

55 Gladstone Street  
PO Box 1095  
FYSHWICK ACT 2609  
AUSTRALIA

**Website:** [www.cea.com.au](http://www.cea.com.au)  
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**Technologies Pty Limited**  
ACN 059 951 183  
ABN 99 059 951 183

**Domestic Callers**

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## **A1. PUBLIC AIC PLAN**

### **A1.1. COMPANY DETAILS**

Company Name: CEA Technologies Pty Limited

Location: 55 Gladstone Street, Fyshwick, ACT

Website Address: [www.cea.com.au](http://www.cea.com.au)

### **A1.2. EXECUTIVE SUMMARY**

- A1.2.1. The Commonwealth of Australia has engaged CEA Technologies Pty Limited (CEA) under Official Order 013: CASG/JSD/097/2017 (the Contract) to fulfil the target acquisition and integration requirements of Army's Joint Fires projects under LAND 8113 Ph2 – Multi Mission Phased Array Radar (MMPAR) Project. This public AIC Plan outlines details of CEA's scope of work and the associated development of Australian Industry Capability (AIC) in delivering the required capability to the Commonwealth.
- A1.2.2. The system solution is to build upon the common baseline operational sensor platform; CEA Operation Sensor System (CEAOPS) introduced into service under Land 19 Phase 7B and will collaborate with the Multi-Domain Strike and Integrated Air and Missile Defence programs to develop a future Joint integration solution. The MMPAR capability is essential in providing targeting of the Army indirect fires system through the generation of timely Point of Origin and Point of Impact data for ballistic Rocket, Artillery and Mortar threats with sufficient accuracy to enable Counter Battery Fires. The MMPAR Project is to deliver the MMPAR Mission System, building upon a common baseline sensor platform being introduced by LAND 19 Phase 7B.
- A1.2.3. The scope of work will be conducted by Australian industry, with most of this being undertaken by CEA Technologies, in-house, as an Australian Government Business Enterprise. CEA maintains a workforce of 700+ personnel to support sustainable and ongoing capability delivery.
- A1.2.4. The work will be conducted at CEA Technologies' Canberra headquarters. CEA Technologies engages local Australian industry for elements of the scope of work — such as metal work fabrication, electronic component supply, thermal management systems, electronic power supplies and power generation and conversion systems on a preferred supplier basis.
- A1.2.5. CEA Technologies signed the Contract with the Commonwealth in February 2025 with a total value of \$270,051,997.78 (GST exclusive). The prescribed ACE percentage of this amount is 65%. The MMPAR project is expected to be completed in 4 years and 7 months, with a Final Acceptance date forecast for September 2029.

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- A1.2.6. The Sovereign Defence Industrial Priorities (SDIPs) and associated Detailed SDIPs applicable to the Contract are (in no particular order):
- a. SDIP 6 - Integration and enhancement of battlespace awareness and management systems; specifically the Detailed SDIPs for:
    - i. sensors;
    - ii. integration; and
    - iii. software-based enhancements.
- A1.2.7. CEA exemplifies AIC in relation to this SDIP, and the ongoing achievement of AIC objectives will be satisfied because of CEA's contribution to the MMPAR project. More broadly, Australian industry will contribute to the Government's SDIPs by supplying components, assemblies and subsystems for the equipment to be delivered by CEA.
- A1.2.8. Through the Contract, CEA will contribute to the Australian Industry Activities (AIAs) applicable to the contract as follows:
- a. AIA #1 – Development and Manufacture of the MMPAR Mission System.
- A1.2.9. CEA will undertake the following broadly classified activities to achieve AIA #1:
- a. Mechanical fabrication,
  - b. Chemical conversion and surface treatment,
  - c. Printed circuit card assembly,
  - d. Manufacture of cooling systems,
  - e. Manufacture of custom generators, and
  - f. Manufacture of composite assemblies.

