

Expression of Interest

First Fixing Systems

Hunter Class Frigate Program



Acronyms and Definitions

Abbreviation	Definition
AIC	Australian Industry Capability
ASCS	ASC Shipbuilding
AUD	Australian Dollars
BAE	BAE Systems Australia Limited
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

ASC Shipbuilding are seeking Expressions of Interest (EOI) to supply ships with First Fixing systems for the Hunter Class Frigate Program (HCFP).

ASC Shipbuilding has recently 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 ASC Shipbuilding Facility in Osborne, South Australia.

2. SCOPE

The purpose of the Capability Questionnaire is to establish the feasibility of prospective industrial partners to ASC Shipbuilding for the HCFP.

To provide a proprietary integrated first fix and channel support system complete with associated fittings. The system will include an integrated studding system which will interface with the First Fix Channel system, in order to provide a suitable platform for supporting deckhead, bulkhead and deck mounted routed systems and equipment.

The Hunter Class Program will require maximisation of local content in Australia. Suppliers will be required to supply First Fixing system consisting of Square channel (HDG coated and Stainless Steel options) – slotted with “toothed” non-slip edge., Brackets – 90 / 45 degree – both U-shaped and T-shaped and Connecting Nuts which are “toothed” to match channel.

* Supplier should have ability to modify standard parts to meet bespoke requirements.

Approx 16,000 mtrs of 41mm & 1,300 mtrs of 21mm **Channel** used per Ship

Approx 26K Angle **Brackets** used per Ship

Approx 70K Fixing **Nuts** used per Ship

3. MATERIALS

Components should be made from steel with suitable coatings to prevent corrosion throughout the design life of the Ship, 35 years

First Fixing components will be subject to shock testing and therefore the Supplier should clarify the percentage elongation to failure that the steel used can achieve as a percentage value.

Lloyds register of shipping will undertake a basic review of the first fixings systems to ensure the strength and fatigue resistance of the ship structure is not compromised by their design and/or intended ship location.



The Equipment shall not use any substances identified as Substances of Very High Concern (SVHCs) or candidate SVHCs in EC Regulation No 1907/2006 (REACH). The materials shall not contain ozone depleting substances listed in EC Regulation 2037/2000EC, as amended.

4. PRE-QUALIFICATION QUESTIONNAIRE (GENERIC)

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? Provide your ABN 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? Stipulate whether the employees are Full Time or Part Time.
6. Provide details of the company's management organisation structure and full time headcount.
7. State your Professional Indemnity, Product and Public Liability and Work Cover Insurance coverage.
8. Please state what quality certification and accreditations you hold? Please provide evidence.
9. Do you hold Defence Industry Security Program (DISP) Membership? If so, please state what membership level you hold.
Refer to the DISP Presentation on the [Hunter Class ICN Gateway](#) for information about DISP Membership and how to apply.
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? Do you have data / reports you could provide examples of?

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

1. Provide full details including value and location of previous major defence, maritime or commercial projects in which your company has delivered First Fix Items (assorted Channels, Brackets, Connecting Nuts)?
2. Do you have capability to manufacture First Fix Items 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.



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3. 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.
4. 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.
5. Do you have access / subscription to all Standards? (European, British and DEF Standards).
6. Advise what quality standards you currently manufacture to?
7. Have you got the capability of modifying standard parts to meet bespoke requirements?
8. Have you had experience with providing SHOCK Testing of materials or equipment certification? Please provide evidence.
9. Does your organisation have an understanding and ability to test in accordance with Lloyd's Registers rules for surface ships? If Yes then please elaborate.
10. Please provide details and location of your warehousing capability?
11. Stipulate any further competitive discriminators currently not identified.

Closing date for Expression of Interest:
28th September 2020

