



Hunter Class Frigate Program

Armoured Windows

Expression of Interest

BAE SYSTEMS

Maritime Australia

Acronyms and Definitions

Abbreviation	Definition
AIC	Australian Industry Capability
ASCS	ASC Shipbuilding
AUD	Australian Dollars
BAE	BAE Systems Australia Limited
EMC	Electromagnetic Capability
EOI	Expressions Of Interest
GCS-A	Global Combat Ship-Australia
HCFP	Hunter Class Frigate Program
NATA	National Association of Testing Authorities
OQE	Objective Quality Evidence
RAN	Royal Australian Navy
RAP	Reconciliation Action Plan
T26	British Type 26 Global Combat Ship

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1. INTRODUCTION

BAE Systems Maritime Australia is seeking Expressions of Interest (EOI) to design and manufacture armoured windows for the Hunter Class Frigate Program (HCFP).

BAE Systems Maritime Australia has been down selected to design and build nine future frigates for the Royal Australian Navy (RAN). The BAE Systems Future Frigate offering, also known as the Hunter Class GCS-A (Global Combat Ship – Australia), is a variant of the British Type 26 GCS (T26).

The Hunter Class Frigates will be built at the BAE Systems Maritime Australia Facility in Osborne, South Australia. The program requires maximisation of Australian content.

Cut Steel for First of Class is planned for December 2022. This EOI is for the design and manufacture of armoured windows. A Request for Tender (RFT) may be sent to down selected parties that have expressed interest closer to this time.

2. SCOPE

The purpose of the EOI is to establish the feasibility of prospective industrial partners to design, manufacture and supply armoured windows to BAE Systems Maritime Australia for the HCFP.

The Hunter Class Program will require maximisation of local content in Australia.

3. EQUIPMENT SCOPE OF SUPPLY

- The ship's windows are a product of glass and metal construction inserted and sealed into the ships structure to provide a means of observation.
- The windows shall be type approved and constructed in accordance with Lloyds Naval Ship Rules. Each window shall be supplied with a Lloyds Register Type Approved Certificate consistent with its' respective purpose.
- Whilst compartments require to remain functional and fit for purpose all fixtures and fittings within weather decks shall be kept to a minimum and be manufactured from materials with proven corrosion resistance.
- All external equipment required to be fitted directly on to the ships structure shall include cable penetration access directly into the equipment. The solution is to have a suitable bulkhead gland integrated into the equipment.
- The Contractor shall specify and supply the window sealing compound to meet EMC requirements.
- The equipment shall have no sharp edges.
- Ballistic protection is required against the relevant NATO Standardisation Agreement.
- Approximately 17 windows require ballistic protection.

4. PRE-QUALIFICATION QUESTIONNAIRE (GENERIC)

1. Are you an Australian registered company? Provide ABN details.
2. Does your website provide a detailed description of your Company's capability? If yes then provide the appropriate link. If no, provide capability statement.
3. Are you an Indigenous company and registered with Supply Nation? If yes, provide a link to your profile on the Supply Nation Website or other supporting evidence.
4. Do you have a Reconciliation Action Plan (RAP) in place? If yes, please provide evidence.
5. How many Indigenous/Aboriginal/Torres Strait Islanders are employed within your organisation? Stipulate whether the employees are Full Time or Part Time.
6. Do you hold Defence Industry Security Program (DISP) Membership? If so, please state what membership level you hold.
Refer to the [DISP Webpage](#) on information regarding DISP Membership and how to apply.
7. Provide details of the company's management organisation structure and full time headcount.
8. State your Professional Indemnity, Product and Public Liability and Work Cover Insurance coverage.
9. Please state and provide evidence of the relevant certifications and accreditations held.
10. On Time Delivery – Are you able to consistently provide on time guarantee service to agreed time frames? How do you self evaluate and analyse your performance? Provide examples.

5. PRE-QUALIFICATION QUESTIONNAIRE (SPECIFIC TO THE REQUIREMENTS)

1. Provide details including value and location of previous relevant defence, maritime or commercial projects in which your company has delivered equipment. Detail the type, value, quantity and specific requirements of the equipment supplied to each project.
2. Do you have capability to manufacture armoured windows locally in Australia? If yes, please provide examples of local content manufacture. If not, please provide country of origin and estimated percentage of Australian Industry Capability content.
3. Do you have the capability to manufacture in-house or will you need to subcontract portions of the work? If so, please provide details of your capability and on any outsourced components.
4. Please provide details of the typical quality and technical standards you design and manufacture in accordance with.

5. Have you had experience with providing LOAD or SHOCK Testing of materials or equipment certification? Please provide evidence.
6. Do you have experience in manufacturing windows to NATO Standardisation Agreements?
7. Do you have experience with providing ballistic testing of materials or equipment certification? Please provide evidence.
8. Do you have experience in using Lloyd's Registers Rules and Regulations for the classification of Naval Ships. If so, please provide evidence.
9. Do you have a clear understanding of the requirements for providing Objective Quality Evidence documentation? Please provide examples of experience.
10. Do you have IT competency to manage secure File Transfer Portal?
11. Please provide details and location of your warehousing capability.
12. Do you have experience with Vendor Managed Inventory (VMI)? Please provide evidence.
13. Provide details of how your company can support ASC Shipbuilding's commitment to support AIC. Detail if the labour to complete the SOW will be provided by Australian permanent residents.
14. Stipulate any further competitive discriminators currently not identified.

**Closing date for Expression of Interest:
Monday 15th March 2021**