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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 electrolysers, 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

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|  |  |
| --- | --- |
| Key goods and servicesIndicative list of key goods and services to be acquired for the project:**Opportunities for** **Opportunities for****Key goods and services Australian entities \* 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, 33kV Switchrooms, ENMCS) | 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 Water Tank) | 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 |  |
| Design & Construction of Non-Processing Infrastructure | 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** 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)](https://gateway.icn.org.au/project/4899/gibson-island-project?st=projects&rl=eyJ0aXRsZSI6IkJhY2sgdG8gc2VhcmNoIHJlc3VsdHMiLCJ1cmwiOiJcL3Byb2plY3RcL3NlYXJjaFwvNjNiYjdlZmMyYmVlNiJ9&test_page=1)

Project opportunities website: [Gibson Island Project (icn.org.au)](https://gateway.icn.org.au/project/4899/gibson-island-project?st=projects&rl=eyJ0aXRsZSI6IkJhY2sgdG8gc2VhcmNoIHJlc3VsdHMiLCJ1cmwiOiJcL3Byb2plY3RcL3NlYXJjaFwvNjNiYjdlZmMyYmVlNiJ9&test_page=1)

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

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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.

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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:

**Explanation for no**

**opportunities for Australian entities**

**Opportunities for**

**Opportunities for**

**Key goods and services Australian entities \* non-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

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

 Yes Yes

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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)](https://gateway.icn.org.au/project/4899/gibson-island-project?st=projects&rl=eyJ0aXRsZSI6IkJhY2sgdG8gc2VhcmNoIHJlc3VsdHMiLCJ1cmwiOiJcL3Byb2plY3RcL3NlYXJjaFwvNjNiYjdlZmMyYmVlNiJ9&test_page=1)

Facility opportunities website: [Gibson Island Project (icn.org.au)](https://gateway.icn.org.au/project/4899/gibson-island-project?st=projects&rl=eyJ0aXRsZSI6IkJhY2sgdG8gc2VhcmNoIHJlc3VsdHMiLCJ1cmwiOiJcL3Byb2plY3RcL3NlYXJjaFwvNjNiYjdlZmMyYmVlNiJ9&test_page=1)

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.

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