









RCloud Tasking Form – Part B: Statement of Requirement (SoR)

Title of Requirement	Redacted Under FOI Exemption Spectroscopy Research
Requisition No.	RQ0000028473
SoR Version	0.1

1.	Statement of Requirements
1.1	Summary and Background Information
	<p>Dstl has an active research programme to evaluate and enhance the performance of multispectral sensors for a variety of desired applications.</p> <p>Bayspec have previously carried out research and development work on a number of distinct spectroscopic techniques for Dstl. Their expertise spans Mass Spectrometry, Optical Spectroscopy and Multispectral Imaging. There is an enduring requirement for their services to build upon this research in order to extend sensing capabilities and further exploit the work previously conducted.</p>
1.2	Requirement
	<p>CORE WORK:</p> <p>Dstl has a requirement to assess the feasibility of integrating Bayspec's multispectral sensors Redacted Under FOI Exemption into long range zoom lenses and telescopic products for Dstl evaluation.</p> <p><u>Feasibility Study:</u></p> <p>Investigate the potential to integrate Bayspec Redacted Under FOI Exemption sensors with block zoom optic lenses:</p> <ol style="list-style-type: none"> 1. Source cameras Redacted Under FOI Exemption and conduct disassembly and hardware inspection to determine what additional optics are required for successful integration with Redacted Under FOI Exemption sensors 2. Provide a short report on the hardware inspection, including potential design solutions to install the Redacted Under FOI Exemption multispectral imagers <p><u>Prototype Development:</u></p> <p>Continue prototype development of the Redacted Under FOI Exemption platform:</p> <p>Redacted Under FOI Exemption Conduct further development of prototype Redacted Under FOI Exemption HDMI and USB interface Redacted Under FOI Exemption</p> <ol style="list-style-type: none"> a. Optical design and modelling of Redacted Under FOI Exemption optical platform with zoom optics b. Optimisation of classification speed whilst maintaining full spatial resolution c. Minimise size and weight of overall Redacted Under FOI Exemption package for Redacted Under FOI Exemption exploitation.

1.3	Options or follow on work
	<p>The Limit of Liability under this Tasking Order Arrangement shall be £1,000,000.00 (Ex VAT) for a period of 36 months 31.08.2026 following completion of the core work (July to August 2023).</p> <p>Dstl wishes to include in this R-Cloud Task the provisions for a Tasking Order Arrangement whereby potential additional work could be provided under the contract.</p> <p>Such potential additional tasks requests may include but not limited to:</p> <p><u>Feasibility study task/ follow on work</u></p> <p> Production of a technical demonstrator  <i>Decision on uptake of the above follow-on work is dependent on the conclusions from SOR 2 in Section 1.2</i></p> <p> Provide a design solution and specification for a  High speed platform,  <i>Decision on uptake of the above follow-on work is dependent on Dstl evaluation of the  prototype delivered from SOR 3 in Section 1.2</i></p> <p><u>Prototype development task/ follow on work</u></p> <p> Production of a high speed technical demonstrator  <i>Decision on uptake of the above follow-on work is dependent on the conclusions from SOR 3 in Section 1.2 and SOR 5 in Section 1.3</i></p> <p>Dstl sets out to confirm that the above list is provided for reference, and as an example of the type of work that might be subject to additional tasking. At this stage these examples are not funded and Dstl does not offer a guarantee that any additional tasks may be placed.</p> <p>Please provide pricing in your tender response for the options listed above.</p> <p>Where Dstl does identify a future requirement, Dstl will request that the supplier provides a details proposal for each additional task and this will undergo technical and commercial review to ensure it is in scope with the aims of this requirement and offers value for money. Firm Prices for any additional requirements shall be submitted by the Supplier to Dstl and shall utilise rates within the allowable rates detailed on the R-Cloud rate card.</p> <p>No work is to be undertaken without formal amendment to the contract, without which any such work undertaken will be at the Supplier's risk.</p>
1.4	Contract Management Activities
	<p>Bronze, to be managed locally by the Dstl Project Manager</p> <p>Supplier to attend calls, as requested by Dstl, to discuss technical detail, progress against milestones, Issues and Risks, Lessons Identified, Next Steps etc.</p>

1.5	Health & Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement
	<ul style="list-style-type: none">i) ISO9001 (Quality Management Systems)ii) TickITPlus (Integrated approach to software and IT development)

