



Australian Jobs Act 2013

AIP Plan reference code: JYB565XF

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: Star of the South Wind Farm Pty Ltd as trustee for the Star of the South Trust

Project details

Name: Star of the South Offshore Wind Farm

Location: Off the south coast of Gippsland, Victoria

Type: Electricity facility

Purpose: Establish new facility

Capital expenditure: \$ 11,043,000,000

Description: The Star of the South (SOTS) is Australia's most advanced offshore wind Project, located approximately 10km off the south coast of Gippsland, Victoria (the Project). The Project is proposed to have an installed capacity of up to 2200MW and has the potential to power around 1.2 million homes. The aim of the Project is to supply renewable electricity to the National Electricity Market (NEM) to supplement Victorian and Australian energy supply, through the development of a large-scale offshore wind energy facility. The completed Project is comprised of the following main components: - Wind turbine generators, blades and towers mounted on large diameter steel foundations installed into the seabed. - Electrical Transformation substations mounted on steel jacket foundations installed into the seabed. - High and Medium voltage Subsea cables to collect and transmit the energy ashore. - Onshore transmission lines, electrical substations and grid connections located along the transmission route - Operations and maintenance facilities at existing ports and harbours. The delivery, installation, testing and commissioning of the Project is expected to be conducted in a single, continuous construction campaign. It is expected that onshore construction activities would be undertaken for around a two-year period and offshore construction activities over a four to five-year period. The life of the Project is indicatively between 30 years. During this period activities would include: - Operation and maintenance of on and offshore infrastructure - The use and maintenance of onshore buildings and plant - Ongoing environmental management and monitoring in accordance with relevant approval conditions. The Victorian Government created an Energy Innovation Fund to support the development of new energy technologies, and we received \$19.5 million as part of this program to help with pre-construction activities, which has been completed.

Completion date: 31 Dec 2033

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
Offshore Wind Turbine Generators	Yes	Yes	
Offshore Wind Turbine Blades	Yes	Yes	

Offshore Wind Turbine Towers	Yes	Yes
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Offshore Foundations - Monopile	No	Yes
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After extensive engagement with the Australian steel supply chain, Southerly Ten has confirmed that currently no supply capability exists within Australia due to the required plate thickness / mass combination not being present. Southerly Ten has engaged with several key steel fabricators and determined that suitable manufacturing capability does not currently exist. It should be recognised that the requirements of the Monopile manufacturing (both physical scale and volume) is such that an entirely new facility would need to be constructed to service the project. The private sector has not committed investment to a facility of this scale. Southerly Ten will continue to work closely with Australian industry and the global foundations supply chain, with the objective to encourage global entities to invest into Australian industry and to find solutions to increase the potential local content in this package.

Offshore Foundations - Transition Piece	Yes	Yes
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Offshore Foundations – Secondary components	Yes	Yes
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Offshore Substation Topsides	Yes	Yes
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Offshore Substation Jacket support structures	Yes	Yes
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Offshore Export Cables (High voltage)	Yes	Yes
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Offshore Array Cables (Medium voltage)	Yes	Yes
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Offshore Array Cable Terminations and Connections	Yes	Yes
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Offshore Array cable subsea crossings	Yes	Yes
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Offshore Cable Protection Systems	Yes	Yes
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Onshore Export Cables (High voltage)	Yes	Yes
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Onshore Substation High and Medium voltage electrical transformation equipment	Yes	Yes
LV, Comms, HVAC, Utility Systems, Fire & Safety	Yes	Yes
Onshore Grid Connection Point	Yes	No
Onshore and offshore Supervisory control and data acquisition (SCADA) system	Yes	Yes
Project management and engineering services	Yes	Yes
Transportation (from country of origin), Installation and Commissioning	Yes	Yes
Offshore site seabed preparation services	Yes	Yes
Offshore site survey and inspection services	Yes	Yes
Transportation and assembly of the Foundations	Yes	Yes
Secondary components Transportation and Installation of Offshore Substation support jacket & topsides	Yes	Yes
Transportation of High and Medium voltage equipment within Victoria	Yes	No

Transportation, Installation, Termination, Testing of Offshore Export Cables	Yes	Yes
Transportation, Installation, Termination, Testing of Offshore Array Cables	Yes	Yes
Transportation of Onshore Export Cables	Yes	Yes
In-Country transportation of Onshore Export Cables	Yes	No
Installation of Onshore Export Cables	Yes	Yes
Termination and Testing of the Onshore Export Cables	Yes	Yes
Electrical commissioning services and provision of Senior Authorised persons	Yes	Yes
Civil construction for onshore substations (roads/ground works, buildings, etc)	Yes	No
Bulk earthworks and land management along the onshore cable route	Yes	No
Cable land fall works including Directional Drilling	Yes	Yes
Building construction	Yes	No

Cranage and general onshore site support services	Yes	No
Construction harbour services	Yes	No
Offshore site Guard vessels	Yes	No
Offshore site marine control and coordination services	Yes	No
Marine safety training	Yes	No
Crew Transfer Vessels	Yes	Yes
Construction All Risk Project insurance	Yes	Yes
Marine logistics and support (fuelling, diving, marine intervention, etc)	Yes	No
Temporary power to Offshore Wind Turbine Generators prior to final commissioning	Yes	Yes

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

Project standards:

- Australian
- International
- Offshore Wind industry specific standards

Supplier information and communication

Project proponent's contact person for supplier enquiries:

Contact person name Paul Johnson
Contact person position Senior Manager, Regional Engagement
Phone number 0455194889
E-mail pjohanson@southerlyten.com.au

Project proponent website: <https://www.starofthesouth.com.au/>

Project opportunities website:

<https://gateway.icn.org.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
- 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:

- 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
- Support supplier development initiatives of industry associations or governments
- Provide onsite or internal training or accreditation
- Encourage Australian entities to undertake research and development and innovative activities

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- Facilitate strategic partnering and joint ventures between Australian and international suppliers
- 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: Star of the South Wind Farm Pty Ltd as trustee for the Star of the South Trust

Facility details

Name: Star of the South Offshore Wind Farm

Location: Off the south coast of Gippsland, Victoria

Type: Electricity 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
Marine and aviation fuel	Yes	No	
Main equipment key spares	Yes	Yes	
Sundry spares	Yes	Yes	
General consumables	Yes	No	
Service and maintenance of the Offshore Wind Turbine Generators	Yes	Yes	
Service and Maintenance of the Balance of Plant	Yes	Yes	
Land purchase / leasing for the operations base	Yes	No	
Project insurances	Yes	Yes	
Charter of Service Offshore Vessels and Crew Transfer Vessels	Yes	No	
Purchase / lease of operations port	Yes	No	
Helicopter charter services	Yes	No	

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Facility standards:

- Australian
- International
- Offshore wind industry specific standards

Supplier information and communication

Facility operator's contact person for supplier enquiries:

Contact person name Paul Johnson
Contact person position Senior Manager, Regional Engagement
Phone number 0455194889
E-mail pjohnson@southerlyten.com.au

Facility operator website: <https://www.starofthesouth.com.au/>

Facility opportunities website:

Supplier engagement and communication actions :

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- 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:

- 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
- Support supplier development initiatives of industry associations or governments
- Provide onsite or internal training or accreditation
- Encourage Australian entities to undertake research and development and innovative activities

Global supply chain integration actions:

- Introduce suppliers to global supply chain partners
- 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.