



Expression of Interest : Ships Cable Supply

Hunter Class Frigate Program

HCFP – Ships Cable Supply –

Capability SOW & Questionnaire

BAE SYSTEMS – IN – CONFIDENCE

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Acronyms and Definitions

BAE	BAE Systems Australia Limited
GCS-A	Global Combat Ship - Australia
NATO Stock Number (NSN)	13-digit numeric code, identifying all the 'standardized material items of supply' as they have been recognized by all NATO countries including United States Department of Defense
COTS	Commercial off the Shelf
NATA	National Association of Testing Authorities, Australia
NSPA	NATO Support and Procurement Agency



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1. SCOPE

BAE Systems are seeking Expressions of Interest to supply Ships Electrical Cable for the Hunter Class Frigate Program.

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

The BAE Future Frigate offering - 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 ASC Shipbuilding Facility at Osborne, Adelaide, SA

The purpose of the Capability Questionnaire is to establish the feasibility of prospective industrial partners to provide Electrical Shipboard Cable to BAE Systems for the Global Combat Ship-Australia (GCS-A).

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

Main type of shipboard cables will be:

- i. Cables to NATO Stock Numbers: These cables are manufactured to Naval Standards.
- ii. Cables to commercial standards : These cables are manufactured to commercial standards - Commercial off the Shelf (COTS).
- iii. NATO Stock Number cables to commercial standards : These cables are listed as Naval Standard type cables however they can be manufactured with an alternative sheath to aid cost reduction.

Examples of cable types are:

MGSGO – VG 95218 (Part 60)

MIL-C-24640

MIL-C-24643

Potential scope of supply:

Approx 210 individual types of cable with an approx. total length of 630 Kilometres.

Non-Tradable Engineering Standards that will need to be met:

	Standard Number	Title	Date	Applicable Sections
	Def Stan 02-512	Guide to Cables, Electrical and Associated Items	12/12	Pt 1-8
	Def Stan 02-526	Requirements for cables electric, elastomeric, limited fire hazard sheathed for general services.	31/01/08	
	Def Stan 61-12	Wires and cables electrical limited fire hazard up to conductor size 10mm ² cross sectional area.	18/06/10	Pt 25
	Def Stan 61-12	Wires, Cords and Cables, Electrical – Metric Units	20/01/06	Pt 31
	LR NSR	Lloyds Register Rules and Regulations for the classification of Naval ships.	Jan 2014	Volume 2, Part 10, Chapter 1, Section 11.5
	Def Stan 60-1	Equipment Cables, Fibre Optic, Limited Fire Hazard for Marine Application	1998	
	Def Stan 02-527	Requirements for cables electric, fire survival, high temperature Zones and limited fire hazard sheathed.	April 2000	

2. FEASIBILITY QUESTIONNAIRE

1. Provide full details of previous major defence, maritime or commercial projects in which your company has delivered.
2. Stipulate all current projects and future projects, your company has any involvement in, until 2026.
3. Provide details of the company's management organisation structure.
4. Are you an Australian Owned company
5. Are you an Indigenous company
6. How many full time (permanent) employees are currently employed by your company?
7. How many full time (permanent) employees are indigenous?
8. Provide annual turnover in AUD
9. State acquired company certification and accreditation.
- 10 Can you manufacture / test cable to the standards in the SOW in Australia?
 - a. Fully
 - b. Partial

- c. Total Import
- 11 Advise what type of cables you are able to manufacture :
 - a. Coax,
 - b. Power,
 - c. Comms,
 - d. Fibre
 - e. Shielded
 - f. Multicore
 - 12 Are you NATA certified to test cables?
 - 13 Do you have cable cutting / re-reeling capabilities?
 - 14 Do you have warehousing / bar coding capabilities?
 - 15 What capacity of warehousing would be available?
 - 16 What State/s do you have these capabilities in?
 - 17 Do you have a full time Project Co-Ordinator currently working in your Organisation?
 - 18 Do you have access to NSN database – NSPA online ?
 - 19 Do you have security clearance?
 - 20 Provide security contact details
 - 21 State Professional Indemnity & Public Liability Insurance coverage
 - 22 Stipulate any further competitive discriminators that have not been identified in the answers to previous questions.

Closing Date for Expression of Interest :

5th April 2019