1.6	Deliverables & Intellectual Property Rights (IPR)				
Ref.	Title	Due by	Format	Expected classification (subject to change)	What information is required for deliverable
D1	Installation design solutions	T0 + 1m	Short Report or PPT	Official Sensitive	Presentation of conclusions, inspection and production of concepts for Dstl's consideration
D2	<div>Redacted Under POI</div> HDMI prototype	T0 + 1m	Hardware	Official Sensitive	Delivery of prototype hardware meets system specifications

1.7	Deliverable Acceptance Criteria
	<p>All Reports included as Deliverables under the Contract e.g. Progress and/or Final Reports etc. must comply with the Defence Research Reports Specification (DRRS) which defines the requirements for the presentation, format and production of scientific and technical reports prepared for MoD.</p> <p>Interim or Progress Reports: The report should detail, document, and summarise the results of work done during the period covered and shall be in sufficient detail to comprehensively explain the results achieved; substantive performance; a description of current substantive performance and any problems encountered and/or which may exist along with proposed corrective action. An explanation of any difference between planned progress and actual progress, why the differences have occurred, and if behind planned progress what corrective steps are planned.</p> <p>Any Final Reports: shall describe the entire work performed under the Contract in sufficient detail to explain comprehensively the work undertaken and results achieved including all relevant technical details of any hardware, software, process or system developed there under. The technical detail shall be sufficient to permit independent reproduction of any such process or system.</p> <p>All Reports shall be free from spelling and grammatical errors and shall be set out in accordance with the Statement Of Requirement (1) above.</p> <p>Failure to comply with the above may result in Dstl rejecting the deliverables and requesting re-work before final acceptance.</p> <p>If upon review of the reports and/or the hardware, the Authority/Dstl does not accept the deliverables, the Contractor shall provide acceptable replacements at no additional cost to the Authority.</p>

2	Evaluation Criteria
2.1	Method Explanation
	<p>The Authority will use an evaluation model consisting of three criteria as follows:</p> <p>Stage 1 – Commercial: Pass / Fail (see section 2.3)</p> <p>Stage 2 – Technical: Scored (see section 2.2)</p>

	<p>The Authority will reject any bid that receives a 'Fail' for any of the Commercial Evaluation Criteria. Any response that receives a 'Fail' will be excluded from the competition and shall not be considered for Task Award.</p> <p>Any bids that 'Pass' the Commercial Evaluation Criteria will be evaluated by Technical assessors who will review proposals independently before being brought together for moderation.</p>																														
2.2	<p>Technical Evaluation Criteria</p> <p>Proposal will be evaluated by the Technical Assessors against the Technical Criteria shown in Table 1 below. The overall technical score for the bid will be the sum of the awarded scores for ID 1 – 6 at Table 1.</p> <p>A bid will be deemed to fall short of The Authority's technical requirement and therefore be technically non-compliant where:</p> <ol style="list-style-type: none">1. If a score of 0 (Inadequate), is recorded for two or more questions in any of the technical criteria.2. If an overall technical score below 60 is recorded. <table><tr><th colspan="6">TABLE 1 – Technical Criteria</th></tr><tr><th>ID</th><th>Category</th><th>Description</th><th>Score</th><th>Weighting</th><th>Maximum Score*</th></tr><tr><td>1</td><td>STAFF working on the proposed contract</td><td>Does the proposal identify suitably qualified staff (with evidence) key individuals who will technically lead and deliver the required work?</td><td>0,3,7,10</td><td>20%</td><td>20</td></tr><tr><td>2</td><td>Infrastructure and resources</td><td>Does the proposal demonstrate the suitability of the institution where the work would be carried out to fulfil the current and ongoing requirement (access to suitable facilities, and equipment)?</td><td>0,3,7,10</td><td>20%</td><td>20</td></tr><tr><td>4</td><td>Methodology</td><td>Does the proposal describe in sufficient detail concepts to investigate for demonstrating</td><td>0,3,7,10</td><td>25%</td><td>25</td></tr></table>	TABLE 1 – Technical Criteria						ID	Category	Description	Score	Weighting	Maximum Score*	1	STAFF working on the proposed contract	Does the proposal identify suitably qualified staff (with evidence) key individuals who will technically lead and deliver the required work?	0,3,7,10	20%	20	2	Infrastructure and resources	Does the proposal demonstrate the suitability of the institution where the work would be carried out to fulfil the current and ongoing requirement (access to suitable facilities, and equipment)?	0,3,7,10	20%	20	4	Methodology	Does the proposal describe in sufficient detail concepts to investigate for demonstrating	0,3,7,10	25%	25
TABLE 1 – Technical Criteria																															
ID	Category	Description	Score	Weighting	Maximum Score*																										
1	STAFF working on the proposed contract	Does the proposal identify suitably qualified staff (with evidence) key individuals who will technically lead and deliver the required work?	0,3,7,10	20%	20																										
2	Infrastructure and resources	Does the proposal demonstrate the suitability of the institution where the work would be carried out to fulfil the current and ongoing requirement (access to suitable facilities, and equipment)?	0,3,7,10	20%	20																										
4	Methodology	Does the proposal describe in sufficient detail concepts to investigate for demonstrating	0,3,7,10	25%	25																										

