



# Expression of Interest: HCF20200026 Provision of Air Weapons Handling System Hunter Class Frigate Program

Including:

Scope of Work (High Level);

Pre-qualification Requirements; and

Capability Questionnaire

## Acronyms and Definitions

<b>ABN</b>	Australian Business Number
<b>AIC</b>	Australian Industry Capability
<b>ANZSIC</b>	Australian and New Zealand Standard Industrial Classification
<b>ASDEFCON</b>	Australian Standard for Defence Contracting
<b>AWHS</b>	Air Weapons Handling System
<b>AUD</b>	Australian Dollars
<b>BAE</b>	BAE Systems Australia Limited
<b>CDP</b>	Confidentiality Deed Poll
<b>CDRL</b>	Contract Data Requirement List
<b>D&amp;P</b>	Design and Productionisation
<b>DISP</b>	Defence Industry Security Program
<b>EOI</b>	Expressions Of Interest
<b>EVMS</b>	Earned Value Management Systems
<b>FOC</b>	First of Class
<b>GCS-A</b>	Global Combat Ship-Australia
<b>HCFP</b>	Hunter Class Frigate Program
<b>ICN</b>	Industry Capability Network
<b>ILS</b>	Integrated Logistic Support
<b>ISO</b>	International Organization for Standardization
<b>ITAR</b>	International Traffic in Arms Regulations
<b>NDA</b>	Non-Disclosure Agreement
<b>OQE</b>	Objective Quality Evidence
<b>RAN</b>	Royal Australian Navy
<b>RFT</b>	Request for Tender
<b>SHE</b>	Safety, Health and Environment
<b>SOW</b>	Scope of Work
<b>SWaP-C</b>	Space, Weight and Power-Cooling
<b>T26</b>	British Type 26 Global Combat Ship

# Expression of Interest: Air Weapons Handling System (AWHS)

BAE Systems Australia's subsidiary, ASC Shipbuilding, has been awarded a contract by the Australian Government to build nine of the world's most advanced anti-submarine warfare frigates for the Royal Australian Navy. ASC Shipbuilding are seeking Expressions of Interest (EOI) for the delivery of an Air Weapons Handling System to support the Hunter Class Frigate Program (HCFP).

The Hunter class frigate is designed for maximum versatility and flexibility in operational roles, from humanitarian and disaster relief operations to high-intensity warfare. Modified to meet Australian requirements, the frigate will be constructed on an acoustically quiet hull and feature unique sonar capabilities, modular digital design and open systems architecture to facilitate through-life support and upgrades as new technology develops.

Nine Hunter Class Frigates will be built at the ASC Shipbuilding Facility at the Osborne Naval Shipyard, Adelaide, SA. BAE Systems Australia and ASC Shipbuilding are committed to maximising opportunities for Australian industry through the Hunter program, which is the largest surface ship project in the nation's defence history.

ASC Shipbuilding invites expressions of interest from Australian and International subcontractors whom have proven capability in the design and manufacture of weapons handling and stowage systems.

The purpose of the Capability Questionnaire is to establish the feasibility of prospective industrial partners to provide an Air Weapons Handling System to ASC Shipbuilding across the HCFP. The information provided in response to this EOI may be used in the selection of subcontractors for further market approaches.

## Scope of Work (High Level): Air Weapons Handling System (AWHS)

The AWHS consists of the following components and subsystems:

- Racking or alternative appropriate magazine stowage system to accommodate a range of weapons, including torpedoes and air launched missiles;
- Handler system to move weapons into, and out of, the magazine stowage system; and
- Integration with existing platform services.

In addition to the provision of the AWHS, the AWHS supplier shall also develop AWHS simulation as OQE for acceptance, and training packages for on-board training.

The AWHS supplier shall perform all activities necessary to manage, design, develop, construct, integrate, test, deliver, install and obtain Certification and Acceptance of the Supplies by ASC Shipbuilding.

Earned Value Management reporting will be a key requirement for contractors to complete. A sound knowledge and understanding of this reporting mechanism is



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essential with the data to be provided by the contractor having a direct link into overall HCFP reports which will be issued to and reviewed by ASC Shipbuilding's end customer.

Contractors will be responsible for the creation and adherence to a detailed schedule which will be embedded as part of the overall HCFP schedule. The schedule will be tracked and provide confidence to ASC Shipbuilding and the end customer that the contractor will meet its requirements for both material and labour to complete the work scope. The expectation is for the contractor to be responsible for storing all procured material offsite, delivering directly to ASC Shipbuilding when required, under an agreed schedule.

ASC Shipbuilding and the Commonwealth of Australia is committed to maximising Australian Industry Capability as part of the Project. The successful contractor will be required to provide a detailed plan for how they intend to contribute to this objective.

### Pre-Qualification Requirements

Prospective contractors wishing to submit a response to ASC Shipbuilding's EOI are required to comply with the following to be considered compliant.

1. Acknowledgement in writing that the information contained in the EOI documentation is proprietary to ASC Shipbuilding and is made available for the recipient on the express understanding that it is to be treated as confidential for information purposes only and that it may not be copied, used or disclosed to others in whole or in part for any purpose except as authorised in writing by BAE Systems.
2. Review and understand the requirements of the ASC Shipbuilding Pty Limited Supplier Qualification Assurance Manual available online via the following link: <https://www.baesystems.com/en-us/our-company/about-us/our-suppliers>.
3. Any subcontractors short-listed for further engagement by ASC Shipbuilding will be required to sign a HCFP Non-Disclosure Agreement (NDA), and a Confidentiality Deed Poll (CDP) in favour of the Commonwealth of Australia.

### Capability Questionnaire

EOI respondents are requested to ensure that their ICN company profile is up to date, as this information, as well as the subcontractors response to the below capability questionnaire, will form its EOI response and be reviewed by ASC Shipbuilding.

Supporting artefacts are permitted where applicable.

1. Provide an outline of prior experience in the design, development, construction, integration, testing, delivery, installation and certification of a Weapons Handling and Stowage System.
2. Describe at a high-level your approach to resolving combat system and platform integration issues, including resolving issues with respect to Space, Weight and Power-Cooling (SWaP-C).



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3. Provide an outline of prior experience in development of simulations and training packages for a Weapons Handling and Stowage System.
4. Will your company engage in any joint ventures or alternative contracting models to complete the SOW? Details to be provided.
5. Provide details of your company's management organisation structure along with providing a proposed organisation structure that would be utilised to support your offering to complete the SOW.
6. Provide a high level summary of which elements of the SOW would be completed by an Australian company and which elements would be completed by an international company.
7. Provide details on the number of certified Project Managers, Schedulers, Planners and Tradespeople within your organisation including qualifications and years of experience working on Weapons Handling and Stowage System projects.
8. How many of these employees hold a current Australian security clearance and to what level? Please specify details.
9. Do you hold a current DISP membership? Confirm level of membership and years held.
10. Please provide a list of the Business Management System (BMS) policies and procedures utilised by your company.
11. Provide details of previous projects your company has completed Earned Value Management reporting.
12. Stipulate any further competitive discriminators currently not identified including how your organisation would collaborate as a team sharing data, schedules and resources if required to ensure best for program outcomes are achieved.
13. 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:****2.00PM ACST on Friday 8<sup>th</sup> May 2020**