

Australian Industry Participation (AIP) Plan Summary – Project Phase

1. Project Details

Designated Project Proponent:

IB Operations Pty Ltd (ACN165 513 557), as agent for the joint venture between FMG Magnetite Pty Ltd and Formosa Steel IB Pty Ltd

Project Name:

Iron Bridge Magnetite Project

Description of the Project:

The Iron Bridge Magnetite Project is for the development of a new magnetite mine and associated infrastructure at FMG Magnetite Pty Ltd and Formosa Steel IB Pty Ltd's Iron Bridge Magnetite Site.

The planned infrastructure includes:

- 22 million tonnes per annum (mtpa) Ore Processing Facility (OPF);
- 195km Canning Basin water pipeline;
- 135km concentrate pipeline to Port Hedland and return water pipeline;
- Concentrate handling facility at Port Hedland;
- Non-processing infrastructure.

The Project schedule includes the following Stage 2 key milestones:

- (a) first production by first quarter of 2023, with
- (b) ramp-up to full production run rate within 12 to 18 months.

Procurement activities are expected to commence in March 2019.

Estimated Project Value:

>\$500 million AUD.

Project Location:

North Star, and Glacier Valley magnetite ore bodies deposits, 145km south of Port Hedland, in the Pilbara region of Western Australia.

Link to Project Information:

Information on the Project, including tender opportunities for goods and services will be published on the Industry Capability Network (ICN) Gateway at: <http://gateway.icn.org.au/>.

Project Proponent's Contact for Procurement Information:

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Other project proponents involved in the project:

Not applicable.

2. Opportunities to Supply Goods and Services

Expected opportunities	Opportunities for Australian entities	Opportunities for non-Australian entities
Goods		
Structural Steel	Yes	Yes
Cable	Yes	Yes
Cable Tray	Yes	Yes
Steel Tanks Slurry	Yes	Yes
Water Tanks	Yes	Yes
Cranes and Hoists	Yes	Yes
Transportable Buildings (workshops, crib rooms and similar)	Yes	Yes
Gyratory Crusher	Yes	Yes
Cone Crushers	Yes	Yes
High Pressure Grinding Rolls	Yes	Yes
Air Classifiers	Yes	Yes
Dry Magnetic Separators	Yes	Yes
Wet Magnetic Separators	Yes	Yes
Regrind Mills	Yes	Yes
Coarse Ore Stockpile Radial Stacker	Yes	Yes
Apron Feeders	Yes	Yes
Isolation Gates	Yes	Yes
Vibrating Feeders	Yes	Yes
Vibrating Screens	Yes	Yes
Belt Feeders	Yes	Yes
Dust Collectors	Yes	Yes
Hydrocyclones	Yes	Yes
Thickeners, Steel or Concrete	Yes	Yes
Baghouses	Yes	Yes
Positive Displacement Pumps	Yes	Yes
Tripper Conveyor	Yes	Yes

Expected opportunities	Opportunities for Australian entities	Opportunities for non-Australian entities
Compressed Air System	Yes	Yes
On-stream Analysers	Yes	Yes
Dry Rejects Conveying System	Yes	Yes
Dry Samplers	Yes	Yes
415V Low Voltage Motor Control Centre (Switchroom)	Yes	Yes
6.6kV High Voltage Motor Control Centre (Switchrooms)	Yes	Yes
Substations and Transformers	Yes	Yes
LV Variable Speed Drives	Yes	Yes
Control System Hardware	Yes	Yes
Fuel Storage Tanks	Yes	Yes
Feed Control Unit	Yes	Yes
Distributors and Dart Valves	Yes	Yes
Water Pumps	Yes	Yes
Mechanical Valves	Yes	Yes
Agitators	Yes	Yes
Flocculant Plant	Yes	Yes
Pig Launching Facility	Yes	Yes
Polishing Water Filters	Yes	Yes
Conveyor Drives	Yes	Yes
Conveyor Pulleys	Yes	Yes
Conveyor Idlers	Yes	Yes
Conveyor Belts	Yes	Yes
Conveyor Skirts	Yes	Yes
Slurry Samplers	Yes	Yes
Slurry Process and Sump Pumps	Yes	Yes
Steel Pipe	Yes	Yes
Process Control System	Yes	Yes
Concentrate Dewatering Filters	Yes	Yes
Sample Stations	Yes	Yes
Return Water Pumps	Yes	Yes
HV Motors	Yes	Yes
LV Motors	Yes	Yes

Expected opportunities	Opportunities for Australian entities	Opportunities for non-Australian entities
Bridge Portal Reclaimer	Yes	Yes
Mine Fleet	Yes	Yes
Dewatering Drums	Yes	Yes
Rock Breakers	Yes	Yes
Process Plant Piping	Yes	Yes
Derrick Screens	Yes	Yes
Piping Supports	Yes	Yes
Shuttle Conveyor	Yes	Yes
MV Variable Speed Drives and Input Transformer	Yes	Yes
Process Instrumentation and Controls	Yes	Yes
Lights and Poles	Yes	Yes
Supply of Wear Liners	Yes	Yes
Supply of Floor Plate Handrails	Yes	Yes
Supply of Platework, Chutes, Bins, Hoppers, Ducting etc.	Yes	Yes
Services		
Engineering Services	Yes	Yes
Freight and Logistics	Yes	Yes
Bulk Earthworks - Access Roads & Infrastructure	Yes	Yes
Construction Camp	Yes	Yes
Waste Water Treatment Upgrade	Yes	Yes
Construction Power Supply	Yes	Yes
Bulk Earthworks - Tails Storage Facility (TSF)	Yes	Yes
Process Plant Construction	Yes	Yes
TSF Construction	Yes	Yes
Tailings Pipeline	Yes	Yes
Raw water Borefield and Pipeline	Yes	Yes
Concentrate and Return Water Pipelines	Yes	Yes
Bulk Earthworks and Underground Services	Yes	Yes

