

BAE SYSTEMS

Expression of Interest: Push Fit Pipework

Hunter Class Frigate Program

Including:

HCFP – Push Fit Pipework

HFC-0000004673

Capability SOW & Questionnaire

BAE SYSTEMS – IN – CONFIDENCE

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Acronyms and Definitions

BAE	BAE Systems Australia Limited
EOI	Expressions Of Interest
HCFP	Hunter Class Frigate Program
RAN	Royal Australian Navy
GCS-A	Global Combat Ship-Australia
T26	British Type 26 Global Combat Ship
RAP	Reconciliation Action Plan
AUD	Australian Dollars
LRNR	Lloyd's Register Rules and Regulations for the Classification of Naval Ships

Including Capability SOW / Questionnaire



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Including

Capability SOW / Questionnaire

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1. Scope of Supply

BAE Systems are seeking Expressions of Interest (EOI) to supply ships with Push Fit Pipework for the Hunter Class Frigate Program (HCFP).

BAE has recently been down selected to design and build the Royal Australian Navy's (RAN) future frigates.

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 at Osborne, Adelaide, SA.

The purpose of the Capability Questionnaire is to establish the feasibility of prospective industrial partners to provide metallic pipe & fittings to BAE Systems for the HCFP.

The Hunter Class Program will require maximisation of local content in Australia.

Suppliers will be required to supply Push Fit Pipework with the below specifications:

The Push Fit Pipework supplied shall be Type Approved for use for the intended application on Naval Ships, in accordance with Lloyd's Register Rules and Regulations for the Classification of Naval Ships [1]

Push Fit Pipework has been classified as a Class III piping system, based on maximum pressure and temperature conditions, in accordance with Lloyd's Rules and Regulations for the Classification of Naval Ships Volume 2, Part 7, Chapter 1, Section 2.3.

As a Lloyd's Class III System, every consignment of Push Fit Pipework shall be supplied with a Manufacturer's Material Test Certificate as per Lloyd's Register Rules and Regulations for the Classification of Naval Ships Volume 2, Part 7, Chapter 1, Section 4.13, 4.14. [1]This shall be a Type 3.1 Inspection Test Report in accordance with BS EN 10204 [2].

The following are the main types of Push Fit Pipework to be supplied:

- Stainless steel pipes for use with Push Fit type fittings;
- Stainless steel push type fittings.

The Blucher Europipe System shall be used for Pushfit Pipework and Fittings specified in this document.

Installation Constraints

The Contractor shall supply details for all tooling (manual and powered), consumables, training and processes required to install the Push Fit Pipework (using build yard personnel) that are supplied from the Contractor in accordance with the classification society Type Approval Certificate.

Related referenced documents / standards:

Ref. No.	Standard No.	Title of Standard	Date/Issue
[1]	LRNR	Lloyd's Register Rules and Regulations for the Classification of Naval Ships	2014
[2]	BS EN 10204	Metallic products - Types of Inspection Document	2004
[3]	BS EN 1124 Parts 1 and 2	Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems.	2014
[4]	BS EN 1092-1	Flanges and their joints - Circular flanges for pipes, valves, fittings and accessories, PN designated - Part 1: Steel flanges	2007
[5]	BS EN ISO 228-1	Pipe threads where pressure tight joints are not made on the threads Part 1: Dimensions, tolerances and designation	2003
[6]	ASTM A269	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	2015

2. PRE-QUALIFICATION QUESTIONNAIRE

1. Provide full details of previous major defence, maritime or commercial projects in which your company has delivered Push Fit Pipework.
2. Do you have previous experience supplying Push Fit Pipework?
3. Confirm compliance sheets are available to meet standards in SOW.
4. State what of those components are Australian manufactured and what is imported.
5. If imported, are stocks held in Australia?
6. What State/s do you hold these components in?

Including

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7. *Confirm that the "Installations Constraints" in SOW requirements can be met.*
8. *Have you worked on defence contracts before?*
9. *Provide details of the company's management organisation structure.*
10. *Are you an Australian-owned company?*
11. *Are you an Indigenous company?*
12. *Please provide the number of Indigenous/Aboriginal/Torres Islander employees your organisation has? (Stipulate Full Time and Part Time)*
13. *Do you have a Reconciliation Action Plan (RAP) in place?*
14. *State acquired company certification and accreditations.*
15. *Stipulate any further competitive discriminators that have not been identified in the answers to previous questions*
16. *Have you updated your ICN company profile with the your trading name, contact details, website, ABN, number of employees, annual turnover, export details (if applicable) and ANZSIC codes? This information will be used in assessing this EOI.*

Closing date for Expression of interest:

4.00PM on the 1st of November 2019