

# Tasmanian Industry Participation Plan Executive Summary

Procurement ID: 3012002692

Procurement Title: Supply and Install of New Mechanical and Electrical Equipment for Arthurs Lake Pumping Station

## Procurement details

<b>Procurement ID</b>	3012002692
<b>Procurement title</b>	Supply and Install of New Mechanical and Electrical Equipment for Arthurs Lake Pumping Station
<b>Name of Responsible Agency/Entity</b>	Hydro Tasmania

## Supplier details

<b>Name of supplier</b>	Voith Hydro GmbH & Co.KG (Austria)
-------------------------	------------------------------------

## Executive summary

The Supply and Install of New Mechanical and Electrical Equipment for Arthurs Lake Pumping Station by Voith Hydro GmbH & Co. KG (Austria) will positively impact the Tasmanian economy, businesses and the Tasmanian community for the following reasons:

- The equipment to be provided by Voith Hydro will achieve a significant plant upgrade and service life for the Arthurs Lake Pumping Station. This pumpstation transfers high-value water from Arthurs Lake to the Great Lake thereby directly adding water for downstream power generation at Poatina Power station. This results in additional power generation and revenue, thereby providing Tasmanians with access to clean renewable energy at competitive pricing with the added economic benefits of selling additional generation to the NEM.
- The project has two distinct portions.
  1. Offshore – covers design and manufacture of the new pumping equipment.
  2. Onshore – covers local design, procurement and site installation including replacement of redundant equipment at the Arthurs Lake pumping station.

To deliver the Onshore scope portion, Voith have engaged two local Tasmanian companies, Megavar for Electrical Design and Installation and Saunders & Ward for

Mechanical Manufacture and Installation. Using these local companies provides economic benefits to a range of Tasmanian businesses helping to ensure skills and opportunity are maintained within the state.

- In addition, Voith intend to use the following Tasmanian businesses to provide additional services during project execution phase thereby bringing further economic benefit to Tasmania.
  - Tas Ports vessels and facilities will be used to ship the equipment into Tasmania and for temporary storage of the new equipment.
  - Elliott Cranes – (Cranage and Transport services) will coordinate separate shipments to Arthurs Lake site in accordance with the planned delivery dates according to the project schedule.
  - Spectran – specialist handling of hazardous process and disposal.
  - Howarth Fisher & Associates - local mechanical design.
  - Tas bulk – Hiring of Site Facilities.
- Strong engagement during design and engineering between Hydro Tasmania and Voith Hydro will help ensure the equipment will be supplied in line with local Tasmanian requirements for installation, operation, maintenance and servicing and thereby maximise long term value to the Tasmanian community.
- The proposed equipment to be supplied by Voith Hydro has been assessed against performance criteria to provide the best value for money of all proposals during the competitive process.
- Hydro Tasmania will utilise various Tasmanian companies and sub-contractors to provide local services to undertake various Civil Engineering scopes of work that are required to be undertaken prior to Voith Hydro installing the new pumping station equipment.
- During installation and commissioning of the equipment, Voith Hydro personnel that are required to attend in Tasmania for project delivery activities will utilise local transport, accommodation and food and beverage services while in Tasmania.
- As a part of this contract, Hydro Tasmania will be issued operation manuals / instructions by Voith Hydro that will provide instructions on safe operation of the provided equipment. This will assist in development of local maintenance and operation competence and thereby help to ensure the next generation of Tasmanians gain new skills and experience.