Expected opportunities	Opportunities for Australian entities	Opportunities for non-Australian entities
Port - Structural, Mechanical, Piping	Yes	Yes
Detailed Earthworks & Concrete	Yes	Yes
Port Electrical, Instrumentation & Control	Yes	Yes
Bridge Reclaimer	Yes	Yes
Product Storage Shed	Yes	Yes
Water Supply - Local Borefield Development	Yes	Yes
Bulk Earthworks - Roads, Processing Plant and Infrastructure	Yes	Yes
Workshops & Warehouses, ANFO, Fuel Farm, Washdown, Satellite Facilities	Yes	Yes
Operations Camp	Yes	Yes
Administration Offices	Yes	Yes
Waste Management	Yes	Yes
Car hire	Yes	Yes
Camp Catering	Yes	Yes
Fuel Supply	Yes	Yes
Access Roads - Camp - Process Plant	Yes	Yes
Airport	Yes	Yes
Water Treatment Plant	Yes	Yes
Commercial Flights	Yes	Yes
PCS Hardware, Software & Integration	Yes	Yes
Village Communications Upgrade	Yes	Yes
EIC installation HV infrastructure (33kV retic and underground services)	Yes	Yes
Canning Basin Bore Hole Drilling	Yes	Yes

Disclaimer: The information provided in the table above is based on an initial assessment by the Project Proponent. Any questions or issues should be raised with the Project Contact.

Explanation for item(s) in list above where it is indicated ‘No Opportunities for Australian entities’

Not applicable – Australian entities will be provided with an opportunity on all packages.

3. Standards to be used in the Project

The Project technical requirements will be largely based on Australian Standards (**AS**).

In certain circumstances AS may not be relevant to a package or component, and accordingly the Project Proponent will require compliance with an industry or an international standard which is commonly adopted in Australia.

The use of AS, or another recognised industry / international standard(s) which is commonly adopted in Australia, will ensure that Australian entities are not prejudiced by the Project technical requirements and have an opportunity to participate in the tender process.

If the Project Proponent develops a bespoke specification for a supply / works / services package, the details of that specification will be provided as part of the package specific information published on the ICN Gateway during the prequalification phase. Additionally, the specification will be issued as part of the tender package, with applicable supporting documentation. This publication process affords reasonable opportunity for Australian entities to consider and resource appropriately to meet the standards required under the specification.

4. AIP Activities to be undertaken by the Project Proponent

ICNWA

The Project Proponent will use ICNWA to publicise tendering opportunities to the Australian market and provide instruction and information to allow suppliers and contractors with capability to respond to Project tender opportunities.

Major Contractor AIP Compliance

Major contractors will be informed of AIP Plan requirements early in the tender process and contracts for relevant works or services will include an obligation on contractors to provide Australian entities with full, fair and reasonable opportunity to bid for the supply of goods or services for the Project.

Major contractors will be required to comply with the Project Proponent’s AIP Plan and to report on their compliance to the Project Proponent.

Contractors will also be required under its contracts with the Project Proponent to:

- report on activities to provide full, fair and reasonable access to Australian entities; and
- use ICNWA to source potential suppliers for subcontracting opportunities.

Public Information Activities

Public industry briefings will be conducted in Perth and Port Hedland for the Project.

The Project Proponent will provide information on timings, opportunities, pre-qualification requirements and enable registration of interest/capability on the Project ICN Gateway, and request Australian entities register their interest and capability by way of formal expression of

interest (**EOI**). ICNWA will provide briefings to suppliers on the Project timeframes and opportunities.

At future briefings the Project Proponent will:

- provide an update on the project opportunities;
- inform entities on where to locate specific package information in relation to Project opportunities;
- advise details of pre-qualification requirements, and how to obtain further information; and
- invite entities to register interest/capability and inform them how to do so.

Iron Bridge Joint Venture's majority shareholder will release formal ASX statements regarding major contracts.

Community Liaison

The Project Proponent will promote Project opportunities at community briefings, meetings and industry network events, including:

- Business associations (including Chamber of Commerce and Industry (**CCI**) branches; and South Hedland Business Association);
- Port Hedland Industries Council;
- Town of Port Hedland;
- Shire of East Pilbara;
- City of Karratha;
- Pilbara Development Commission;
- Port of Port Hedland Community Consultation Committee;
- Regional Development Australia – Pilbara;
- Committee for Economic Development of Australia;
- Association of Mining and Exploration Companies;
- Australian Davos Connection Forum; and
- Karriyara and Njamal working groups.

5. AIP Activities to be Undertaken by Procurement Entities

The Project Proponent will ensure that participants in the Project are informed of the Project Proponent's AIP Plan by:

- communicating the AIP Plan requirements to participants for the duration of the Project (e.g. at tender workshops, information seminars, through the ICN Gateway, and commercial meetings during Project execution);
- publishing and distributing policies regarding the Project Proponent's commitment to provide full, fair and reasonable opportunities for Australian entities to participate in the Project tender process;
- authorising ICNWA to contact entities that register an interest in a Project opportunity and provide feedback on requirements for participating in the Project's procurement process;
- ensuring that AIP obligations are a mandatory item for discussion in contractor kick-off meetings; and
- ensuring that Project contractors are required to comply with, and report on, the Project Proponent's AIP Plan commitments in their contracts with the Project Proponent.