**A1.3. SUBCONTRACTED WORK**

- A1.3.1. Although CEA does not have any subcontractors required to conduct the scope of work, the below table provides an overview of Australian Suppliers that CEA Technologies has engaged contributing to the objectives of the MMPAR project:

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**Table 2 - Australian Industry Capability Activities**

*NB: CEA considers the entities in the below Table to be 100% ACE.*

Australian Entity Name	ACN/NZCN (if applicable)	Scope of Work to be conducted in Australia or New Zealand by each Australian Entity	Location (including Postcode)	SME Y/N	Indigenous Enterprise Y/N	Veterans Y/N
CEA Technologies Pty Limited	ABN 99 059 951 183 ACN 059 951 183	CEA will develop, manufacture and support advanced active Phased Array Radar (PAR) systems, which provide capability that is specifically identified as a SICP. CEA is central to this capability.	ACT, Fyshwick, 2609	N	N	N

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Rosebank Engineering Pty Ltd	ABN 37 005 285 101 ACN 005 285 101	This entity will provide chemical conversion and surface treatment for all supplied mechanical assemblies.	SA, Wingfield, 5013	N	N	N
Electromold Australia	ABN 47 004 327 342 ACN 004 327 342	This entity will provide chemical conversion and surface treatment for all supplied mechanical assemblies.	VIC, Thomastown, 3074	N	N	N
Puzzle Precision Pty Ltd	ABN 84 166 982 912 ACN 166 982 912	This entity will supplement CEAs in-house capacity to assemble PCBs and electronic components to provide printed circuit assemblies.	NSW, Cardiff, 2285	Y	N	N
Lintek Pty Ltd	ABN 74 008 567 020 ACN 008 567 020	This entity will manufacture bare PCBs to CEA specifications and design.	ACT, Queanbeyan, 2620	Y	N	N

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Mincham Aviation	ABN 60 113 120 040 ACN 113 120 040	This entity will manufacture radomes and other composite material assemblies to CEA designs and specifications.	SA, Parafield Airport, 5106	Y	N	Y
Littville P/L T/A Laserchill	ABN 41 060 810 246 ACN 060 810 246	This entity will provide cooling systems, and in particular specialist application refrigeration and air conditioning systems required to dissipate the heat generated through system operation, so that the delivered systems are capable of fully self-contained operation.	VIC, Carrum Downs, 3201	Y	N	N
Power Systems Australia	ABN 87 616 993 885 ACN 616 993 885	This entity will manufacture, assemble and integrate custom generator systems to CEA designs and specifications, so that the delivered systems are capable of fully self-contained operation.	VIC, Laverton North, 3026	Y	N	N
DVR Engineering	ABN 39 007 128 798 ACN 007 128 798	This entity will provide some mechanical structures and assemblies to CEA designs and specifications.	VIC, Coolaroo, 3048	Y	N	N

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#### **A1.4. CREATION, ENHANCEMENT AND MAINTENANCE OF AUSTRALIAN INDUSTRY CAPABILITIES**

- A1.4.1. CEA has a commitment to utilise Australian Defence Industry where possible to progressively grow and sustain its supply chain as an input to CEA's capability. The execution of the MMPAR Project will ensure the sustainment of existing jobs throughout CEA's network. The foundation in which CEA engages with industry stems from the existing core capabilities of industry, rather than engaging with industry to develop the initial capability. CEA aims to maintain and enhance the existing knowledge and skills within its supply chain.
- A1.4.2. A suppliers' investment towards new technology, equipment, tools, techniques and training enhances knowledge and skills, and supplier's capability, capacity and efficiency. To an extent, this enables CEA to increase capacity or consider advanced and more complex designs because the supply chain has the capability, skill and knowledge to support. This collectively develops both CEA and its supply chain.
- A1.4.3. CEA designs, produces and commissions unique and complex systems. The nature of this activity also enhances the knowledge and skills of industry through exposure to unique component manufacture. Suppliers collaborate with CEA on design, which remains with CEA and is not transferred, in the context of manufacturability and design for manufacture. CEA promotes continual improvement that can be achieved by driving adjustments to the design to improve manufacturing or for a supplier to reconsider the techniques or adjust the techniques used during the manufacturing process. This increases the experience of the supplier, enhances the knowledge and skill of the supplier's workforce, and increases the supplier's competitive advantage.
- A1.4.4. More broadly, CEA is committed to developing and enhancing Australians' skills and capabilities in engineering, and to a lesser extent manufacturing through these programs:
- a. a. secondments of Defence personnel to the Engineering Department;
  - b. work experience for engineering university students;
  - c. work experience for Canberra Institute of Technology students in manufacturing; and
  - d. apprenticeships in mechanical manufacturing including indigenous apprenticeships.

