Company Details

Company Name: CEA Technologies Pty Limited
Location: 59 – 65 Gladstone Street, Fyshwick, ACT
Website Address: www.cea.com.au

Executive Summary:

CEA Technologies Pty Limited is a Canberra-based company whose world leading technology CEAFAR radar is being fitted to the ANZAC Class Frigates of the Royal Australian Navy as part of the ANZAC Class Anti-Ship Missile Defence Upgrades project.

The Commonwealth of Australia, acting through the Defence Materiel Organisation has entered a Standing Offer Deed, with CEA Technologies setting out the terms and conditions for the development of a High Power Phased Array Radar concept demonstrator. The current status of the Standing Offer Deed is as follows:

- Official Order 1, valued at approximately $7 million, was entered into with the Commonwealth on 30 October 2013 for the duration of approximately seven months;
- Official Order 2, valued at approximately $13 million, was entered into with the Commonwealth on 21 May 2014 for the duration of approximately nine months;
- Official order 3, valued at $116,211, was entered into with the Commonwealth on 30 April 2014 for the duration of approximately three months;
- Official Order 4, valued at $99,500, was entered into with the Commonwealth on the 3 June 2014 for the duration of approximately four months; and
- Official Order 5, valued at approximately $1 million, was entered into with the Commonwealth on 24 October 2014 for the duration of approximately eight months.

The total value of orders under this Standing Offer is now approximately $21 million.

These orders continue the development of a demonstrator based on CEA Technologies' proprietary CEAFAR radar technology which could be used to support future naval acquisitions such as the Royal Australian Navy’s Future Frigates through Project SEA 5000.

The CEAFAR radar is a focus of the Phased Array Radar element of the High Frequency and Phased Array Radar Priority Industry Capability and the development of a High Power Phased Array Radar based on the CEAFAR radar system will build on the substantial investment made by the Australian Government and CEA Technologies in radar-related industrial research and development.

CEA has been contracted by the Commonwealth to undertake the design, development and demonstration of High Powered Phased Array Radar technology including the development of support and analysis tools.

Approximately 90% of the scope of work will be conducted by Australian industry with approximately 90% of this being undertaken by CEA Technologies, in-house, as a majority owned Australian company. This work will be conducted at CEA Technologies’ Canberra headquarters.

CEA Technologies engages local Australian industry for non-research and development attributes.
of the scope of work, such as metal work fabrication and electronic component supply, on a preferred supplier basis.

**Scope of Work Opportunities:**

Since Australian industry has already competitively engaged to contribute to non-core business attributes of the program such as metal work fabrication and electronic component supply, there is limited opportunity for emerging producers of the following currently foreign sourced items:

- Complex high density multi-layer printed circuit boards,
- RF Power Amplifiers, and
- Specialist electronic components in particular RF components.

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

**Future Opportunities / Industry Engagement:**

CEA Technologies 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.

Please contact CEA via the following mechanisms:

- [cea@cea.com.au](mailto:cea@cea.com.au);
- Mr. Mark Foster, Director of Business Development;
- (02) 6213 0001.

Mervyn Davis  
Chief Executive Officer