



## 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:** SOLQUARTZ PTY LTD

## Project details

Name: North Queensland Quartz Campus

Location: Bidwilli Road, Calcium QLD 4816

Type: Factory

Purpose: Establish new facility

Capital expenditure: \$2 billion - \$5 billion

Description: In Stage 1, the processing facility would convert Queensland-mined quartz into MG-Si through a smelting process. The silicon production process uses carbon reductant that can be imported low ash coal, imported biogenic charcoal or domestic bio-charcoal, preferably made at site from Queensland wood. Stage 1 of the Northern Quartz Campus includes development and operation of: · Biochar plant with production capacity of up to 30,000 tpa, using sustainably sourced plantation wood chips as biomass, transported to the site to create biochar for use in the agricultural sector and silicon production process · MG-Si Production Facility with capacity in the first stage of up to 50,000 tonnes per annum (tpa) of MG-Si. Stage 1 will start construction in 2027 and reach Commercial Operations in 2029. Proposed subsequent project stages will develop up to 100,000 tpa of additional MG-Si production capacity, and polysilicon manufacturing plants with production capacity of up to 2 x 50,000 tpa solar grade and 1 x 10,000 tpa electronic grade polysilicon. This will position North Queensland as integral to the global solar PV manufacturing supply chain.

Completion date: 31 Dec 2028

## 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
Bulk earthworks and site prep	Yes	No	
Silicon Furnace design, supply and installation	Yes	Yes	
Off gas treatment plant design, supply and installation	Yes	Yes	
Site facilities and non-electrical design, supply and installation	Yes	No	
Concrete, foundations and underground services	Yes	No	
Roads, buildings and non-process infrastructure	Yes	No	
Electrical installation	Yes	Yes	
Control systems and instrumentation	Yes	Yes	
Transformers and major equipment (OEM Supply)	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** Vignesh Bandi  
**Contact person position** Senior Vice President  
**Phone number** 0493218895  
**E-mail** vignesh.band@quinbrook.com

Project proponent website: <https://private-energypartnerscommunity.com.au/>

Project opportunities website:

<https://private-energypartnerscommunity.com.au/>

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- 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:

- Recommend suppliers undertake training and/or accreditation
- Encourage joint ventures and alliances between suppliers
- Support supplier development initiatives of industry associations or governments

### Global supply chain integration actions:

- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Support supplier export and global integration initiatives of industry associations or governments
- 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.

# Australian Industry Participation Plan Summary - Operations Phase

**Nominated facility operator:** SOLQUARTZ PTY LTD

## Facility details

Name: North Queensland Quartz Campus

Location: Bidwilli Road, Calcium QLD 4816

Type: Factory

## 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
Mechanical Maintenance Services	Yes	Yes	
Electrical & Instrumentation (E&I) Maintenance	Yes	Yes	
Refractory Maintenance	Yes	Yes	
Carbon Electrodes Consumables	No	Yes	No Australian supplier currently exists for this specialty product
Raw Materials Handling & Logistics	Yes	No	
Industrial Gases & Chemicals	Yes	Yes	
Site Services (Cleaning, Waste, Catering)	Yes	No	
Security Services	Yes	No	
Charcoal supply	Yes	Yes	
Low ash coal supply	Yes	Yes	
Quartz supply	Yes	Yes	
Electricity supply	Yes	No	
Water supply	Yes	No	
Timber supply	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** Vignesh Bandi  
**Contact person position** Senior Vice President  
**Phone number** 0493218895  
**E-mail** vignesh.band@quinbrook.com

Facility operator website: <https://private-energypartnerscommunity.com.au/>

Facility opportunities website:

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies on project opportunities and bid processes
- 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:

- Recommend suppliers undertake training and/or accreditation
- Encourage joint ventures and alliances between suppliers
- Support supplier development initiatives of industry associations or governments

Global supply chain integration actions:

- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- Support supplier export and global integration initiatives of industry associations or governments
- 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.