



Australian Jobs Act 2013

AIP Plan reference code: HQPDPQNW

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: Gladstone Fortescue Future Industries Pty Ltd

Project details

Name: Gladstone Green Energy Project

Location: Gladstone, Queensland

Type: Other productive facility

Purpose: Establish new facility

Capital expenditure: \$500 million or more

Description: The Proponent proposes to develop a green hydrogen and ammonia production facility in Gladstone, Queensland (the Project). The Project will make use of renewable energy and water to produce hydrogen through electrolysis which will then be used to produce ammonia. It is currently contemplated that the Project will include a 900 mega-watt (MW) hydrogen plant with capacity to produce ~120,000 tonnes of green hydrogen per year which will then be used to synthesise ~670,000 tonnes of green ammonia per year. The Project will involve the construction of hydrogen electrolyzers, hydrogen storage and compression, cooling systems, water treatment plant, nitrogen production / air separation unit facility, ammonia synthesis plant, liquid ammonia storage, transmission pipelines, high voltage (HV) receiving substation/switchyard and non-process infrastructure (inclusive of temporary construction facilities). 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 for FEED are scheduled to commence in the second half of CY2023. Construction is scheduled to commence Quarter 4 CY2024. The green hydrogen and ammonia production facility is expected to be operational by Quarter 4 CY2027. The Project opportunities to supply key goods and services listed in this plan are indicative only and subject to change.

Completion date: 31 Dec 2027

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 / Front End Engineering Design (FEED) Studies	Yes	Yes	
Balance of System & Plant (fabrication, procurement & construction)	Yes	Yes	
Supply of Electrolysers	Yes	Yes	
Supply of HV Cables	Yes	Yes	
Supply of HV Transformers	Yes	Yes	
Supply of HV Switchgear	Yes	Yes	
Supply of Switch Room	Yes	Yes	
Supply of Compression Skids	Yes	Yes	
Supply of Water Treatment Plant	Yes	Yes	
Supply of Utilities & Instrument Air	Yes	Yes	
Supply of Cooling Towers	Yes	Yes	
Supply of Central Control Room	Yes	Yes	
Supply of H2 Analyser	Yes	Yes	
Supply of Metering Skid	Yes	Yes	
Construction of Earthworks & Civils	Yes	Yes	
Construction of Non-Processing Infrastructure (NPI)	Yes	Yes	
Installation of the Hydrogen Process Plant	Yes	Yes	
Installation of Ammonia Process Plant	Yes	Yes	
Supply & Installation of Storage Tank	Yes	Yes	
Installation of 33kV Electrical Distribution	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 <http://gateway.icn.org.au/>

Project opportunities website: <http://gateway.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
- Other – 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: Gladstone Fortescue Future Industries Pty Ltd

Facility details

Name: Gladstone Green Energy Project

Location: Gladstone, 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>

Facility opportunities website: <http://gateway.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

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
- Other – Pre-qualification Advice

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- 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; and • 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.