittings Approx. length: 192m Welding norm: ISO 5817 Level B **General legal requirements:** Unless otherwise specified all pipes flanges, bolting and fitting shall be in accordance with EN 13480 and European Equipment Directive PED 2014/68/EU and thus comply with the relevant Australian Standards AS1200 / AS4041. **Piping Connections:** Joints in tubes and pipes shall be bolted flanges in accordance with ISO 7005 and EN1092-1. Flanges shall be machined or spot-faced on the back for nuts and bolts. Flanges for working pressures of 17 bar and above shall be weld neck type. Sealing above 17 bar shall be O-rings with a circular cross section. Flange facing to be machined according to VN1518. Sealing surface of the counterflange shall comply with the surface roughness requirement of EN 1092-1 / B2.

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

24 Jan 2022

5. EOI CLOSING DATE

3 March 2022

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.