



Expression of Interest

Stanchions and Guardrails – First of Class

Hunter Class Frigate Program

Acronyms and Definitions

Abbreviation	Definition
AIC	Australian Industry Capability
ASCS	ASC Shipbuilding
AUD	Australian Dollars
BAE	BAE Systems Australia Limited
DEF-STAN	UK Defence Standard
EOI	Expressions Of Interest
GCS-A	Global Combat Ship-Australia
GRP	Glass Reinforced Polymer
HCFP	Hunter Class Frigate Program
OQE	Objective Quality Evidence
RAN	Royal Australian Navy
RAP	Reconciliation Action Plan
RFT	Request for Tender
SOW	Statement of Work
T26	British Type 26 Global Combat Ship



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1. INTRODUCTION

ASC Shipbuilding are seeking Expressions of Interest (EOI) to supply Stanchions & Guardrails 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.

Cut Steel for Prototyping is planned for December 2020 and First of Class in December 2022. This EOI is for Stanchions and Guardrails to be supplied into First of Class and is not required until approximately Quarter 4 of 2024. A Request for Tender (RFT) will be sent to down-selected parties that have expressed interest closer to this time.

2. SCOPE

The purpose of the Capability Questionnaire is to establish the feasibility of prospective industrial partners to provide external Guardrails, Stanchions and Parafil Guardwires to ASC Shipbuilding for the Hunter Class Frigate Program (HCFP).

The HCFP requires maximisation of local content through promoting Australian Industry Capability (AIC). Suppliers will be required to supply Stanchions, Guardrails, Parafil Rope for Guardwires and all fixtures and fasteners. All parts are to be delivered to the shipyard at Osborne, South Australia.

3. MATERIALS

The Stanchions and Guardrails shall be constructed from Glass Reinforced Polymer (GRP) and attached using stainless steel fittings and fasteners. Carbon Fibre Composite structures are prohibited. Materials used in the Equipment shall meet the applicable requirements of international regulations and standards to which the Equipment has been designed.

4. REQUIREMENTS

The Stanchions and Guardrails are required to meet load and dynamic testing in accordance with DEF-STAN requirements and be of minimum practical weight without compromising their structural integrity or strength.

The equipment will be required to withstand external conditions including extreme maximum and minimum air temperatures, solar radiation, severe hail, rainfall, wind, ice and salt accretions. The equipment shall also withstand and operate without degradation during varying vibration levels and ship motions.



The guardrail and stanchions shall undergo shock testing and each length of Parafil Guardwire shall be tested (and permanently labelled) by tensioning to 726Kg as described in Section 1203 of DEF-STAN 02-162.

Each Parafil Guardwire shall be provided with a unique ID, to clearly identify its intended install location.

The GRP Stanchions and Guardrails finish shall be hard and durable and be able to withstand frequent use without damage.

The equipment's life expectancy shall be no less than 25 years.

5. PRE-QUALIFICATION QUESTIONNAIRE (GENERIC)

1. Does your website provide a detailed description of your Company's capability? If yes then please provide the appropriate link.
2. Are you an Australian registered company? Please provide your ABN details?
3. Are you an Indigenous company and registered with Supply Nation? If yes, please provide a link to your profile on the Supply Nation Website or other evidence.
4. Do you have a Reconciliation Action Plan (RAP) in place? If yes, please provide evidence.
5. Provide details on the number of Indigenous/Aboriginal/Torres Strait Islander employees within your organisation? Please stipulate whether 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. What quality certification and accreditations do you hold? Please provide evidence.
9. Do you hold Defence Industry Security Program (DISP) Membership? If so, please state what membership level you hold.
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?



6. 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 GRP Guardrails and Stanchions (or similar GRP products).
2. Do you have capability to manufacture GRP Stanchions and Guardrails 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. 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.
5. Do you have access / subscription to all British and DEF-STAN Standards?
6. Advise what quality standards you currently manufacture to?
7. Have you had experience with providing Load and Shock Testing of materials or equipment certification? If yes, provide evidence of both.
8. Please provide details and location of your warehousing capability?
9. Stipulate any further competitive discriminators currently not identified.

Closing date for Expression of Interest:
30th September 2020

