



Expression of Interest: HCF20200022 Provision of Torpedo Launch System Hunter Class Frigate Program

Including:

Pre-qualification Requirements;

Scope of Work (High Level); and

Capability Questionnaire

Acronyms and Definitions

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

Expression of Interest: Torpedo Launch System

ASC Shipbuilding are seeking Expressions of Interest (EOI) for the delivery of a Torpedo Launch System to support the Hunter Class Frigate Program (HCFP). ASC Shipbuilding has been contracted to design and build the Royal Australian Navy's (RAN) future frigates.

The ASC Shipbuilding's 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).

Nine Hunter Class Frigates will be built at the ASC Shipbuilding Facility at the Osborne Naval Shipyard, Adelaide, SA. The Hunter Class Program will require maximisation of local content in Australia.

The purpose of the Capability Questionnaire is to establish the feasibility of prospective industrial partners to provide the Torpedo Launch System capable of launching surface launched MU90 lightweight torpedoes to ASC Shipbuilding across the HCFP. The information you provide within your EOI will be used to down select contractors to receive a formal Request for Tender.

Scope of Work (High Level): Torpedo Launch System

The TLS consists of the following components and subsystems:

- Torpedo tubes;
- Pre-setter;
- Integration with platform services; and
- Integration with combat systems.

The TLS may also include a torpedo handling system.

In addition to the provision of the TLS, the TLS supplier shall also develop TLS simulation and stimulation to support the following activities:

- On-board and land based training; and
- End to end integration testing at a land based test site.

The TLS 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 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

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scope. The current plan is for the contractor to be responsible for storing all procured material offsite, delivering directly to the ASC Shipbuilding yard or land based test site only when required under the 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 support this requirement.

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. Suppliers will also be required to sign a HCFP Non-Disclosure Agreement (NDA), and a Confidentiality Deed Poll (CDP) in favour of the Commonwealth of Australia. ASC Shipbuilding will contact EOI respondents to ensure these artefacts are in place prior to RFT release.

Capability Questionnaire

EOI respondents are requested to submit a response document answering all questions detailed below. 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 an in-service Torpedo Launch System for Surface Launched MU90 Torpedoes.
2. Provide an outline of experience (if any) in the design, development, construction, integration, testing, delivery, installation and certification of in-service torpedo handling system(s).
3. 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) and integration with the Combat Management System.
4. Provide an outline of prior experience in development of simulations and stimulations for on-board/land based training and integration activities for a Torpedo Launch System for Surfaced Launched MU90 Torpedoes.



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5. Will your company require engaging in any joint ventures or alternative contracting models to complete the SOW? Details to be provided.
6. 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.
7. Are you an Australian-owned Company?
8. Are you an Indigenous company?
9. Please provide the number of Indigenous/Aboriginal/Torres Islander employees your organisation has. (Stipulate Full Time and Part Time).
10. How many full time (permanent) employees does your company currently employ? Please provide a location and qualification breakdown for your workforce.
11. Provide details on the number of certified Project Managers, Schedulers, Planners and Tradespeople within your organisation including qualifications and years of experience working on TLS projects.
12. How many of these employees hold a current Australian security clearance and to what level? Please specify details.
13. State Professional Indemnity, Product and Public Liability Insurance coverage. Copies of certificates to be provided.
14. Do you have quality system accreditation under ISO 9001:2015?
15. State Marine Liability and Marine Products liability insurance or advise if included as part of above policies. Copies of certificates to be provided.
16. State and provide copies of acquired company certification and accreditation.
17. Do you hold a current DISP membership? Confirm level of membership and years held.
18. Please provide details on how your company maintains compliance with Export Control Regulations that may apply to your business. These Export Control Regulations may include, but are not limited to:
 - Australian Export Control Laws and Regulations
 - UK Export Control Regulations
 - US international Traffic in Arms Regulations (ITAR)

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19. Does your company comply with all relevant Anti-Slavery, Anti-Bribery, and Corruption legislation in your jurisdiction? Please provide a copy of your relevant policies and include details of the relevant legislation.
20. Confirm that your organisation has the capability and a clear understanding of the complexities of the High Level SOW provided in the Expression of Interest advising any areas of non-compliance.
21. Do you have South Australian warehouse capabilities to safely store materials offsite along with the ability to deliver to ASC Shipbuilding sites only when required as per an agreed schedule?
22. Do you have a clear understanding of the requirements for providing ASDEFCON CDRL data items, ILS and OQE documentation? Please provide examples of experience.
23. Provide details of how your company can support ASC Shipbuilding's commitment to AIC. Detail any areas based on your knowledge and previous experience with TLS work scopes where you see that ASC Shipbuilding could potentially look to maximise its AIC opportunities.
24. Provide details of previous projects your company has completed Earned Value Management reporting.
25. 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.
26. 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 ACST on Friday 3rd April 2020

