

**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 (CW PH 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 Explanation for no opportunities for Australian entities entities** |

|  |  |
| --- | --- |
| OEM Pump Turbine Equipment Package | 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 entitiesNo Yes capable of manufacturing and applying 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 electro­mechanical equipment package that meets the design specifications of the Project. |

Gantry Crane Yes Yes

Hydromechanical
Plant (not

included in OEM

Yes Yes

supply e.g.

Stoplogs,

Penstock, Trash

Pipe and Fittings

Yes Yes

Supply

Valve Supply Yes Yes

Strainers Yes Yes

Pipe Supports Yes Yes

Gaskets Yes Yes

Fasteners Yes Yes

Electrical and

Instrument Yes Yes
Cables

Cable Support

Yes Yes

Systems

Lights and

Yes Yes

Fittings

Earthing

Protection Yes Yes
Systems

Pumps Yes Yes
Voltage

Switchgear and Yes Yes

Switchboards

Instruments,

Analysers and

Control Systems

Yes Yes

(not forming part

of EOM Supply
Packa

Hydraulic

Yes Yes

Systems

Dam Liner Yes Yes

Scaffolding

Yes Yes

Supply

Fuel Supply Yes Yes

Structural Steel
(excluding

Electro- Yes Yes

mechanical

equipment)

Site Amenities Yes Yes

Precast Supply Yes Yes

Tools and

Yes Yes

Consumables

Stationery and

Yes Yes

Office Supplies

PPE Supply Yes Yes

Construction

Yes Yes

Fencing Supply

Consultant

Engineering and Yes Yes
Design

Dewatering

Yes Yes

Works

Earthworks

(including

Yes Yes

clearing and

grubbing)

Civil Works Yes Yes

Drill and Blast Yes Yes

Tunnelling Works Yes Yes

Building Works Yes Yes

Shaft Sinking

Yes Yes

Services

Surveying

Yes Yes

Services

Heavy Lift/Crane

Yes Yes

Subcontractor

Logistics and

Yes Yes

Transport

Plant

Maintenance and Yes Yes
Repair

Crushing and

Yes Yes

Screening

Batch Plant

Yes Yes

Services

HVAC Services Yes Yes

Fire Detection

and Protection Yes Yes
Services

Geotechnical

Yes Yes

Investigations

Construction

Communications

Yes Yes

Services (4G,

LTE)

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: Yethol me 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.