

Australian Jobs Act 2013

AIP Plan reference code:

Australian Industry Participation Plan Summary - Project Phase

**Nominated project proponent:** Pilbara Energy Company Pty Ltd

Project details

Name: Fortescue Decarbonisation Project

Location: Pilbara, Western Australia

Type: Electricity facility

Purpose: Upgrade existing facility

Capital expenditure: $500 million or more

Description: Fortescue is committed to decarbonising its operations in mining, port, rail, Non-process Infrastructure (NPI) and mobile fleet in the Pilbara in Western Australia to achieve real zero emissions by 2030. Fortescue’s decarbonisation plan includes development of the green power generation required and consists of 2-3 GW of renewable (wind and solar) energy generation plus battery storage. The renewable power generated will be transmitted to Fortescue’s electrical network via dedicated connections. Procurement Activities Timeframe: Procurement activities are scheduled to commence O3 of CY2023. The Project opportunities to supply key goods and services listed in this plan (including those which may be engaged through portfolio framework agreements) are indicative only and subject to change.

Construction Activities Timeframe: Construction is scheduled to commence O1 CY2024. The Project is planned to be completed by O4 CY2030. The Project opportunities to supply key goods and services listed in this plan (including those which may be engaged through portfolio framework agreements) are indicative only and subject to change.

Completion date: 31 Dec 2030

Key goods and services

Indicative list of key goods and services to be acquired for the project:

**Key goods and services**

Transmission - Supply of Transmission Line Poles

Transmission - Supply of Conductor, OPGW & Fittings

Transmission - Supply of Control / Switchroom

Transmission - Supply of Transformer-120MVA, 2 Winding

Transmission - Supply of Transformer-250MVA, 3 Winding

**Opportunities for**

**Australian entities\***

**Opportunities for
non-Australian
entities**

**Explanation for no opportunities for Australian entities**

Yes Yes

Yes Yes

Yes Yes

Yes Yes

Yes Yes

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|  |  |
| --- | --- |
| Transmission - Supply of 220kV Switchgear- Indoor GIS Transmission - Supply of 220kV Switchgear- Hybrid (outdoor) Transmission - Construction of Earthworks - Access and Pads Transmission - Construction of Civil FoundationsTransmission - Construction of Transmission Lines |  Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes |

Transmission - Construction of Substation Yes Yes

Transmission - Geotechnical Services Yes Yes

Transmission - Site Surveying Services Yes Yes

Transmission - Commissioning Support Yes Yes

Services

Transmission - Minor Earthworks & Yes Yes
Ancillary Services

Transmission - Design assistance and Yes Yes
verification

Wind - Wind Turbine Supply Yes Yes

Wind - Civil & Access Design Yes Yes

Wind - Scada & Control System Design Yes Yes

Wind - Clearing and Access Works Yes Yes

Wind - Wind Turbine Foundation Yes Yes

construction

Wind - Wind Turbine Installation Yes Yes

Wind - Crane Hire Yes Yes

Wind - Electrical Balance of Plant Works Yes Yes

Wind - Non-Process Infrastructure Design Yes Yes

& Construct

Solar- Supply of Solar Panel PV Modules Yes Yes

Solar- Supply of Power Conversion Yes Yes

Stations and Plant Controllers

Solar- Supply of Tracker System & Supply Yes Yes
of Piles

Solar- Supply of Solar DC Reticulation Yes Yes

Solar- Clearing, Fencing and Bulk Yes Yes

Earthworks

Solar – Civil & Mechanical Yes Yes
Construction/Installation Works

Solar- 33kv Reticulation Construction Yes Yes

Solar- Electrical Construction package Yes Yes

(DC reticulation)

Solar- Construction of Substations Yes Yes

Solar- Geotechnical Services (early Yes Yes

works only)

BESS - Supply of Pre-fabricated Battery Yes Yes
modules

BESS - Supply of Power Conversion Yes Yes
System

BESS - Clearing and Earthworks Yes Yes

BESS - Electrical Installation (incl minor Yes Yes

mech works)

BESS - Commissioning Support Services Yes Yes

Miscellaneous - Supply of Concrete Yes Yes

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Infrastructure - Design, Supply and Construction

of a 33kw distribution network Yes Yes

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Infrastructure - Design of Heavy Mining

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Equipment (HME), Light Mobile Equipment (LME)

& Support mobile Equipment (SME) facilities Yes Yes

Infrastructure - Construction of HME Facilities Yes Yes

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Infrastructure - Construction of LME & HME

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Facilities Yes Yes

Infrastructure - Construction of In-Pit connections Yes Yes

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Infrastructure - Supply of vehicle charging

systems including distributed DC chargers,

Integrated DC Chargers and AC Chargers Yes Yes

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Infrastructure - Installation of vehicle charging

systems including distributed DC chargers,

Integrated DC Chargers and AC Chargers Yes Yes

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Infrastructure - Supply of Fast Chargers Yes Yes

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Infrastructure - Installation of Fast Chargers Yes Yes

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Infrastructure - Supply of Transformers Yes Yes

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Infrastructure - Supply of Kiosk Substantiation Yes Yes

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Infrastructure - Supply of Switchgear Yes Yes

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Infrastructure - Supply and integration of

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Pit Subs and Field Switches Yes Yes

Miscellaneous - Temporary Camp Yes Yes

Installation & Hire

Miscellaneous - Camp Services 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** Chris Cleave

**Contact person position** Contracts Manager

**Phone number** 0862188888

**E-mail** decarbonisationaip@fmgl.com.au

Project proponent website: <https://fortescue.com/suppliers>
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

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

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, the Proponent will work with ION to provide feedback. More specifically, the Proponent, working with ION will: • provide information on recommended development activities of Australian entities that have not been shortlisted to participate in a tender to increase capability 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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