



Australian Jobs Act 2013

AIP Plan reference code: S2Y99K3S

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: ATCO AUSTRALIA PUMPED HYDRO PTY LTD

Project details

Name: Central West Pumped Hydro Project

Location: Yetholme NSW, 20km east of Bathurst

Type: Electricity facility

Purpose: Establish new facility

Capital expenditure: \$ 1,200,000,000

Description: The Central West Pumped Hydro Project (CWPH or the Project) is a 325MW (2,600MWh) closed loop pumped storage hydropower facility located near Yetholme, 20km east of Bathurst, in NSW. The Project consists of a 3GL upper and lower reservoir storage system. The reservoirs are connected by a 1.4km penstock (surface pipeline) to a powerhouse housing two fixed-speed reversible turbines. Power generated by the turbines will be exported into the existing electricity transmission system via a dedicated power line. The Project site was selected in 2017 as being outstanding due to its location on freehold land – a total of 180 ha, with no need for tunneling or grid augmentation. The Project development is mature, currently preparing its Environmental Impact Statement for submission, and engagement with Transgrid under a Connection Process Agreement. ATCO Australia Pumped Hydro Pty Ltd (the Proponent) has signed an Early Contractor Involvement (ECI) Agreement with its preferred Engineering, Procurement Construction Contractor (EPC) and will undertake studies relating to the ECI Agreement until early 2023. The ECI contractor is John Holland, which has subcontracted a range of technical specialists to assist with scope being delivered under the ECI. The Project expects to commence construction in early 2024 with operations commencing 2027.

Completion date: 01 Jul 2027

Key goods and services

Indicative list of key goods and services to be acquired for the project:

| Key goods and services | Opportunities for Australian entities* | Opportunities for non-Australian entities | Explanation for no opportunities for Australian entities |
|------------------------|--|---|--|
|------------------------|--|---|--|

| | | | |
|--|-----|-----|---|
| OEM Pump Turbine Equipment Package | No | Yes | OEM pump-turbine equipment package Based on current pumped hydro projects, internal market analyses (both international and domestic), combined with expert consulting services from Tier 1 engineering (design and construction) firms, the Proponent has concluded that there are no Australian entities capable of manufacturing and supplying the specific electro-mechanical equipment required for the Project. Further, there is no Australian entity that has the necessary experience, financial capability and technical expertise to supply an electro-mechanical equipment package that meets the design specifications of the Project. |
| Gantry Crane Hydromechanical Plant (not included in OEM supply e.g. Stoplogs, Penstock, Trash Pipe and Fittings Supply | Yes | Yes | |
| Valve Supply | Yes | Yes | |
| Strainers | Yes | Yes | |
| Pipe Supports | Yes | Yes | |
| Gaskets | Yes | Yes | |
| Fasteners | Yes | Yes | |
| Electrical and Instrument Cables | Yes | Yes | |
| Cable Support Systems | Yes | Yes | |
| Lights and Fittings | Yes | Yes | |
| Earthing Protection Systems | Yes | Yes | |
| Pumps | Yes | Yes | |
| Voltage Switchgear and Switchboards | Yes | Yes | |
| Instruments, Analysers and Control Systems (not forming part of EOM Supply Packa | Yes | Yes | |
| Hydraulic Systems | Yes | Yes | |
| Dam Liner | Yes | Yes | |
| Scaffolding | Yes | Yes | |
| Supply | Yes | Yes | |
| Fuel Supply | Yes | Yes | |
| Structural Steel (excluding Electro-mechanical equipment) | Yes | Yes | |

| | | |
|--|-----|-----|
| Site Amenities | Yes | Yes |
| Precast Supply | Yes | Yes |
| Tools and Consumables | Yes | Yes |
| Stationery and Office Supplies | Yes | Yes |
| PPE Supply | Yes | Yes |
| Construction Fencing Supply | Yes | Yes |
| Consultant Engineering and Design | Yes | Yes |
| Dewatering Works | Yes | Yes |
| Earthworks (including clearing and grubbing) | Yes | Yes |
| Civil Works | Yes | Yes |
| Drill and Blast | Yes | Yes |
| Tunnelling Works | Yes | Yes |
| Building Works | Yes | Yes |
| Shaft Sinking Services | Yes | Yes |
| Surveying Services | Yes | Yes |
| Heavy Lift/Crane Subcontractor | Yes | Yes |
| Logistics and Transport Plant | Yes | Yes |
| Maintenance and Repair | Yes | Yes |
| Crushing and Screening | Yes | Yes |
| Batch Plant Services | Yes | Yes |
| HVAC Services | Yes | Yes |
| Fire Detection and Protection Services | Yes | Yes |
| Geotechnical Investigations | Yes | Yes |
| Construction Communications Services (4G, LTE) | Yes | Yes |
| SMP Labour | Yes | Yes |
| E&I Labour | Yes | Yes |

*An Australian entity is an entity with an ABN or ACN

Project standards:

Australian
International

Supplier information and communication

Project proponent's contact person for supplier enquiries:

Contact person name Tim Knill
Contact person position Senior Project Director
Phone number 0428998312
E-mail Timothy.Knill@atco.com

Project proponent website: <https://www.atco.com/cwph>

Project opportunities website: <http://gateway.icn.org.au>

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- Conduct supplier information briefings on project opportunities and bid processes
- Issue media releases or ASX announcements on project developments and opportunities
- Local council outreach

Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Transfer new product and process technology to suppliers
- Unbundled work packages

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Provide references for high performing suppliers

Feedback process for unsuccessful bidders:

The Proponent and EPC Contractor commit to providing feedback to unsuccessful Australian entities on the strengths and weaknesses of their tenders and how to improve competitiveness, including recommendations for relevant training and capability development activities.

Australian Industry Participation Plan Summary - Operations Phase

Nominated facility operator: ATCO Australia Pumped Hydro Pty Ltd

Facility details

Name: Central West Pumped Hydro Project

Location: Yetholme NSW, 20km east of Bathurst

Type: Electricity facility

Key goods and services

Indicative list of key goods and services to be acquired for the new facility:

| Key goods and services | Opportunities for Australian entities* | Opportunities for non-Australian entities | Explanation for no opportunities for Australian entities |
|------------------------|--|---|--|
|------------------------|--|---|--|

*An Australian entity is an entity with an ABN or ACN

Facility standards:

- Australian
- International
- Operating Phase Proponent yet to be identified.

Supplier information and communication

Facility operator's contact person for supplier enquiries:

Contact person name Tim Knill
Contact person position Senior Project Director
Phone number 0428998312
E-mail Timothy.Knill@atco.com

Facility operator website: Operating Phase Proponent yet to be identified.

Facility opportunities website: Operating Phase Proponent yet to be identified.

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- Conduct supplier information briefings on project opportunities and bid processes
- Issue media releases or ASX announcements on project developments and opportunities
- Develop and distribute a supplier information guide for the project
- Directly contact suppliers with information on project opportunities and bid processes
- Operating Phase Proponent yet to be identified.

Building Australian industry capability

Supplier capability development actions:

- Recommend suppliers undertake training and/or accreditation
- Provide market intelligence to suppliers
- Transfer new product and process technology to suppliers
- Encourage joint ventures and alliances between suppliers
- Support supplier development initiatives of industry associations or governments
- Operating Phase Proponent yet to be identified.

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Support suppliers to register with global supplier databases
- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Recommend suppliers undertake export readiness training or international accreditation
- Support supplier export and global integration initiatives of industry associations or governments
- Provide references for high performing suppliers

Feedback process for unsuccessful bidders:

- Operating Phase Proponent yet to be identified.