



Australian Industry
Participation Authority

Australian Jobs Act 2013

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: GIBSON ISLAND H2 PTY LTD

Project details

Name: Gibson Island Project

Location: Gibson Island, Queensland

Type: Other productive facility

Purpose: Establish new facility

Capital expenditure: \$500 million or more

Description: The Proponent proposes to develop a green hydrogen manufacturing plant on Gibson Island, Queensland (the Project). The Project will make use of renewable energy and water to produce hydrogen through electrolysis, which is intended to be used for ammonia production by a third party. It is currently contemplated that the Project will include a 400+ mega-watt (MW) hydrogen plant with capacity to produce 57,000 tonnes of green hydrogen per year. The Project will involve the construction of hydrogen electrolyzers, hydrogen storage and compression, cooling towers, a wastewater treatment plant, a high voltage (HV) receiving substation/switchyard and non-process infrastructure (inclusive of offices, gatehouse, warehouse, and a control room). The Proponent's procurement and contracting strategy for the Project proposes the Proponent to contract all major packages directly, with equipment to be free-issued to the construction contractors. Australian entities will have full, fair and reasonable opportunity to tender for supply of goods or services for the Project either directly with the Proponent, or in a subcontracting capacity with the Proponent's major contractors. The Proponent's major contractors will be obligated in their contracts to comply with the Proponent's AIP Plan requirements (to the extent applicable and relevant to their scope) and report to the Proponent on their compliance. Procurement Activities Timeframe: Procurement activities are scheduled to commence in Quarter 4 of 2023. FID is expected to occur in Quarter 4 2023. Construction Activities Timeframe: Construction is scheduled to commence Quarter 1 2024. The green hydrogen facility is expected to be operational by the second half of 2026.

Completion date: 27 October 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
Feasibility Studies	Yes	Yes	
Detailed Design & Engineering Support Services	Yes	Yes	
Logistics Services	Yes	Yes	
Quality Services	Yes	Yes	
Supply of Electrolysers & BOS	Yes	Yes	
Supply of HV & MV Cables	Yes	Yes	
Supply of Transformers	Yes	Yes	
Supply of Packaged Substations (MV & LV Switchgears,	Yes	Yes	
Supply of Harmonic Filters	Yes	Yes	
Supply of Fire Water Pumps	Yes	Yes	
Supply of Emergency Power Generator	Yes	Yes	
Supply of Hydrogen Flare	Yes	Yes	
Supply of Integrated Control & Safety System (ICSS)	Yes	Yes	
Supply of Instrument Air	Yes	Yes	
Supply of Effluent Water Treatment & Handling	Yes	Yes	
Supply of Pumps (incl. cooling water, feedwater pumps)	Yes	Yes	
Supply of Cooling Water Towers	Yes	Yes	
Supply of Custody Transfer Metering System	Yes	Yes	
Supply of Hydrogen Treatment	Yes	Yes	
Supply of Hydrogen Storage Pressure Vessels	Yes	Yes	
Supply of Hydrogen Compressor	Yes	Yes	
Supply of Pressure Reducing Station	Yes	Yes	
Supply of 275kv Switchgear	Yes	Yes	
Supply of Water Treatment (Ultra-Pure Water & Primary)	Yes	Yes	
Supply of STATCOM / FACTS Equipment	Yes	Yes	
Supply of Critical Actuated Valves	Yes	Yes	
Supply of Piperack Module Fabrication	Yes	Yes	
Supply of Tanks (Firewater Tank, Feedwater Tank, Treated	Yes	Yes	
Supply of Flare Knockout Drum	Yes	Yes	
Supply of Nitrogen Compressor	Yes	Yes	
Supply of Nitrogen Pressure Vessel	Yes	Yes	
Supply of Air Handling Units	Yes	Yes	
Supply of UPW Blowdown Heat Exchangers	Yes	Yes	
Supply of Chemical Dosing	Yes	Yes	
Supply of Fire Water Buried Ring Main & Fire Monitors	Yes	Yes	
Supply of Oily Water Treatment Package	Yes	Yes	
Construction of Earthworks & Piling	Yes	Yes	
Installation of Process Plant (including foundations, U/G services, SMP & E&I)	Yes	Yes	

<u>Design & Construction of Non-Processing Infrastructure</u>	<u>Yes</u>	<u>Yes</u>	
---	------------	------------	--

*
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 Ray Loh
Contact person position Manager, ICNWA
Phone number 0893657499
E-mail Ray.Loh@icnwa.org.au

