



Expression of Interest

Stern Tubes – 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
EOI	Expressions Of Interest
GCS-A	Global Combat Ship-Australia
HCFP	Hunter Class Frigate Program
LR	Lloyd's Representative
O/D	Outside Diameter
I/D	Inside Diameter
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 Stern Tubes 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 Stern Tubes to be supplied into First of Class and is not required until approximately Quarter 3 of 2023. 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 manufacture and supply Stern Tubes for the HCFP.

The HCFP will require maximisation of local content through promoting Australian Industry Capability. The scope consists of two symmetrically opposite Stern Tube assemblies per ship with a cylindrical steel tube and flat plate welded on one end.

3. MATERIALS

The Stern Tubes shall be manufactured from steel conforming to Lloyd's Steel Grade EH36. Each stern tube shall be fabricated from 30mm thick plate, rolled into form and welded to form a tube. Each stern tube may be fabricated in up to 3 sections and butt welded together.

Attribute	Nominal Value
Weight	8.040 tonne each
Length	9882 mm
Tube O/D	1100mm
Tube I/D	1040 mm
End Plate O/D	1110mm
End Plate I/D	750mm
End Plate Thickness	65mm



4. REQUIREMENTS

The Stern Tubes are designed to be welded into the hull structure and all welds shall be full penetration welds. The surfaces of the Stern Tube assemblies shall be abrasive blasted and primed.

The Supplier is required to make the LR representatives aware of all work being carried out as part of this contract in order to facilitate any LR approval and survey work undergone in the Contractor's establishment. Weld procedures, preparations, welder's names and certifications are to be provided to the LR prior to commencement of welding. All welds shall be 100% visually inspected and 100% volumetric tested in accordance with the requirements of Lloyds.

Each Stern Tube Assembly shall be supplied with all LR certificates prior to delivery to Osborne, South Australia.



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. Please 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. Please state what quality certification and accreditations you hold? Please provide evidence.
9. Do you hold Defence Industry Security Program (DISP) Membership? If so, 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?

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 Stern Tubes.
2. Do you have capability to manufacture Stern Tubes from steel grade EH36 (or similar heavy steelwork) locally in Australia? If yes, provide examples of local content manufacture. If not, provide country of origin and estimated percentage of Australian Industry Capability (AIC) 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 scope of work will be provided by Australian permanent residents.



5. 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 with examples.
6. Stipulate any further competitive discriminators currently not identified.

Closing date for Expression of Interest:
14th August 2020 at 4.00PM

