



Australian Jobs Act 2013

Reference code: T7Q7T1-L9X5M4

Australian Industry Participation Plan Summary – Project Phase

Nominated project proponent:

The Trustee for Lake Lyell Project Trust

Project details

Project name:

Lake Lyell Hydro

Location:

Lake Lyell, near Lithgow, Lithgow City LGA, New South Wales

Type:

Electricity facility

Purpose:

Establish new facility

Capital expenditure:

\$2 billion - \$5 billion

Description:

Lake Lyell Hydro is a proposed 385 MW / 3,080 MWh pumped hydro energy storage facility near Lithgow, New South Wales. The Project comprises a new upper reservoir on privately owned land, Lake Lyell as the lower reservoir, and an underground power station, waterways and dry tunnels.

The Project is currently being developed through an early contractor involvement (ECI) procurement process. The proposed next phase of the ECI will develop the design, risk allocation, execution model and contract negotiations and lead to a binding proposal.

The plan for sourcing subcontracts and equipment are expected to be matured by the ECI contractor in the next phase. Procurement planning in this phase will include early market engagement plan and packaging intended to provide capable Australian suppliers with full, fair and reasonable opportunities to participate. The final delivery and subcontractor procurement remains subject to the outcomes of the ECI process, project's approvals, LTESA process and investment decision.

Estimated completion date:

31/12/2033

Key goods and services

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

List of key goods and services:

An Australian entity is an entity with an ABN or CAN.

Key goods and services	Opportunity for entities	Explanation for no opportunities for Australian entities
Supply of turbine-generator units (excludes on shore installation) and spare parts	Opportunities for Australian entities Opportunities for non-Australian entities	Market research included consultation with prospective turbine-generator OEMs, review of supplier capability for recent Australian hydropower developments, and assessment of Australian manufacturing capability. This research confirmed that complete turbine-generator units of the required capacity and technical specification are not currently manufactured in Australia. Supply capability is concentrated among specialised international OEMs with established hydro turbine and generator manufacturing facilities. As no Australian entities were identified that could manufacture and supply complete turbine-generator units, there are no opportunities for Australian entities for this procurement package.
Hydraulic steelwork (penstocks, manifolds, embedded steelwork)	Opportunities for Australian entities Opportunities for non-Australian entities	
Main inlet valves	Opportunities for Australian entities Opportunities for non-Australian entities	
Power transformers	Opportunities for Australian entities Opportunities for non-Australian entities	
HV switchgear	Opportunities for Australian entities Opportunities for non-Australian entities	
Protection, control and SCADA systems	Opportunities for Australian entities Opportunities for non-Australian entities	

Electrical balance of plant equipment	Opportunities for Australian entities Opportunities for non-Australian entities	
Mechanical balance of plant equipment	Opportunities for Australian entities Opportunities for non-Australian entities	
Cranes and lifting equipment	Opportunities for Australian entities Opportunities for non-Australian entities	
Structural steel	Opportunities for Australian entities Opportunities for non-Australian entities	
Reinforcing steel	Opportunities for Australian entities Opportunities for non-Australian entities	
Concrete and precast products	Opportunities for Australian entities Opportunities for non-Australian entities	
Cables and cable accessories	Opportunities for Australian entities Opportunities for non-Australian entities	
Instrumentation and monitoring systems	Opportunities for Australian entities Opportunities for non-Australian entities	
Civil construction works	Opportunities for Australian entities Opportunities for non-Australian entities	
Underground excavation works	Opportunities for Australian entities Opportunities for non-Australian entities	
Earthworks and road construction	Opportunities for Australian entities Opportunities for non-Australian entities	
Concrete construction works	Opportunities for Australian entities Opportunities for non-Australian entities	
Mechanical installation services	Opportunities for Australian entities	

	Opportunities for non-Australian entities	
Electrical installation services	Opportunities for Australian entities Opportunities for non-Australian entities	
Transmission line construction (if applicable)	Opportunities for Australian entities Opportunities for non-Australian entities	
Commissioning services	Opportunities for Australian entities Opportunities for non-Australian entities	
Engineering and design services	Opportunities for Australian entities Opportunities for non-Australian entities	
Surveying services	Opportunities for Australian entities Opportunities for non-Australian entities	
Geotechnical services	Opportunities for Australian entities Opportunities for non-Australian entities	
Environmental management services	Opportunities for Australian entities Opportunities for non-Australian entities	
Transport and logistics services	Opportunities for Australian entities Opportunities for non-Australian entities	
Site accommodation and camp services	Opportunities for Australian entities Opportunities for non-Australian entities	

Project standards:

Australian, International

Supplier information and communication

Project Proponents Contact Person

Project proponent's contact person for supplier enquires.

Contact person's name:

Stephen Head

Contact person's position:

Contracts Manager - Hydropower

Phone number:

0468833005

Email address:

stephen.head@edf-power.com

Project Proponent Website

Project proponent website:

<https://www.lakelyellpumpedhydro.com.au>

Project Opportunities Website

List of websites:

Is this website active?	Is this website active?	Date the website is expected to go live:
https://gateway.icn.org.au	No	15/08/2027

Supplier engagement and communication actions:

Conduct supplier information briefings on project opportunities and bid processes
Develop and distribute a supplier information guide for the project

Building Australian industry capability

Supplier capability development actions:

Recommend suppliers undertake training and/or accreditation
Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

Facilitate strategic partnering and joint ventures between Australian and international suppliers

Feedback:

Confirm you, and/or your procurement entities will offer and, if requested, provide feedback to unsuccessful Australian entities whose bids to supply key goods or services for the project have not been successful
Confirm feedback provided to unsuccessful bidders will include any recommendations of relevant training, skills, capability and capacity development
Confirm you will collect written evidence of feedback offered or provided to unsuccessful bidders

Australian Industry Participation Plan Summary – Operations Phase

Nominated facility operator:

The Trustee for Lake Lyell Project Trust

Facility details

Facility name:

Lake Lyell Hydro

Location:

Lake Lyell, near Lithgow, Lithgow City LGA, New South Wales

Type:

Electricity facility

Key goods and services

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

List of key goods and services:

An Australian entity is an entity with an ABN or CAN.

Key goods and services	Opportunity for entities	Explanation for no opportunities for Australian entities

Facility standards:

Australian, International

Supplier information and communication

Facility operators Contact Person

Facility operators contact person for supplier enquires.

Contact person's name:

Stephen Head

Contact person's position:

Senior Contracts Manager - Hydropower

Phone number:

0468833005

Email address:

stephen.head@edf-power.com

Facility Operator Website

Facility operator website:

<https://www.lakelyellpumpedhydro.com.au/>

Facility Opportunities Website

List of websites:

Website address (URL only)	Is this website active?	Date the website is expected to go live:
https://www.lakelyellpumpedhydro.com.au/	Yes	

Supplier engagement and communication actions:

Conduct supplier information briefings on new facility opportunities and bid processes
Directly contact suppliers with information on new facility opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

Recommend suppliers undertake training and/or accreditation
Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

Introduce suppliers to global supply chain partners

Feedback:

Confirm feedback provided to unsuccessful bidders will include any recommendations of relevant training, skills, capability and capacity development
Confirm you will collect written evidence of feedback offered or provided to unsuccessful bidders
Confirm you, and/or your procurement entities will offer and, if requested, provide feedback to unsuccessful Australian entities whose bids to supply key goods or services for the new facility have not been successful