		breakdown in line with the requirement?			
5	Testing	Does the proposal provide sufficient details about breakdown testing (where, how, factors to investigate etc.)?	0,3,7,10	20%	20
6	Schedule of Works	Does the proposal provide a coherent research programme with milestones and deliverables to address the stated requirement?	0,3,7,10	15%	15

* Maximum Score above is calculated by (Score / Maximum Score Available) x Weighting e.g. 7/10 x 15 = 10.5

The following scoring guide will be used to evaluate technical scores against each criteria.

TABLE 2 – Scores for awarding		
Rating	Characteristic	Score
Excellent	The response addresses all elements of the requirement, and provides a comprehensive, unambiguous and thorough explanation of how the requirement will be fulfilled.	10
Good	The response addresses all the elements of the requirement and provides sufficient detail and explanation of how the requirement will be fulfilled.	7
Adequate	The response addresses the majority of elements of the requirement but is weak in some areas and does not fully detail or explain how the requirement will be fulfilled.	3
Inadequate	The response does not address or explain how the requirement will be fulfilled and fails to demonstrate the ability to meet the requirement.	0

2.3	Commercial Evaluation Criteria

Evaluation of Commercial bids will be undertaken against responses to the questions detailed below and scored in accordance with the 'Commercial Scoring Definitions' underneath.

Ref	Question	Marking
1	The Contractor's proposal has been submitted with all pricing offered as a Firm Price (i.e. non variable).	Pass/Fail
2	One full technical proposal, excluding all price detail has been submitted	Pass/Fail
3	One full Technical and Commercial proposal, including all price detail, has been submitted	Pass/Fail
4	The R-Cloud Part C Task Response Form has been completed and submitted including: a. Annex A: Statement Relating to Good Standing has been signed. b. Annex B: Notification of Intellectual Property Rights (IPR) Restrictions has been completed with sufficient detail and is acceptable to the Authority, providing required rights of use. Dstl want full user rights.	Pass/Fail
5	Completed Research Worker Forms (RWF) have been submitted where appropriate or details of existing security cleared research workers identified	Pass/Fail
6	The submitted proposal has a validity period of a minimum of 60 days from the tender closing date	Pass/Fail
7	The supplier accepts any additional conditions specified under Tasking Form Part A.	Pass/Fail
8	The supplier has submitted a completed DEFFORM 528 or provided a confirmed 'Nil Return'.	Pass/Fail
9	A completed Supplier Assurance Questionnaire (SAQ) has been submitted against the specified Cyber Risk Profile. Redacted Under FOI Exemption [REDACTED]	Pass/Fail
10	Written confirmation that outputs D1 & D2 can be delivered by Redacted Under FOI Exemption , as per section 1.6 in this document.	Pass/Fail

The score (Pass/Fail) awarded to each of the Commercial Sub-criteria will be in accordance with the following definitions:

Score	Definition
Pass	Fully meets the Authority's requirement. Provision and acceptance of the sub-criteria information in the format requested, which is clear, unambiguous and transparent.
Fail	Unacceptable/Nil Return. Tenderer did not respond to the question or the response wholly failed to demonstrate an ability to meet the sub-criteria requirement. Any proposal marked as a Fail will be excluded, and further clarification shall be sought, to be considered for Task Award.