

# Statement of Requirement (SoR)

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## Purpose

*This document is for new Extra-Mural (EMR) Contracts. Use the [Request for Contract Action \(RCA\) Guidance for EMR](#) page on WikiD when filling out this SoR and a supporting RCA. Please seek assistance if desired from [Commercial](#) or your Divisional Procurement Representative.*

*This document is supplier facing and the RCA is an internal document. Please delete non-essential grey text before issuing externally/ to suppliers.*

Reference Number	1000169866
Version Number	1.0
Date	06/12/2021

1.	Requirement
1.1	Title
	Enhanced Passive Sonobuoy and MSA Receiver Sonobuoy
1.2	Summary
	<p>The aim of this task is to de-risk the designs of an Enhanced Passive Sonobuoy (EPS) and a new Multi-Static Active (MSA) Receiver Sonobuoy (MSARS) optimised for use with the G-ALFEA sonobuoy. The main output of this task will be preliminary designs for the EPS and MSARS that would allow prototypes of the two sonobuoy types to be built with minimal technical risk in potential follow-on work.</p>
	Background

	<p>The Miniaturised Sonobuoy Phase 4 (SBM4) task resulted in a range of options being presented designed to meet the requirements for a G-size size sonobuoy capable of passive sensing and acting as a receiver in a Multi-Static Active (MSA) field. These options included sonobuoys that would meet both passive sensing and MSA receiver requirements in a single package and sonobuoy types that are specialised for either passive sensing or for use as a MSA receiver. A stakeholder workshop was held in which it was concluded that the best options to be taken forward are:</p> <ol style="list-style-type: none"><li>1. a specialised passive sensing sonobuoy that enhances the existing HIDAR sonobuoy with an additional wideband transducer, and</li><li>2. a specialised MSA receiver sonobuoy based on the BARRA sonobuoy but packaged as a G-size sonobuoy (G-BARRA sonobuoy).</li></ol>
1.4	Requirement



REDACTED

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1.6	Deliverables & Intellectual Property Rights (IPR)						
Ref.	Title	Due by	Format	TRL*	Expected classification (subject to change)	What information is required in the deliverable	IPR DEFCON/ Condition  <i>(Commercial to enter later)</i>
D-1	Kick-off meeting	T0+10 days	Slide pack and minutes	n/a	REDACTE	Meeting or conference call supported by presentation pack to include but not limited to: <ul style="list-style-type: none"> <li>• Technical presentation</li> <li>• Commercial aspects.</li> <li>• Risks/issues.</li> </ul>	DEFCON 705 shall apply
D-2	Monthly progress reports	Each month	Slide pack	n/a	REDACTE	Conference call supported by presentation pack to include but not limited to: <ul style="list-style-type: none"> <li>• Update on technical progress</li> <li>• Progress report against project schedule.</li> <li>• Commercial aspects.</li> <li>• Review of deliverables.</li> <li>• Risks/issues.</li> </ul>	DEFCON 705 shall apply
D-3	Plans	T0 + 2 months	MS Word or PDF	n/a	REDACTE	Project plans including Gantt Chart	DEFCON 705 shall apply

D-4	Report	T0 + 3 months	MS Word or PDF	n/a	REDACTED	REDACTED	DEFCON 705 shall apply
D-5	Report	T0 + 12 months	MS Word or PDF	n/a	REDACTED	REDACTED	DEFCON 705 shall apply
D-6	Report	T0 + 15 months	MS Word or PDF	n/a	REDACTED	REDACTED	DEFCON 705 shall apply
D-7	End of contract meeting	T0 + 16 months	Slide pack and minutes	REDACTED	Meeting or conference call supported by presentation pack to include but not limited to a technical presentation.	DEFCON 705 shall apply	OS
D-A1	Report	TBA	MS Word or PDF	n/a	REDACTED	REDACTED	DEFCON 705 shall apply

						REDACTED REDACTED	
D-B1	Report	TBA	MS Word or PDF	n/a	REDACTED	REDACTED REDACTED REDACTED REDACTED	DEFCON 705 shall apply
D-C1	Report	TBA	MS Word or PDF	n/a	REDACTED	REDACTED REDACTED REDACTED	DEFCON 705 shall apply

**\*Technology Readiness Level required**

*Notes- IPR should be inserted / checked by commercial staff before sharing with the supplier(s) to ensure accuracy.*

<b>1.7</b>	<b>Standard Deliverable Acceptance Criteria</b>
	<i>This could be 'as per Framework T&amp;C's' once an appropriate framework is later confirmed (links to section 13 of RCA). Consider the timeframe for our review of deliverable(s) (acceptance/rejection).</i>
<b>1.8</b>	<b>Specific Deliverable Acceptance Criteria</b>

<b>2.</b>	<b>Quality Control and Assurance</b>
<b>2.1</b>	<b>Quality Control and Quality Assurance processes and standards that must be met by the contractor</b>
	<input checked="" type="checkbox"/> <b>ISO9001</b> (Quality Management Systems) <input type="checkbox"/> <b>ISO14001</b> (Environment Management Systems) <input type="checkbox"/> <b>ISO12207</b> (Systems and software engineering — software life cycle) <input type="checkbox"/> <b>TickITPlus</b> (Integrated approach to software and IT development) <input type="checkbox"/> <b>Other:</b> (Please specify below)
<b>2.2</b>	<b>Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement</b>



<b>3.</b>	<b>Security</b>	
<b>3.1</b>	<b>Highest security classification</b>	
	<b>Of the work</b>	REDACTED
	<b>Of the Deliverables/ Output</b>	REDACTED
<b>3.2</b>	<b>Security Aspects Letter (SAL)</b>	
	Yes  If yes, please see SAL reference- REDACTED	
<b>3.3</b>	<b>Cyber Risk Level</b>	
	Very low	
<b>3.4</b>	<b>Cyber Risk Assessment (RA) Reference</b>	
	936704927  If stated, this must be completed by the contractor before a contract can be awarded. In accordance with the <a href="#">Supplier Cyber Protection Risk Assessment (RA) Workflow</a> please complete the Cyber Risk Assessment available at <a href="https://suppliercyberprotection.service.xgov.uk/">https://suppliercyberprotection.service.xgov.uk/</a>	

<b>4.</b>	<b>Government Furnished Assets (GFA)</b>				
GFA to be Issued - No  <i>If 'yes' – add details below. If 'supplier to specify' or 'no,' delete all cells below.</i>					
<b>GFA No.</b>	<b>Unique Identifier/ Serial No</b>	<b>Description:</b> <i>Classification, type of GFA (GFE for equipment for example), previous MOD Contracts and link to deliverables</i>	<b>Available Date</b>	<b>Issued by</b>	<b>Return Date or Disposal Date (T0+)</b> <i>Please specify which</i>

<b>5.</b>	<b>Proposal Evaluation criteria</b>
<b>5.1</b>	<b>Technical Evaluation Criteria</b>
	Tenderer's proposal provides sufficient confidence in their ability to deliver the required outputs in the timeframe.
<b>5.2</b>	<b>Commercial Evaluation Criteria</b>
	Tenderer's proposal is affordable and compliant to the terms and conditions of the RCloud framework.