

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

Package Title:	Pre-assembly - Generator Stators, Rotors and Poles
Package Type:	<input type="checkbox"/> Design (Detail) <input type="checkbox"/> Supply <input checked="" type="checkbox"/> Install <input type="checkbox"/> Commission <input type="checkbox"/> Services <input type="checkbox"/> Full turnkey / one source <input type="checkbox"/> Other
Package Reference:	03670wb060, Snowy 2.0 – Australia,
Package Description:	<p>For the Snowy 2.0 Cavern Hydro Pump Storage Powerplant with 6 machine units; 3 Asynchronous & 3 Synchronous Motor Generators (each 375 MVA), scope of:</p> <ul style="list-style-type: none"> • Stators (6 pcs) <ul style="list-style-type: none"> - Pre-assembly of stator frame and adjustment on assembly bay - Stacking of stator core package - Dimensional tests - Windings installation - Brazing works for windings connection - Testing stator core and windings - Preparation for lifting into the pit • Rotor (asynchronous, 3 pcs) <ul style="list-style-type: none"> - Pre-assembly rotor hub on assembly bay - Stacking of rotor core - Dimensional tests - Rotor winding installation - Brazing of winding connections - Installation and adjustment of rotor winding overhang - Testing rotor core and windings - Installation of brake ring and rotor accessories - Preparation for lifting rotor into the pit • Rotor (synchronous, 3 pcs) <ul style="list-style-type: none"> - Pre-assembly rotor hub on assembly bay - Stacking of rotor rim - Dimensional tests - Pole installation - Installation works for pole connection - Testing - Installation of brake ring and rotor accessories - Preparation for lifting rotor into the pit • All pre-assembly works referenced above will be performed in the powerhouse cavern. Scope to include:

	<ul style="list-style-type: none"> ○ Transportation of all provided material for pre-assembly from storage area to powerhouse cavern. ○ Organization, handling and performing of all tests including provision of testing equipment ○ Generators pre-assembly ○ Testing, documentation and installation (including supervision) in accordance with relevant standards and regulations.
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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

29 November 2021

5. EOI CLOSING DATE

31 December 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.