

**RFI0044**

**REQUEST FOR INFORMATION**

**Navy DEVELOP RFI for** **Next Generation Surface Ship Torpedo Defence Systems**

**RFI Title:** RFI0044 Next Generation Surface Ship Torpedo Defence Systems

**Issue Date:** 11 June 2024

**Reference:** RFI0044

**Version:** 1.0

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# Introduction

This RFI is not a bidding opportunity but a means by which industry can provide information. In accordance with the principles of the Defence and Security Industrial Strategy (DSIS) the Royal Navy is committed to developing an ever more productive and strategic relationship with defence and security industries, capitalising on your skills as part of our support for increased transparency and inclusivity. Any future procurement activity would be conducted in accordance with the relevant Procurement legislation in place at that point in time. A decision by any prospective provider not to submit a response to this RFI will not prejudice future engagements.

**Please note:**

**This RFI is an information gathering exercise, no further discussions with industry are planned at this stage. In the event of any future procurement activity, it would be advertised in line with public procurement regulations on the Defence Sourcing Portal and Contracts Finder.**

1. Background

The Royal Navy (RN) is seeking information regarding industry capability, technologies, and systems, in areas pertinent to Surface Ship Torpedo Defence (SSTD) systems. This is to inform and support future planning in this area.

The current SSTD system is due to remain in-service until 2030. Options to maintain the capability it provides are being considered. Areas of interest include, but are not limited to:

* Sensing capability.
* Softkill and hardkill effectors.
* Effector delivery mechanisms.
* Processing.
* Platform and combat system integration.
* Platform and force level defence.

Responses regarding extant/traditional capabilities as well as novel systems and approaches are encouraged.

Responses to this RFI should take the form of ‘White Papers’ (no more than 5 pages) articulating ‘end to end’ systems or parts thereof and directly addressing the questions posed by the Annex. Where possible, provide indicative costs and timelines for the systems and capabilities referred to in the responses. This is to support future outline planning and the potential creation of any future business case.

1. RFI intended outcomes

This RFI aims to achieve 3 outcomes:

1. Inform and align the MOD requirement with industry capability and processes in iterating the developing requirement ahead of future approaches to market.
2. To map the opportunities for a system of systems approach in delivering SSTD and to explore potential for application of spiral development.
3. To inform an approach to market that enables the implementation of an enduring solution.
4. RFI Procedure

Responses to this RFI will be reviewed by subject matter experts from different functional areas within Navy Command Headquarters.

If upon review of your submission any clarifications or additional information is required, you will be contacted using the details provided in your RFI response.

Any details provided in response to this RFI will be used for information purposes only and will not be used to determine the potential Suppliers who will be invited to bid, should the Authority proceed to tender.

The results and analysis of this RFI shall not constitute any form of pre-qualification exercise.

Any formal procurement process will be undertaken in accordance with the relevant Procurement Law.

Nothing in this RFI, or any other engagements with Industry prior to a formal procurement process, shall be construed as a representation as to the Authority’s ultimate decision in relation to the future requirement.

1. How to submit responses to this RFI

Respondents should provide responses in accordance with the format provided in **Annex A** quoting the RFI reference on all documentation and emails**.**

Please do not submit additional documents such as company overviews, the purpose of the RFI is to collect information related to the technical solution, any additional documents will not be included in the review process.

Any responses received after the deadline will be passed to the subject matter experts for information, however they may not be included in the RFI review meetings which are to be held immediately following the deadline.

Once completed, please return electronically to the e-mail address(es) shown below in **section 8,** no later than **12:00 Friday 2 August 24.**

Responses will be acknowledged electronically by return e-mail.

1. Confidentiality & Proprietary Information

No information included in your response, or in discussions connected to it, will be disclosed to any other third party.

Proprietary information, where included, should be kept to minimum and must be clearly marked.

**For the purposes of this RFI, any documentation classified at OFFICIAL SENSITIVE or OFFICIAL SENSITIVE – COMMERCIAL must be submitted from an r.mil.uk address. Otherwise, all responses must be at OFFICIAL.**

1. Costs of preparing your RFI response

Any costs relating to the preparation and submission of a response to this RFI are the sole responsibility of the respondent.

1. Contact

Quoting the RFI reference, please submit

1. any requests for clarification
2. all responses to this RFI and
3. any questions regarding Classification of document(s) intended for submission, to:

NAVYCOMRCL-RFI@mod.gov.uk

1. Annex A

**RFI0044 Navy DEVELOP RFI for Next Generation Surface Ship Torpedo Defence Systems**

|  |  |
| --- | --- |
| **Question** | **Answer** |
| Company Name |   |
| Company Address |   |
| Is the company a Small - Medium Enterprise (satisfies two or more of the following requirements: not more than 250 employees, a turnover of less than £36 million or a balance sheet of less than £18 million)? |  |
|    |
| Name of Company representative completing the RFI |   |
| Contact details (e-mail and telephone number) |   |
| Company web site address |   |
|    |
| Main products/services/line of business |   |
| Main market sector |   |
| Number of years in this market sector |   |
| **QUESTIONS**  |
| 1. Does your organisation provide an End-to-End system? Please provide details of how you would provide a layered Surface Ship Torpedo Defence System if relevant working as a sole provider. Please provide VROM costings.
	1. What is the minimum deployable capability you believe Defence should accept in this area?
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|  |
| 1. Is your organisation able to provide a part solution? What aspects of the system can you provide? Please provide VROM costings.
	1. What is the minimum deployable capability you believe Defence should accept in this area?
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| 1. If a full system is detailed, please provide information on its operation and how it would achieve its function. If a component, sub-system or capability, please explain how it would be integrated into or support a wider surface ship torpedo defence system, taking into account the Navy’s commitment to operating in a [Systems of Systems Approach (SOSA).](https://www.gov.uk/government/publications/maritime-operating-concept-maropc)
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|  |
| 1. What capability do you have to provide future upgrades and/or support spiral development? How should the Royal Navy best structure it’s approach to detailing the requirement to ensure spiral development in accordance with the [Integrated Procurement Model](https://www.gov.uk/government/publications/integrated-procurement-model-driving-pace-in-the-delivery-of-military-capability)?
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|  |
| 1. What capability do you have to provide through-life support? Please list VROM costings.
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| 1. Which elements of your proposed solution would be exportable in accordance with the [Integrated Procurement Model](https://www.gov.uk/government/publications/integrated-procurement-model-driving-pace-in-the-delivery-of-military-capability)?
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