



# Australian Jobs Act 2013

AIP Plan reference code:

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## Australian Industry Participation Plan Summary - Project Phase

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**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                                 | Opportunities for Australian entities | Opportunities for non-Australian entities | Explanation for no opportunities for Australian entities |
|--|---------------------------------------|---|--|
| Transmission - Supply of Transmission Line Poles       | Yes                                   | Yes                                       |  |
| Transmission - Supply of Conductor, OPGW & Fittings    | Yes                                   | Yes                                       |  |
| Transmission - Supply of Control / Switchroom          | Yes                                   | Yes                                       |  |
| Transmission - Supply of Transformer-120MVA, 2 Winding | Yes                                   | Yes                                       |  |
| Transmission - Supply of Transformer-250MVA, 3 Winding | Yes                                   | Yes                                       |  |

|   |     |     |
|---|-----|-----|
| Transmission - Supply of 220kV Switchgear- Indoor GIS   | Yes | Yes |
| Transmission - Supply of 220kV Switchgear- Hybrid (outdoor)   | Yes | Yes |
| Transmission - Construction of Earthworks - Access and Pads   | Yes | Yes |
| Transmission - Construction of Civil Foundations  | Yes | Yes |
| Transmission - Construction of Transmission Lines   | Yes | Yes |
| Transmission - Construction of Substation   | Yes | Yes |
| Transmission - Geotechnical Services  | Yes | Yes |
| Transmission - Site Surveying Services  | Yes | Yes |
| Transmission - Commissioning Support Services   | Yes | Yes |
| Transmission - Minor Earthworks & Ancillary Services  | Yes | Yes |
| Transmission - Design assistance and verification   | Yes | Yes |
| 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 construction   | Yes | Yes |
| Wind - Wind Turbine Installation  | Yes | Yes |
| Wind - Crane Hire   | Yes | Yes |
| Wind - Electrical Balance of Plant Works  | Yes | Yes |
| Wind - Non-Process Infrastructure Design & Construct  | Yes | Yes |
| Solar- Supply of Solar Panel PV Modules   | Yes | Yes |
| Solar- Supply of Power Conversion Stations and Plant Controllers  | Yes | Yes |
| Solar- Supply of Tracker System & Supply of Piles   | Yes | Yes |
| Solar- Supply of Solar DC Reticulation  | Yes | Yes |
| Solar- Clearing, Fencing and Bulk Earthworks  | Yes | Yes |
| Solar – Civil & Mechanical Construction/Installation Works  | Yes | Yes |
| Solar- 33kv Reticulation Construction   | Yes | Yes |
| Solar- Electrical Construction package (DC reticulation)  | Yes | Yes |
| Solar- Construction of Substations  | Yes | Yes |
| Solar- Geotechnical Services (early works only)   | Yes | Yes |
| BESS - Supply of Pre-fabricated Battery modules   | Yes | Yes |
| BESS - Supply of Power Conversion System  | Yes | Yes |
| BESS - Clearing and Earthworks  | Yes | Yes |
| BESS - Electrical Installation (incl minor mech works)  | Yes | Yes |
| BESS - Commissioning Support Services   | Yes | Yes |
| Miscellaneous - Supply of Concrete  | Yes | Yes |
| Infrastructure - Design, Supply and Construction of a 33kw distribution network   | Yes | Yes |
| Infrastructure - Design of Heavy Mining Equipment (HME), Light Mobile Equipment (LME) & Support mobile Equipment (SME) facilities | Yes | Yes |
| Infrastructure - Construction of HME Facilities   | Yes | Yes |
| Infrastructure - Construction of LME & HME Facilities   | Yes | Yes |
| Infrastructure - Construction of In-Pit connections   | Yes | Yes |
| Infrastructure - Supply of vehicle charging systems including distributed DC chargers, Integrated DC Chargers and AC Chargers     | Yes | Yes |
| Infrastructure - Installation of vehicle charging   | Yes | Yes |

|  |     |     |
|--|-----|-----|
| systems including distributed DC chargers,<br>Integrated DC Chargers and AC Chargers | Yes | Yes |
| Infrastructure - Supply of Fast Chargers   | Yes | Yes |
| Infrastructure - Installation of Fast Chargers                                       | Yes | Yes |
| Infrastructure - Supply of Transformers  | Yes | Yes |
| Infrastructure - Supply of Kiosk Substantiation                                      | Yes | Yes |
| Infrastructure - Supply of Switchgear  | Yes | Yes |
| Infrastructure - Supply and integration of<br>Pit Subs and Field Switches            | Yes | Yes |

|   |     |     |
|---|-----|-----|
| Miscellaneous - Temporary Camp<br>Installation & Hire | Yes | Yes |
| 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](mailto: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

# 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.