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- A1.4.5. These programs are implemented by engaging with a network of education providers and relevant Government agencies.

## **A1.5. FUTURE WORK OPPORTUNITIES**

- A1.5.1. CEA is fully committed to maximising opportunities for Australian industry both under the Contract and more generally. In designing, developing and manufacturing Supplies – whether for Defence or for export – CEA’s commitment to Australian industry is demonstrated by an overarching business philosophy:
- a. CEA maintains responsibility for all significant design activities, which are performed at its Fyshwick and Adelaide facilities in finalising system design;
  - b. CEA maintains responsibility for all significant project management and purchasing activities, which are performed at its Fyshwick facility;
  - c. CEA maintains responsibility for a large and increasing proportion of heavy manufacturing and metal fabrication activities, which are performed at its Melbourne facility;
  - d. CEA maintains responsibility for significant advanced manufacturing, assembly, integration and test activities, which are performed at its Fyshwick facility;
  - e. CEA is committed to engaging existing Australian industry partners to supply components, subsystems, and assemblies; and
  - f. CEA is committed to identifying and pursuing opportunities for new Australian suppliers to contribute to its overarching work program.

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- A1.5.2. Due to the nature of the technology involved, some components of CEA systems cannot be procured locally. These include advanced semiconductor components including, but not limited to, microprocessors, power amplifiers and integrated circuits.
- A1.5.3. Given the limited number of semiconductor component fabrication facilities capable of producing these required components, CEA sources these products from global manufactures external to Australia. CEA would consider the inclusion of suitable semiconductor components produced in Australia if they were available. With the recent completion of expanded manufacturing space within the CEA Fyshwick Campus, CEA is expanding its capabilities and it may be commercially feasible for CEA to transition aspects of this capability to Australian Industry during the MMPAR contract.
- A1.5.4. The reason this may become possible is that, to date, local manufacturing of these particular semiconductor components has not been sustainable as the demand is low and the market is not mature. CEA has reached out to local industries to ascertain if the supply and manufacturing of these components can be done locally as a future opportunity. This initiative will require much bigger investment than just the MMPAR project, and may prove possible as other CEA projects come online domestically and internationally.

## **A1.6. MARKET ENGAGEMENT**

- A1.6.1. CEA actively seeks to engage and evaluate additional companies as key suppliers. The following approaches are utilised and will continue to guide the identification of potential Australian suppliers:
- a. online research;
  - b. local business directories;
  - c. marketing materials and industry outreach;
  - d. participation in trade shows and conferences; and
  - e. direct engagement initiated by suppliers.



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- A1.6.2. Once potential suppliers are identified, CEA implements a structured supplier evaluation process at the organisational level, rather than a project-specific level, in line with internal procedures.
- A1.6.3. CEA remains committed to strengthening Australia's defence industry capabilities, ensuring supply chain resilience, and fostering sustainable industry growth through proactive market engagement and supplier development.
- A1.6.4. CEA invites Australian industry participants who are in a position to supply the types of components set out above to contact CEA Technologies for further information on the program and potential supply opportunities.
- A1.6.5. Please contact CEA Technologies via the below:
- Contact:** Mr Andrew Kinninmont – Supply Manager
- Email:** [aicopportunities@cea.com.au](mailto:aicopportunities@cea.com.au)
- Phone:** (02) 6213 0000 (switch)
- A1.6.6. Authorised for and on behalf of CEA Technologies Pty Limited



Mark Foster  
Chief Executive Officer

March 2025