Australian Government
Department of Industry, Science and Resources

Australian Jobs Act 2013

Reference code: G5L6D8-S8Q4Q6

Australian Industry Participation Plan Summary – Project Phase

Nominated project proponent:

The Trustee for Kidston Hydro Project Trust

Other project proponents:

Legal name of other project proponents	ABN	ACN

Project details

Project name:

Kidston Pumped Storage Hydro Project

Location:

Kidston, Queensland Australia

Type:

Electricity facility

Purpose:

Establish new facility

Capital expenditure:

$500 million - $1 billion

Description:

The Kidston Pumped Storage Hydro Project is an innovative energy storage facility in Far North Queensland that repurposes two abandoned gold mine pits into a closed-loop hydroelectric system. Generating 250 MW of rapid response dispatchable power, it provides roughly 2000 MWh of continuous energy for up to 8 hours

The project is being delivered through an Engineering, Procurement and Construction contracting model. Major civil and electromechanical works are being undertaken by the McConnell Dowell John Holland Joint Venture, with specialist equipment procured from domestic and international suppliers.

Procurement and construction for the 250MW Kidston Pumped Storage Hydro Project are well advanced. Major project milestones include a procurement phase completed in April 2021, construction commencing in May 2021, and commercial operations now expected to commence in 2027.

The Australian Government has supported the project through up to 610 million in concessional finance from the Northern Australia Infrastructure Facility and a 47 million grant from the Australian

Renewable Energy Agency

Estimated completion date:

1/09/2027

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
Goods: OEM Pump Turbine Equipment Package	Opportunities for non-Australian entities	Based on years of internal market analyses, both international and domestic, combined with expert consultancy from tier-one engineering firms, the Proponent has concluded that there are no domestic suppliers capable of manufacturing and supplying the specific electro-mechanical equipment required for K2H. No domestic supplier has the necessary experience, financial capability and technical expertise to supply an electro-mechanical equipment package that meets the design specifications of this hydro scheme. Based on these analyses and the resulting conclusion, the Proponent initiated a tendering process for the equipment package on 1/11/2017 to a shortlist of suppliers who were capable of meeting the aforementioned criteria. No domestic supplier was approached based on the above explanation.
Goods: Hydromechanical Plant (not included in OEM supply e.g. Stoplogs, Penstock, Trashracks)	Opportunities for Australian entities Opportunities for non-Australian entities	
Goods: Pipe and Fittings Supply	Opportunities for Australian entities	

Goods: Valve Supply	Opportunities for Australian entities	
Goods: Strainers	Opportunities for Australian entities	
Goods: Pipe Supports	Opportunities for Australian entities	
Goods: Gaskets	Opportunities for Australian entities	
Goods: Fasteners	Opportunities for Australian entities	
Goods: Electrical and Instrument Cables	Opportunities for Australian entities Opportunities for non-Australian entities	
Goods: Cable Support Systems	Opportunities for Australian entities	
Goods: Lights and Fittings	Opportunities for Australian entities	
Goods: Earthing Protection Systems	Opportunities for Australian entities	
Goods: Pumps	Opportunities for Australian entities	
Goods: Voltage Switchgear and Switchboards	Opportunities for Australian entities Opportunities for non-Australian entities	
Goods: Instruments, Analysers and Control Systems (not forming part of EOM Supply Package)	Opportunities for Australian entities	
Goods: Hydraulic Systems	Opportunities for Australian entities	
Goods: Dam Liner	Opportunities for Australian entities	
Goods: Scaffolding Supply	Opportunities for Australian entities	
Goods: Fuel Supply	Opportunities for Australian entities	
Goods: Structural Steel (excluding Electro-mechanical equipment)	Opportunities for Australian entities Opportunities for non-Australian entities	
Goods: Site Amenities	Opportunities for Australian entities	
Goods: Tools and Consumables	Opportunities for Australian entities	
Goods: Stationery and Office Supplies	Opportunities for Australian entities	
Goods: PPE Supply	Opportunities for Australian entities	
Goods: Construction Fencing Supply	Opportunities for Australian entities	
Services: Consultant Engineering Design	Opportunities for Australian entities	

	Opportunities for non-Australian entities	
Services: Dewatering Works	Opportunities for Australian entities	
Services: Earthworks	Opportunities for Australian entities	
Services: Civil Works	Opportunities for Australian entities	
Services: Tunnelling Works	Opportunities for Australian entities	
Services: Shaft Sinking Services	Opportunities for Australian entities	
Services: Surveying Services	Opportunities for Australian entities	
Services: Heavy Lift/Crane Subcontractor	Opportunities for Australian entities	
Services: Logistics and Transport	Opportunities for Australian entities	
Services: Plant Maintenance and Repair	Opportunities for Australian entities	
Services: Crushing and Screening	Opportunities for Australian entities	
Services: Batch Plant Services	Opportunities for Australian entities	
Services: HVAC Services	Opportunities for Australian entities	
Services: Fire Detection and Protection Services	Opportunities for Australian entities	
Services: Construction Communications Services (4G, LTE)	Opportunities for Australian entities	
Services: SMP Labour	Opportunities for Australian entities	
Services: E and I Labour	Opportunities for Australian entities	
Goods: Gantry Crane 250T	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:

Sean Hughes

Contact person's position:

EPC Contractor - Procurement Manager

Phone number:

0730136100

Email address:

Sean.Hughes@mcdgroup.com

Project Proponent Website

Project proponent website:

https://genexpower.com.au/250mw-kidston-pumped-storage-hydro-project/

Project Opportunities Website

List of websites:

Is this website active?	Is this website active?	Date the website is expected to go live:
https://jobs.johnholland.com.au/Kidston/	Yes	

Supplier engagement and communication actions:

Promote project opportunities through industry associations
Conduct supplier information briefings on project opportunities and bid processes
Directly contact suppliers with information on project opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

Encourage joint ventures and alliances between suppliers Provide onsite or internal training or accreditation

Global supply chain integration actions:

Recommend suppliers undertake export readiness training or international accreditation

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 Kidston Hydro Project Trust

Facility details

Facility name:

Kidston Pumped Storage Hydro Project

Location:

Kidston, Queensland Australia

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
Blue House - Accommodation Upgrade (all units and associated infrastructure)	Opportunities for Australian entities	
Andritz (Operating and Maintenance) Services	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:

Arran McGhie

Contact person's position:

Chief Operations Officer

Phone number:

0439065926

Email address:

am@genexpower.com.au

Facility Operator Website

Facility operator website:

https://genexpower.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.andritz.com/group-en	Yes	

Supplier engagement and communication actions:

Promote new facility opportunities through industry associations
Engage with vendor identification agencies on new facility opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

Recommend suppliers undertake training and/or accreditation Support supplier development initiatives of industry associations or governments

Global supply chain integration actions:

Support suppliers to register with global supplier databases

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