



Australian Industry
Participation Authority

Australian Jobs Act 2013

AIP Plan reference code:

Australian Industry Participation Plan Summary - Project Phase

Nominated project proponent: The Trustee for the NSW Electricity Networks Operations Trust

Project details

Name: Accelerated Synchronous Condensers

Location: Kemps Creek, Newcastle, Darlington Point, Wellington and Armidale

Type: Electricity facility

Purpose: Upgrade existing facility

Capital expenditure: \$500 million or more

Description: The Accelerated Synchronous Condensers (Syncons) Project will be split into two main components: Syncons Package: the design, supply, delivery (installation) and commissioning of syncons at five substations (Newcastle, Kemps Creek, Armidale, Wellington, Darlington Point). This will be undertaken by original equipment manufacturers (Suppliers) who will also provide long-term operational support and asset maintenance following Transgrid's energisation of the equipment. Associated Works Package: the associated works required to integrate the syncons into the five locations on the existing Transgrid substations, including Balance of Plant, earthworks foundations, other civils, HV and substation enabling works, site infrastructure, associated buildings and the installation of associated equipment (i.e., not syncons). This will be undertaken by Design and Construct (D&C) Contractors. Transgrid will be responsible for grid connection activities during commissioning. The anticipated timeline for the key project procurement processes are as follows: - Supply Contract RFT released in Feb 2025, with contract award in Q3 2025. - Supply Contract Long Term Services Agreement to be awarded Q1 2026. - D&C RFT released in May 2025, with contract award anticipated in Q1 2026. Construction works on the project is anticipated to commence in 2026, with installation at all 5 sites completed by Q1 2029. The project is aiming to be classified as a Priority Transmission Infrastructure Project (PTIP) and is required to proceed ahead of the Regulatory Investment Test for Transmission (RIT-T) process. As such, the Department of Climate Change, Energy, the Environment and Water (DCCEEW) have agreed to underwrite the costs of the project up until the regulatory determination by the Australian Energy Regulator (AER).

Completion date: 31 Jan 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
Synchronous Condensers Manufacture (awarded to GE Grid Australia)	Yes	Yes	
Substation Equipment including HV Plant	Yes	Yes	
LV Cable	Yes	Yes	
Accommodation	Yes	No	
Catering / Food Supplies	Yes	No	
Civil, Building Construction & Substation Upgrade works	Yes	Yes	
Design and Engineering services	Yes	Yes	
Fencing	Yes	Yes	
Insurance	Yes	Yes	
Travel (domestic / regional)	Yes	No	
Various specialist consultancy services including environmental, geotech, noise	Yes	Yes	
Haulage	Yes	Yes	
Gantry Cranes	Yes	Yes	
Clearing works or access track construction / upgrade	Yes	Yes	
Cleaning of facilities	Yes	No	
Vehicle & Plant Hire	Yes	Yes	
Quarry Products	Yes	Yes	
Steel Supply - including Fabricated Structures & Galvanising	Yes	Yes	
Copper Earthing materials	Yes	Yes	
Aluminium Solid Busbar Fabrication & Supply	Yes	Yes	
Conductor	Yes	Yes	
Fuel and Oil Supply (Diesel, Petrol, Lubricants)	Yes	No	
Insulator supply	Yes	Yes	
Line Hardware / HV Fittings supply	Yes	Yes	
Plant and Equipment Maintenance	Yes	Yes	
Security Services	Yes	No	
Traffic Management	Yes	No	
Trades / Skilled Labour	Yes	Yes	
Vegetation Management	Yes	Yes	
Waste Management (specialised)	Yes	No	
Synchronous Condensers Installation	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 Katherine Cai
Contact person position Contract Administrator
Phone number 0428072014
E-mail katherine.cai@transgrid.com.au

Project proponent website: <https://www.transgrid.com.au/projects-innovation/meeting-system-strength-requirements-in-nsw/>

Project opportunities website:

<https://icn.org.au/>

<https://supplynation.org.au/>

Supplier engagement and communication actions :

- Promote project opportunities through industry associations
- Engage with vendor identification agencies 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
- Provide onsite or internal training or accreditation

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.