Statement of Requirement (SoR)

Purpose

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

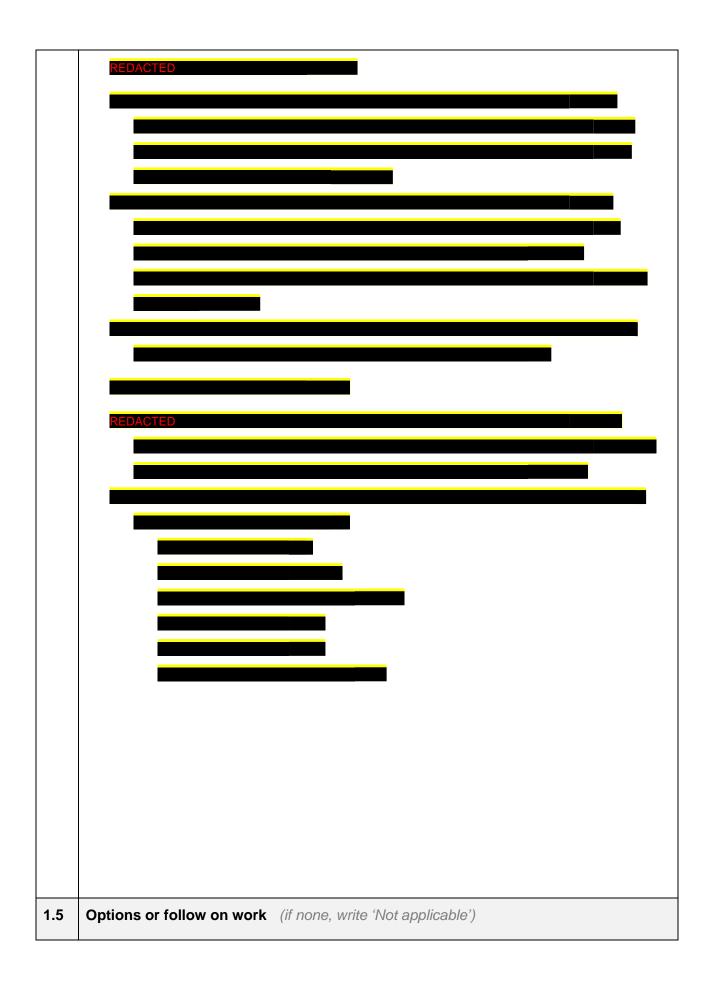
This document is supplier facing and the RCA is an internal document. Please delete non-essential grey text before issuing externally/ to suppliers.

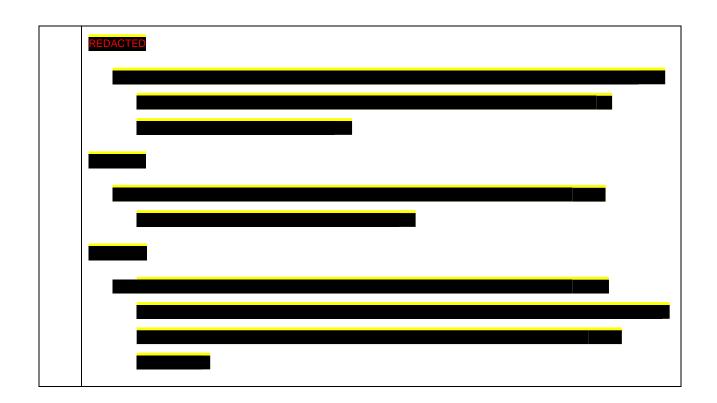
| Reference Number | 1000169866 | | |
|------------------|------------|--|--|
| Version Number | 1.0 | | |
| Date | 06/12/2021 | | |

| 1. | Requirement |
|-----|---|
| 1.1 | Title |
| | Enhanced Passive Sonobuoy and MSA Receiver Sonobuoy |
| 1.2 | Summary |
| | 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. |
| | Background |

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: 1. a specialised passive sensing sonobuoy that enhances the existing HIDAR sonobuoy with an additional wideband transducer, and 2. a specialised MSA receiver sonobuoy based on the BARRA sonobuoy but packaged as a G-size sonobuoy (G-BARRA sonobuoy).

1.4 Requirement





| 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 (Commercial to enter later) |
| 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: Technical presentation Commercial aspects. Risks/issues. | 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: • Update on technical progress • Progress report against project schedule. • Commercial aspects. • Review of deliverables. • Risks/issues. | DEFCON 705 shall apply |
| D-3 | Plans | T0 + 2 months | MS Word or PDF | n/a | PEDACTE | Project plans including Gantt Chart | DEFCON 705 shall apply |

| D-4 | Report | T0 + 3 months | MS Word or PDF | n/a | REDACTE | REDACTED | DEFCON 705 shall apply |
|------|----------------------------|-------------------|---------------------------|--|---|------------------------|------------------------|
| D-5 | Report | T0 + 12 months | MS Word or PDF | n/a | MEDAC I | REDACTED | DEFCON 705 shall apply |
| D-6 | Report | T0 + 15 months | MS Word or PDF | n/a | REDACTE | REDACTED | DEFCON 705 shall apply |
| D-7 | End of contract meeting | T0 + 16 months | Slide pack and minutes | THE CASE OF THE CA | 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 | ТВА | MS Word or PDF | n/a | ECAS : | REDACTED | DEFCON 705 shall apply |

| | | | | | | REDACTED | |
|------|--------|-----|-------------------|-----|---------|----------|------------------------|
| D-B1 | Report | ТВА | MS Word or PDF | n/a | REDACIE | REDACTED | DEFCON 705 shall apply |
| D-C1 | Report | ТВА | MS Word or PDF | n/a | REDACIE | 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.

| 1.7 | Standard Deliverable Acceptance Criteria |
|-----|---|
| | This could be 'as per Framework T&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). |
| 1.8 | Specific Deliverable Acceptance Criteria |
| | |

| 2. | Quality Control and Assurance | | | | | | | |
|-----|--|--|--|--|--|--|--|--|
| 2.1 | Quality Control and Quality Assurance processes and standards that must be met by the contractor | | | | | | | |
| | ⊠ ISO9001 | (Quality Management Systems) | | | | | | |
| | ☐ ISO14001 | (Environment Management Systems) | | | | | | |
| | □ ISO12207 | (Systems and software engineering — software life cycle) | | | | | | |
| | ☐ TickITPlus (Integrated approach to software and IT development) | | | | | | | |
| | □ Other: | Other: (Please specify below) | | | | | | |
| | | | | | | | | |
| 2.2 | Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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

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

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