Project proponent website: <https://www.fmgl.com.au/about-fortescue/our-operations> and [Gibson Island Project \(icn.org.au\)](http://Gibson_Island_Project_(icn.org.au))

Project opportunities website: [Gibson Island Project \(icn.org.au\)](http://Gibson_Island_Project_(icn.org.au))

Supplier engagement and communication actions:

Promote project opportunities through industry associations
Conduct supplier information briefings on project opportunities and bid processes
Issue media releases or ASX announcements on project developments and opportunities
Community Liaison

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

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Recommend suppliers undertake export readiness training or international accreditation
- Provide references for high performing suppliers

Feedback process for unsuccessful bidders:

If an Australian entity is not shortlisted to participate in a tender or has been unsuccessful in the tender, the Proponent will work with ICN to provide feedback. More specifically, the Proponent, working with ICN will: • provide information on recommended development activities to increase the unsuccessful tenderer's capabilities and capacity for future tender processes, including referral to support programs; and • provide general feedback on the strengths and weaknesses of tenders, suggestions for improving the quality of submissions and how to improve competitiveness for future opportunities. In addition, the Project's procurement entities will be contractually required to offer feedback to unsuccessful Australian tenderers, which will include recommendations of relevant training, skills, capability and capacity development where relevant.

Australian Industry Participation Plan Summary - Operations Phase

Nominated facility operator: GIBSON ISLAND H2 PTY LTD

Facility details

Name: Gibson Island Project

Location: Gibson Island, Queensland

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
Waste Management Services	Yes	Yes	
Fire System Contract	Yes	Yes	
Chemical Contract	Yes	Yes	
Pump Repair Services	Yes	Yes	
Rotating Equipment Repair Services	Yes	Yes	
Valve Repair Services	Yes	Yes	
Technology Supplier Services	Yes	Yes	
Scaffolding Services	Yes	Yes	
Cranes (Fixed, Gantry, HE, Mobile) Services	Yes	Yes	
Offsite Mechanical Repair Services	Yes	Yes	
Control System Integrator Contracts	Yes	Yes	
Classified Plant Contract	Yes	Yes	
Hire Equipment Contract	Yes	Yes	
Aircon Servicing Contract	Yes	Yes	
Non-Process Facilities Contract	Yes	Yes	
Security Services Contract	Yes	Yes	
Specialist Engineering Services Contracts (RBI Inspections, EEHA Inspections, et	Yes	Yes	
Instrument Calibration Services	Yes	Yes	
Painting Services - Contracts	Yes	Yes	
Industrial Insulation Services Contracts	Yes	Yes	
Electrolyser (Spares)	Yes	Yes	
Balance of Plant (Spares)	Yes	Yes	

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

Facility standards:

- Australian
- International

Supplier information and communication

Facility operator's contact person for supplier enquiries:

Contact person name Ray Loh
Contact person position Manager, ICNWA
Phone number 0893657499
E-mail Ray.Loh@icnwa.org.au

Facility operator website: <https://www.fmgl.com.au/about-fortescue/our-operations> and [Gibson Island Project \(icn.org.au\)](http://Gibson Island Project (icn.org.au))

Facility opportunities website: [Gibson Island Project \(icn.org.au\)](http://Gibson Island Project (icn.org.au))

Supplier engagement and communication actions:

- Promote project opportunities through industry associations
- Conduct supplier information briefings on project opportunities and bid processes
- Issue media releases or ASX announcements on project developments and opportunities
- Directly contact suppliers with information on project opportunities and bid processes
- N/A

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

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Provide references for high performing suppliers

Feedback process for unsuccessful bidders:

The Operator, working with ICN, will offer written feedback with advice that a bid was not successful. In particular, the Operator, working with ICN, will do the following with respect to such feedback: • provide information on recommended development activities to increase their capabilities and capacity on future operational opportunities, which may include participation in government funded programs such as the Entrepreneurs' Programme, to access expert consultations to assess the unsuccessful bidder's business and identify specific areas of improvement. The Programme will then work with the unsuccessful bidder to find simple, smart and effective ways to address the shortfalls identified in the Facility's pre-qualification/tendering process and achieve their business goals. • encourage adoption of Australian Standards requirements for OH&S, quality and environmental qualifications. Where required, provide general feedback on the strengths and weaknesses of bids, suggestions for improving the quality of submissions and how to improve competitiveness for future opportunities. In addition, the Project's procurement entities will be contractually required to offer feedback to unsuccessful Australian tenderers, which will include recommendations of relevant training, skills, capability and capacity development where relevant.