

OFFICIAL



# Hunter Class Frigate Program (HCFP) Information Systems Racks

Expression of Interest: HCF20210043

**BAE SYSTEMS**

Maritime Australia

## Acronyms and Definitions

Abbreviation	Definition
<b>AIC</b>	Australian Industry Capability
<b>ASCS</b>	ASC Shipbuilding
<b>AUD</b>	Australian Dollars
<b>BAESMA</b>	BAE Systems Maritime Australia
<b>DIS</b>	Distributed Interactive Simulation
<b>EMC</b>	Electromagnetic Capability
<b>EOI</b>	Expressions Of Interest
<b>GCS-A</b>	Global Combat Ship-Australia
<b>HCFP</b>	Hunter Class Frigate Program
<b>LBTS</b>	Land Based Test Site
<b>NATA</b>	National Association of Testing Authorities
<b>OQE</b>	Objective Quality Evidence
<b>RAN</b>	Royal Australian Navy
<b>RAP</b>	Reconciliation Action Plan
<b>RFT</b>	Request for Tender
<b>T26</b>	British Type 26 Global Combat Ship

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## Maritime Australia

**1. INTRODUCTION**

ASC Shipbuilding, trading as BAE Systems Maritime Australia (BAESMA), is responsible for the design and build of nine Hunter class frigates for the Royal Australian Navy (RAN). The Hunter Class Frigate Program, is a variant of the British Type 26 GCS (T26), will transform Australia's shipbuilding industry by supporting the building of sovereign naval shipbuilding capability.

The frigates will be built at the Osborne Naval Shipyard precinct in South Australia by an Australian workforce and provide Australia with a world-class, sustainable shipbuilding capability. The highly capable and versatile multi-mission frigates will support anti-submarine warfare, air defence and general-purpose operations anywhere on the world's oceans.

The Hunter class frigate will be one of the most advanced digitally-designed, anti-submarine warships in the world, providing world-class capability to the Australian Navy.

BAE Systems Australia is committed to maximising opportunities for Australian industry through the Program.

**2. INVITATION TO SUBMIT A RESPONSE**

This Expressions of Interest (EOI) has been issued to enable ASC Shipbuilding to understand the capabilities and experience of potential providers of Information Systems Racks.

The requirements for submitting a response to this EOI are outlined in the Scope of Work below.

ASC Shipbuilding is not bound to accept any EOI nor is it obliged to offer the any subsequent work to any of the Respondents to this EOI.

Supply Nation registered or certified businesses or non-Indigenous businesses interested in partnering with First Nations businesses or people are strongly encouraged to express interest.

Without the express prior written consent of the ASC Shipbuilding, You must not re-produce, re-advertise and/or in any way use the contents of this Invitation either in whole or in part, other than for the purpose of preparing and lodging an Offer.

**3. PURPOSE**

The purpose of the EOI is to establish the feasibility of prospective partners to supply Information Systems Racks for use on the HCFP. The HCFP must provide Information Systems Racks to enable the rack-mount equipment to be hosted in a safe and secure manner.

The Information Systems Racks will need to be flexible in their capability to accommodate mixtures of equipment and mounting types to account for future changes in the equipment provision.

#### 4. SCOPE OF WORK

**Project Timeline:** the following timeframes are indicative only and are subject to change.

Activity	Completion
EOI - Release to market	21 September 2021
EOI - Closing date	5 October 2021
Proposal review and Responder shortlisting	5 November 2021
RFT – Release to the market	January/February 2022

#### 5. QUESTIONNAIRE ATTACHMENT SECTION

Attachments for this EOI are to be included in this section.

Please use a Zip File. More than one document 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.

Which of the following evidence are you providing as part of this EOI?

