



Australian Government

Australian Industry
Participation Authority

Australian Jobs Act 2013

AIP Plan reference code: TC49VJCT

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: SOLINDO PTY LTD

Project details

Name: HPA First Project Stage 2

Location: Gladstone, QLD

Type: Other productive facility

Purpose: Establish new facility

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

Description: HPA First Project Stage 2 (the Project) is the execution phase to build Australia's first large-scale, ultra-high-purity alumina (HPA) refinery. Strategic Location and Sustainable Operations: Located beside Alpha's HPA First Stage 1 Precursor Production Facility (PPF) in Gladstone, QLD, the Project will produce commercial volumes of HPA and related premium HPA based products. The facility will implement Alpha's proprietary solvent extraction (SX) and refining Intellectual property technology (Alpha IP), which has been developed in QLD, and owned by Australia. The innovative refining process enables near-zero waste, nearly 100% reagent recycling, and will utilize 100% renewable energy for operations, that achieves a 70% reduction in carbon emissions compared to traditional HPA refining methods.

Integrated Project Delivery: Building on the PPF learnings and experience, Alpha is self-performing and executing the Project through an Integrated Owners Team (IOT). The IOT is responsible for the overall delivery of the Project, overseeing all aspects from detailed engineering, procurement, construction, commissioning, and handover to Alpha HPA's Operations team. Leveraging on Existing Capabilities and Partnerships: Resulting from successful development of Alpha's IP and refining process in the PPF, to de-risk the Project the IOT pre-selected and its engineering service provider and specific equipment suppliers based on known capabilities and compatibility with existing infrastructure to ensure HPA purity. Leveraging on the experience and capability of Alpha's existing partners was critical to the Definitive Feasibility Study and Investment Decision. Opportunities for Australian Suppliers: Significant opportunities for Australian suppliers to participate in the Project exist. Project Schedule Financial Investment Decision - 20 May 2024

Completion date: 15 Sep 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
Civil Works	Yes	No	
Ergon Power Supply	Yes	No	
Process and Electrical & Design Services	Yes	No	
Cranage	Yes	No	
Site Security	Yes	No	
Piling	Yes	No	
Gas Tie In Works	Yes	No	
Scaffolding	Yes	No	
Commissioning & Equipment Spares	Yes	Yes	
Commissioning & Vendor Support	Yes	Yes	
Electrical Works	Yes	No	
Ammonium Nitrate Plant	Yes	Yes	
Microniser	Yes	Yes	
Pressure Filter	Yes	Yes	
Fire Water Pumps	Yes	Yes	
Absorber & Dryer	Yes	Yes	
Tanks	Yes	Yes	
Carbon Columns	Yes	Yes	
Centrifuge	Yes	Yes	
Fire System Component Supply	Yes	Yes	
Non-Process Buildings	Yes	No	
Belt Conveyors & Precursor Handling System	Yes	Yes	
Control Systems Software	Yes	Yes	
Control and Actuated Valves	Yes	Yes	
Control Systems Hardware	Yes	Yes	
Instruments & Valves	Yes	Yes	
Solvent Extraction Process Package	Yes	Yes	
Jet Milling Air Compressors	Yes	Yes	
66/11kV Transformer & Switchgear	Yes	No	
Power Generators	Yes	Yes	
Electrical Cable Supply	Yes	No	
Structural, Mechanical & Piping Installation	Yes	Yes	
Electrical Instrumentation & Control systems Installation	Yes	No	
Site Establishment & Earthworks	Yes	No	
Transportable switch room & Motor Control Center	Yes	Yes	
Rotary Dryer & Calcinier	Yes	Yes	
Process, Electrical and Instrumentation Engineering and Design Services	Yes	No	

* 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 Tom Roberts
Contact person position Corporate Contracts Manager
Phone number 0737090900
E-mail troberts@alphahpa.com.au

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

Project opportunities website:

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

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- Issue media releases or ASX announcements on project developments and opportunities
- 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
- Support supplier development initiatives of industry associations or governments

Global supply chain integration actions:

- Provide references for high performing suppliers
- Introduce suppliers (where requested) to form onshore alliances with Australian suppliers and encourage engagement with industry associations.

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.

Australian Industry Participation Plan Summary - Operations Phase

Nominated facility operator: SOLINDO PTY LTD

Facility details

Name: HPA First Project Stage 2

Location: Gladstone, QLD

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
Supply of equipment including: 1. High Density Polyethylene Tanks	Yes	No	
Plumbing and Buidling services	Yes	No	
Supply of control valves	Yes	Yes	
Liquid Sampling Systems	Yes	Yes	
OHSE Supplies including Safey Showers	Yes	No	
Security Systems	Yes	No	
Fire System Designs and Controls	Yes	No	
Buildings - Wharehouse / Office buildings	Yes	No	
Skips and Generals Fabrication servcies	Yes	No	
Gas Supply	Yes	No	
Construction - Piling Servcies	Yes	No	
Temporary Site facilities (dismountable buildings)	Yes	No	
Electrical, Instrumentation and Controls installation services	Yes	No	
Civil and Concrete contracting services	Yes	No	

*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 Tom Roberts
Contact person position Corporate Contracts Manager
Phone number 0737090900
E-mail troberts@alphahpa.com.au

Facility operator website: <https://alphahpa.com.au/>

Facility opportunities website: Gateway by ICN - <https://alphahpa.icn.org.au>

Supplier engagement and communication actions :

- Engage with vendor identification agencies on project opportunities and bid processes
- Conduct supplier information briefings on project opportunities and bid processes
- Issue media releases or ASX announcements on project developments and opportunities
- 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
- Support supplier development initiatives of industry associations or governments

Global supply chain integration actions:

- Provide references for high performing suppliers
- Provide onsite or internal training or accreditation
- Introduce suppliers (where requested) to form onshore alliances with Australian suppliers and encourage engagement with industry associations.

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.