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## **PUBLIC AIC PLAN**

### **Company Details**

Company Name: CEA Technologies Pty Limited  
Location: 59-65 Gladstone Street, Fyshwick, ACT  
Website Address: [www.cea.com.au](http://www.cea.com.au)

### **Executive Summary**

CEA Technologies is an Australian designer and manufacturer of sovereign advanced phased array radars. The Commonwealth of Australia, acting through the Capability Acquisition and Sustainment Group (CASG), has entered into a long-term, strategic contract with CEA Technologies (known as the 'Head Agreement'), to facilitate the acquisition of CEA's products on an agreed set of terms and conditions.

To support the AIR6500 Tranche 1 Ground-Based Sensor Remediation Project, CEA Technologies will build four mobile radar systems. These radars will be supplied to the Commonwealth under the Head Agreement, for use by the Royal Australian Air Force. CEA Technologies has both a preference and a commitment to maximising the involvement of Australian industry in its supply chain. The majority of the work involved in supplying the four radars for the AIR6500 Tranche 1 project will be undertaken in Australia, primarily in-house by CEA Technologies. This includes the majority of electronic system manufacturing, which will be conducted at CEA Technologies' Canberra headquarters.

CEA Technologies also engages Australian industry for most sub-system manufacturing tasks. This includes all metal fabrication, along with the build of all thermal management systems, electronic power supplies and power generation and conversion systems. A significant portion of electronic component supply is also undertaken in Australia.

Reflecting the commitment by CEA Technologies to Australian industry, the radar systems built for the AIR6500 Tranche 1 Project will include more than 75% local content by value.

As a further consequence of this commitment, Australian industry will undertake work that relates to at least four Sovereign Industrial Capability Priorities under the 2018 Defence Industrial Capability Plan, including:

- Enhanced active phased array and passive radar;
- Advanced signal processing capability;
- Surveillance and intelligence data collection; and
- Test, evaluation, certification and systems assurance.

The contract details for the AIR6500 Tranche 1 Ground Based Sensor Remediation project are outlined below.

Contract	Effective	Total Contract Value	Total Australian Contract Expenditure	Total LIA Value	Scope of Work	Duration (years)
AIR6500 Tranche 1	November 2021	\$92,385,770	\$69,773,898	\$25,392,555	Provide four mobile radar systems including spares	4 years

### **Scope of Work Opportunities**

As a direct supplier to the Australian Department of Defence, CEA Technologies understands the benefits of a robust and capable Australian defence industry. Among other things, the ability to rely on Australian industry permits a significant degree of supply chain flexibility, while also providing a strong foundation for ensuring manufacturing quality. As such, CEA Technologies prefers to engage Australian industry in its supply chain wherever possible.

In some instances, however, CEA Technologies cannot source important items for its radar systems from Australian industry. At the time of preparing this Public Australian Industry Capability Plan, CEA Technologies sources the following items from overseas:

- Complex high-density multi-layer printed circuit boards;
- Radio frequency power amplifiers;
- Electromechanical rotary joints; and
- Certain specialist electronic components, and in particular radio frequency components.

CEA Technologies currently procures these items from North America and Europe as there are no known existing production capabilities in Australia.

Beyond AIR6500 Tranche 1, CEA Technologies anticipates contributing to a series of future Australian Department of Defence programs, including the SEA5000 Hunter Class 'future frigate' program. The involvement by CEA Technologies in this and other future programs may lead to further opportunities for Australian industry to become part of our supply chain. In particular, CEA Technologies would welcome proposals by Australian industry to manufacture the items listed above.

**Future Opportunities / Industry Engagement**

CEA Technologies invites Australian industry participants who are or may be in a position to supply the types of components set out above to seek further information on our Australian industry program and potential supply opportunities.

Please contact CEA Technologies today.

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Authorised for and on behalf of CEA Technologies Pty Limited.  
Mark Foster  
Chief Executive Officer  
12 November 2021