

OFFICIAL



Hunter Class Frigate Program (HCFP) External Side Shell Doors (Torpedo Launch)

Expression of Interest: HCF20211196

BAE SYSTEMS

Maritime Australia

Acronyms and Definitions

Abbreviation	Definition
AIC	Australian Industry Capability
ASCS	ASC Shipbuilding
AUD	Australian Dollars
BAESMA	BAE Systems Maritime Australia
DIS	Distributed Interactive Simulation
EOI	Expressions Of Interest
GCS-A	Global Combat Ship-Australia
HCFP	Hunter Class Frigate Program
OQE	Objective Quality Evidence
RAN	Royal Australian Navy
RAP	Reconciliation Action Plan
RFT	Request for Tender
TEHD	Torpedo External Hull Door
T26	British Type 26 Global Combat Ship

Contents

1. INTRODUCTION	2
2. PURPOSE	2
3. SCOPE OF WORK	2
4. PRE-QUALIFICATION QUESTIONNAIRE	3
5. QUESTIONNAIRE ATTACHMENT SECTION	4
6. PRE-QUALIFICATION QUESTIONNAIRE	4

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1. INTRODUCTION

ASC Shipbuilding, trading as BAE Systems Maritime Australia (BAESMA) is seeking Expressions of Interest (EOI) to provide the Torpedo External Hull Door (TEHD) System 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 is committed to maximising opportunities for Australian industry through the Hunter program, which is the largest surface ship project in the nation's defence history.

2. PURPOSE

The purpose of the EOI is to establish the feasibility of prospective partners to supply and support the TEHD to BAE Systems Maritime Australia for the HCFP. The TEHD shall enable the vessel's Torpedo Launching System to fire through the door opening and when closed provides a watertight protective screen for the internal compartment. To ensure safe operation the TEHD will require interfaces with the Torpedo Launching System to ascertain the status of the door position. The TEHD will need to be robust, safe and meet military requirements. There will be a port and starboard Torpedo Launcher and hence the need for two sets of doors per vessel. A Request for Tender (RFT) may be sent to down selected parties that have expressed interest closer to this time.

3. SCOPE OF WORK

Each TEHD shipset is expected to consist of the following components and subsystems:

- Door and Door mechanisms;
- Power pack(s)
- Local Control station(s)
- Remote Control station
- Integration with Torpedo Launching System, Combat Management System and Platform Management System

The TEHD supplier shall perform all activities necessary to manage, design, develop, construct, integrate, test, deliver, install and obtain Certification and Acceptance of the Supplies by ASC Shipbuilding.

Earned Value Management reporting will be a key requirement for contractors to complete. A sound knowledge and understanding of this reporting mechanism is essential with the data to be provided by the contractor having a direct link into overall HCFP reports which will be issued to and reviewed by BAESMA's end customer.

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Contractors will be responsible for the creation and adherence to a detailed schedule which will be embedded as part of the overall HCFP schedule. The schedule will be tracked and provide confidence to BAESMA and the end customer that the contractor will meet its requirements for both material and labour to complete the work scope. The current plan is for the contractor to be responsible for storing all procured material offsite, delivering directly to the BAESMA yard or land based test site only when required under the agreed schedule.

BAESMA and the Commonwealth of Australia is committed to maximising Australian Industry Capability as part of the Project. The successful contractor will be required to provide a detailed plan for how they intend to support this requirement.

4. PRE-QUALIFICATION QUESTIONNAIRE

Prospective contractors wishing to submit a response to BAESMA's EOI are required to comply with the following to be considered compliant:

1. Does your website provide a detailed description of your Company's capability? If yes, then provide the appropriate link.
2. Are you an Australian registered company? If yes, provide ABN/ACN details.
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? Detail 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 and years held. If not, please refer to the [DISP Webpage](#) on information regarding DISP Membership and how to apply.
7. Please state and provide evidence of any relevant certifications and accreditations held, in particular IACS accreditations.
8. State your Professional Indemnity, Product and Public Liability and Work Cover Insurance coverage.
9. Provide details of the company's management organisation structure, as well as the number of full time (permanent) employees that your company currently employs. Detail should include a breakdown of the locations and qualifications of your workforce.
10. How many of these employees hold a current Australian security clearance, and to what level? Please specify details.

11. 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? Do you have data/reports you could provide examples of?

5. QUESTIONNAIRE ATTACHMENT SECTION

Attachments for this EOI are to be included in this section. Please use a Zip File. More than one is required to be uploaded in this section as per the EOI requirements. Naming convention for all attachments: *Company Name – Document Title as per list below.*

1. Which of the following evidence are you providing as part of this EOI?
 - Reconciliation Action Plan (RAP)
 - Latest Organisational chart/structure
 - Insurance Coverage
 - Certification and Accreditations
 - On time Delivery – Examples of data/reports

6. CAPABILITY QUESTIONNAIRE

EOI respondents are requested to submit a response document answering all questions detailed below. Supporting artefacts are permitted where applicable.

1. Provide an outline of prior experience in the design, development, construction, integration, testing, delivery, installation, and certification of an in-service system with comparable to the TEHD on naval platforms. Detail the type, value, quantity and specific requirements of the equipment supplied to each project.
2. Do you have capability to support the TEHD locally in Australia? If yes, please provide examples of local support. If not, please provide country of origin and estimated percentage of Australian Industry Capability content.
3. Describe at a high-level your approach to resolving combat system and platform integration issues, including resolving issues with respect to Space, Weight, and Power-Cooling (SWaP-C).
4. What level of support including for installation, training and/or operation would your TEHD require? Provide a Rough Order of Magnitude for these services.
5. Do you have a clear understanding of the requirements for providing ASDEFCON CDRL data items, ILS, and QQE documentation? Provide examples.
6. Please provide details on how your company maintains compliance with Export Control Regulations that may apply to your business. This may include, but is not limited to:
 - Australian Export Control laws and regulations
 - UK Export Control regulations
 - US International Traffic in Arms Regulations (ITAR)

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7. Do you have a clear understanding of the requirements for providing Objective Quality Evidence documentation? Please provide examples of experience.
8. Do you have IT competency to manage secure File Transfer Portal?
9. Provide details of how your company can support BAESMA's commitment to support AIC. Detail should include any areas of previous experience in similar work scopes, if labour to complete the Scope of Work will be provided by Australian permanent residents, and where you see potential to maximise AIC opportunities.
10. Stipulate any further competitive discriminators currently not identified including how your organisation would collaborate as a team sharing data, schedules and resources if required to ensure best for program outcomes are achieved.
11. Outline any experience in designing equipment for installation within an explosive atmosphere in accordance with AS/NZS 60079.
12. Provide acknowledgement in writing that the information contained in the EOI documentation is proprietary to BAESMA and is made available for the recipient on the express understanding that it is to be treated as confidential for information purposes only and that it may not be copied, used or disclosed to others in whole or in part for any purpose except as authorised in writing by BAESMA.
13. Review and confirm understanding of the requirements of the BAESMA Supplier Qualification Assurance manual available online via the following link: <https://www.baesystems.com/en-aus/our-company/about-us/our-suppliers> .
14. Suppliers will also be required to sign a HCFP Non-Disclosure Agreement (NDA) and a Confidentiality Deed Poll (CDP) in favour of the Commonwealth of Australia. BAESMA will contact EOI respondents to ensure these artefacts are in place prior to RFT release.

Closing date for Expression of Interest:
Friday 10 September 2021