- Schedule A – EOI Response Schedule (Attached)
- HCFP Non-Disclosure Agreement (NDA) (Attached)
- Reconciliation Action Plan (RAP)
- Latest Organisational chart/structure
- On time Delivery – Examples of data/reports

#### 6. INFORMATION SYSTEMS RACKS REQUIREMENTS

##### 6.1 DESIRED SERVICES

The Information Systems Racks are expected to have the following components and capabilities:

- 6.1.1 It is anticipated that ten (Qty=10) 19" Information Systems Racks are required per ship, each capable of being shock mounted, for the hosting of Information Systems equipment. Two sets of three (Qty=3) racks shall be mounted together (side-by-side) and the other four (Qty=4) rack will be standalone.
- 6.1.2 Racks shall be capable of hosting 19" rack mounted equipment and shelves.

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- 6.1.3 Racks shall be capable of hosting a minimum of 500kg of equipment.
- 6.1.4 Racks shall be capable of hosting a minimum of 42U with a maximum external height of 2000mm.
- 6.1.5 Racks shall provide the installed equipment with physical protection from factors including vibration and shock. The equipment hosted within Information Systems Racks will be air-cooled.
- 6.1.6 Racks shall be rated as Security Construction and Equipment Committee (SCEC) approved Class B racks.
- 6.1.7 Racks shall have mounting interface dimensions for a standard rack as defined in ANSI/EIA 310-D.
- 6.1.8 Racks shall have solid rear and side panels, secured from the inside.
- 6.1.9 Racks shall have top cable entry and cable management options.
- 6.1.10 Internal design of racks (including (a) equipment layout, (b) cabling, (c) power distribution, (d) COG, (e) cooling etc.).
- 6.1.11 Qualification of racks (including (a) shock, (b) vibration and (c) EMSEC testing etc.).
- 6.1.12 Installation and connectivity of equipment within racks according to internal design.

## 6.2 EOI RESPONSE QUESTIONNAIRE

- 6.2.1 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.
- 6.2.2 Please state and provide evidence of any relevant certifications and accreditations held, in particular IACS accreditations.
- 6.2.3 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.
- 6.2.4 Do you have a Reconciliation Action Plan (RAP) in place? If yes, please provide evidence.
- 6.2.5 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.
- 6.2.6 How many of these employees hold a current Australian security clearance, and to what level? Please specify details.
- 6.2.7 On Time Delivery:
  - a. Are you able to consistently provide on time guarantee service to agreed time frames?
  - b. How do you self-evaluate and analyse your performance?
  - c. Do you have data/reports you could provide examples of?
- 6.2.8 Provide an outline of prior experience in the design, development, construction, integration, testing, delivery, installation, and certification of an in-service system on naval platforms. Detail the type, value, quantity and specific requirements of the equipment supplied to each project.
- 6.2.9 Do you have a clear understanding of the requirements for providing ASDEFCON CDRL data items, ILS, and OQE documentation? Provide examples.
- 6.2.10 Do you have a clear understanding of the requirements for providing Objective Quality Evidence documentation? Please provide examples of experience.
- 6.2.11 Do you have IT competency to manage secure File Transfer Portal?
- 6.2.12 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.

- 6.2.13 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.
- 6.2.14 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.
- 6.2.15 Suppliers will also be required to sign a HCFP Non-Disclosure Agreement (NDA).
- 6.2.16 Successful EOI responders might also be required to sign a Confidentiality Deed Poll (CDP) in favour of the Commonwealth of Australia. BAESMA will contact successful EOI respondents to ensure these artefacts are in place prior to RFT release.

Any previous experience where racks have been successfully utilised for naval combat systems integration will be favourably considered.

## 7. CONFIDENTIALITY

The information in this EOI and in subsequent correspondence is strictly confidential and must not be disclosed to any third party. All documents submitted by Respondents will become the property of BAE and will not be returned to the Respondent.

Media releases or public announcements must not be made without BAE's prior written approval.

## 8. NO LEGAL RELATIONSHIP

The Respondent also acknowledges that no contractual relationship will arise between BAE and any Respondent until a Contract is negotiated, signed and executed.

# Closing date for Expression of Interest:

**Tuesday 5 October 2021**