



Australian Jobs Act 2013

AIP Plan reference code: NXM829XL

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: ONESTEEL MANUFACTURING PTY LIMITED

Project details

Name: Whyalla's GREENSTEEL transformation; a sustainable and economic transformation

Location: Whyalla SA

Type: Other productive facility

Purpose: Upgrade existing facility

Capital expenditure: \$500 million - \$1 billion

Description: Onesteel Manufacturing Pty Limited (OSM) is currently Australia's only steel producer of special grade billet and steel long products, producing semi-finished steel billet and custom made hot rolled structural, rail and sleeper products. This process is currently undertaken at the Whyalla Steelworks using a traditional blast furnace. OSM has recognised that steel production through this traditional high carbon emission process cannot continue and is developing the concept of 'GREENSTEEL'. Once implemented this will see a dramatic reduction in the carbon footprint of steel manufacturing in Australia. GREENSTEEL involves the production of primary steel through an EAF with a Hot Direct Reduction Iron (HDRI) feed, both processes powered by renewable energy. The Project will comprise of the installation of a state-of-the-art electric arc furnace (EAF) and ancillary facilities at the Whyalla Steelworks. The EAF will take advantage of the latest innovations in safety, energy efficiency, productivity, and flexibility in the melting process and is to be supplied by leading Italian supplier, Danieli. The Electric Arc Furnace Project's scope includes the installation of the EAF, metallurgical furnace capabilities, a vacuum degasser, buildings to house the equipment, crane, a water treatment plant, a flume treatment and power supply and connection infrastructure. The electric arc furnace will ultimately replace the existing blast furnace. This change will reduce carbon emission from around 2.2.0 Mt CO₂-e per year to 0.65 Mt CO₂-e per year by FY29 through a number of stages and improve the efficiency of the steelmaking operations at Whyalla through enhancements in safety, energy efficiency, productivity and flexibility. The Project will further enhance Australia's domestic steel production beyond 2030 and secure the direct and indirect jobs in Whyalla region.

Completion date: 30 Jun 2029

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 |
|------------------------|--|---|---|
| Electric Arc Furnace | No | Yes | No capability in Australia to provide OEM Equipment related to an Electric Arc Furnace. Onesteel Manufacturing Pty Limited intends to support local industry for installation and construction works. The Electric Arc Furnace will be provided by Danieli who are considered industry leaders globally within this market. |

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|---|-----|-----|
| Design, Supply, Install & Commission (DSIC) Cranes & Lifting Devices | Yes | Yes |
| Regulatory Approvals, Noise, Environmental etc | Yes | No |
| Construction - Mobile Crane Services | Yes | No |
| Geotechnical & Survey | Yes | No |
| Earthworks / Civil works, Concrete, Foundations & Piling | Yes | No |
| Modifications to Existing Infrastructure | Yes | No |
| Ancillary Buildings (Offices, warehousing, switch rooms) | Yes | Yes |
| Structural Steelwork | Yes | Yes |
| Mechanical (Supply & Services) | Yes | Yes |
| Demin / RO Water Plant | Yes | Yes |
| Piping, valves, supports (Supply) | Yes | Yes |
| Electrical / Power (Transmission Towers, Switchyard, Transformers, STATCOM) | Yes | Yes |
| Automation & Programming | Yes | No |
| Installation and construction of the EAF | Yes | No |

*An Australian entity is an entity with an ABN or ACN

Project standards:

Australian

Supplier information and communication

Project proponent's contact person for supplier enquiries:

Contact person name Colby Krawczyk
Contact person position Capital Procurement Manager
Phone number 0429626383
E-mail colby.krawczyk@onesteelmanufacturing.com.au

Project proponent website: <https://onesteelmanufacturing.com.au/>

Project opportunities website:

<https://onesteelmanufacturing.com.au/>

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Conduct supplier information briefings on project opportunities and bid processes
- Develop and distribute a supplier information guide for the project
- Directly contact suppliers with information on project opportunities and bid processes

Building Australian industry capability

Supplier capability development actions:

- Provide market intelligence to suppliers
- Encourage joint ventures and alliances between suppliers

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Provide references for high performing suppliers

Feedback:

The project proponent will ensure that its procurement entities offer, and if requested, provide feedback to Australian entities whose bids to supply key goods or services for the project have not been successful. Feedback will include recommendations about any relevant training, skills capability and capacity development.