



Australian Jobs Act 2013

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: WOODSIDE ENERGY LTD.

Project details

Name: H2TAS

Location: Bell Bay, Tasmania

Type: Other productive facility

Purpose: Establish new facility

Capital expenditure: \$500 million or more

Description: Woodside is pursuing an opportunity, named H2TAS (the Project), to produce renewable ammonia for export markets, as well as hydrogen for domestic use. The Project is being planned as a phased development, in accordance with the availability of power, the availability of water and the readiness of markets. Phase 1: It is currently contemplated that the Project will include a 250 - 300 mega-watt (MW) ammonia plant with renewable ammonia production capacity of ~200,000 tonnes per year. The Project will involve the construction and installation of hydrogen electrolyzers, air separation units, ammonia synthesis plant, ammonia product storage tanks, raw water and wastewater treatment plants, high voltage (HV) receiving substation/switchyard and non-process infrastructure (inclusive of warehouse and workshop). Export will be via existing infrastructure. The project proponent's procurement and contracting strategy for the Project includes an engineering, procurement and construction (EPC) with OEM packages for specialized equipment (i.e electrolyzers, Ammonia Synthesis Package to be contracted directly to the Project proponents or subcontracted through the EPC contractor. The project proponent's own procurement activities will be limited to sourcing material or services occasionally required to supplement the services provided by the EPC Contractor. The Project is currently in Concept Definition phase and Woodside is targeting a final investment decision in 2023, with construction and commissioning expected to take approximately 24 months. Woodside is targeting ready for start-up in 2026.

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
Supply of Electrolysers	No	Yes	The nature and size of this item requires it to be sourced from specialist international manufacturers. No capability currently exists within the Australian market to supply such item.
No Supply of ammonia synthesis loop		Yes	The nature and size of this item requires it to be sourced from specialist international manufacturers. No capability currently exists within the Australian market to supply such item. Proprietary design and supply from technology licensor.

Waste heat boiler and steam drum	No	Yes	The nature and size of this item requires it to be sourced from specialist international manufacturers. No capability currently exists within the Australian market to supply such item. Proprietary design and supply from technology licensor.	
Product storage tanks	Yes	Yes		
Site Preparation	Yes	No		
Substation/Switchyard	Yes	Yes		
Telecommunications/IT and Security systems	Yes	Yes		
Plant Control System Integration		Yes		
Cooling tower	Yes	Yes		
Concrete	Yes	No		
Chemical injection packages	Yes	Yes		
Flare system	Yes	Yes		
Control valves	Yes	Yes		
Instrumentation	Yes	Yes		
Demineralised water plant package	Yes	Yes		
Polishing unit	Yes	Yes		
Filters	Yes	Yes		
Electrical cable	Yes	Yes		
Deaerator	Yes	Yes		
Non-process infrastructure	Yes	Yes		
Air separation unit (ASU)	No	Yes		The nature and size of this item requires it to be sourced from specialist international manufacturers. No capability currently exists within the Australian market to supply such item.
Emergency diesel generator set	Yes	Yes		
Waste water and effluent drainage	Yes	Yes		
Site preparation activities	Yes	No		
Port and jetty infrastructure upgrades	Yes	Yes		
High voltage equipment and transformers	Yes	Yes		
Hydrogen storage cylinders	Yes	Yes		
Desalination plant	Yes	Yes		
Steam turbine generator		No Yes	The nature and size of this item requires it to be sourced from specialist international manufacturers. No capability currently exists within the Australian market to supply such item.	

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 Glynis Berber
Contact person position Senior Contracting and Procurement Adviser
Phone number 0894386300
E-mail glynis.berber@woodside.com.au

Project proponent website: <https://www.woodside.com.au>

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

Supplier engagement and communication actions :

- 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
- AIP Plan Contact Office
- Online Advertisement

Building Australian industry capability

Supplier capability development actions:

- Support supplier development initiatives of industry associations or governments
- Feedback to Unsuccessful Australian manufacturers and suppliers
- Independent Industry Verification Service

Global supply chain integration actions:

- Support suppliers to register with global supplier databases
- Cascading of obligations

Feedback process for unsuccessful bidders:

Contractual cascading of obligations to ensure that unsuccessful Australian suppliers for key goods or services, at both EOI and tender stages, will be offered the opportunity for feedback.

Australian Industry Participation Plan Summary - Operations Phase

Nominated facility operator: WOODSIDE ENERGY TECHNOLOGIES PTY LTD

Facility details

Name: H2TAS

Location: Bell Bay, Tasmania

Type: Other productive 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
Fuel supply	Yes	Yes	
ASU spares	Yes	Yes	
Electrolyser spares	Yes	Yes	
Ammonia process spares	Yes	Yes	
Gardening and landscaping services	Yes	Yes	
Painting services	Yes	Yes	
Security services	Yes	Yes	
Waste management services	Yes	Yes	
Fire system	Yes	Yes	
Waste water / treatment chemical supply	Yes	Yes	
Scaffolding services	Yes	Yes	
Cranes services	Yes	Yes	
Air conditioning services and spares	Yes	Yes	
Rotating equipment spares	Yes	Yes	
Valve repair services	Yes	Yes	
Mechanical repair services	Yes	Yes	
Hire equipment	Yes	Yes	
Specialist/hydrogen engineering services	Yes	Yes	
Instrument calibration services	Yes	Yes	
Insulation services	Yes	Yes	
Specialist facility and instrument inspection services	Yes	Yes	
Offsite mechanical repair services	Yes	Yes	
Plant Operations and maintenance	Yes	Yes	
Electricity transmission	Yes	Yes	
Project power generation/supply	Yes	Yes	

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Facility standards:

- Australian
- International

Supplier information and communication

Facility operator's contact person for supplier enquiries:

Contact person name Glynis Berber
Contact person position Senior Contracting and Procurement Adviser
Phone number 0894386300
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