

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

Reference Number	1000164327
Version Number	1.0
Date	09/06/2021

1.	Requirement
1.1	Title
	Effectiveness of uncertainty visualisation methods
1.2	Summary
	The aim of this study is to develop methods of visualising uncertainty, and to gain a qualitative understanding of the level of comprehension of these methods by decision makers. The visualisations developed will be designed to cover a range of scenarios that would typically require modellers from Dstl to provide responses.
1.3	Background

	<p>Aim</p> <p>To understand the best way to present complex uncertainty related statistical information to decision makers.</p> <p>Objectives</p> <p>Conduct a qualitative study assessing the level of comprehension and understanding of uncertainty through the use of visualisation. The study needs to include a selection of decisions makers across military and government, designed to cover the demographics Dstl provides responses to, as well as members of the general public.</p>
1.4	Requirement
	<p>Conduct research via the use of interviews, questionnaires and workshops to present options for understanding uncertainty through visualisations, assessing which methods of communication are best.</p> <p>This will involve generating a problem, to which the answer is already known, and requiring users to answer the problem, assessing how effectively they interpret different visualisations presented to them.</p> <ul style="list-style-type: none"> • To perform a qualitative study to gauge understanding of uncertainty across a range of decision makers relevant to Dstl's work. • Participants interviewed / surveyed must cover a cross section of customers defined by Dstl. These should be determined at the start of the study through discussions with relevant Dstl staff, based on suitability and availability. • Studies to include prototype visualisations generated by Dstl (developed following a prior uncertainty workshop). • All interviews to be summarised / questionnaires to be published in final report • Final report to summarise findings of qualitative study and to provide recommendations for visualisations.

1.5	Options or follow on work <i>(if none, write 'Not applicable')</i>
	Not applicable

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	Quarterly Progress Review	T0+3/6/9 Months	MS Teams teleconference	n/a	O	Review to include but not limited to: • Update on technical progress • Commercial aspects. • Risks/issues	DEFCON 705
D - 2	Final technical report	T0+12 months	Written report on customer template	n/a	O	Report on findings including recommendations for ways of presenting data and summary of qualitative study.	DEFCON 705
D - 3							

***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
	<p><i>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).</i></p> <p>Final deliverable:</p> <p>The report must cover all the areas outlined in 'requirements' in section 1.4 above, and also meet the following requirements:</p> <ul style="list-style-type: none"> • The review will be written in a user defined template, acceptable to the authority, to a standard of a peer-reviewed article e.g. publication of a peer reviewed technical journal, or as detailed in the Defence Research Reports Specification (DRRS) which defines the requirements for the presentation, format and production of scientific and technical reports prepared for MoD (https://www.gov.uk/guidance/submit-a-report-to-athena#defence-research-report-specification) • All Reports shall be free from spelling and grammatical errors, contain a full Bibliography of all the sources used. •
1.8	Specific Deliverable Acceptance Criteria
	<p>The deliverables will be reviewed and accepted by the Dstl project team at Dstl using appropriate technical specialists, assessed against the criteria outlined in the requirement (section 1.4).</p> <p>Failure to comply with the above may result in the Authority rejecting the deliverables and requesting re-work before final acceptance.</p>

2.	Quality Control and Assurance
2.1	Quality Control and Quality Assurance processes and standards that must be met by the contractor
	<p><input type="checkbox"/> ISO9001 (Quality Management Systems)</p> <p><input type="checkbox"/> ISO14001 (Environment Management Systems)</p> <p><input type="checkbox"/> ISO12207 (Systems and software engineering — software life cycle)</p> <p><input type="checkbox"/> TickITPlus (Integrated approach to software and IT development)</p> <p><input type="checkbox"/> Other: (Please specify below)</p>

2.2	Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement
	N/A

3.	Security	
3.1	Highest security classification	
	Of the work	[REDACTED]
	Of the Deliverables/ Output	[REDACTED]
3.2	Security Aspects Letter (SAL)	
	Not applicable If yes, please see SAL reference- <i>Enter iCAS requisition number once obtained</i>	
3.3	Cyber Risk Level	
	Very low	
3.4	Cyber Risk Assessment (RA) Reference	
	RAR-FJVS76BB 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/	

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

GFA-1	TBC	Numerical model output data to be used by the supplier to generate relevant visualisations.	Upon placement of contract	Dstl	Disposal date: T0+12

5.	Proposal Evaluation criteria
5.1	Technical Evaluation Criteria
	There is no formal scoring criteria; however your proposal will be evaluated on its suitability to answer Dstl's Statement of Requirement. Dstl reserve the right not to proceed to contract award should the proposal not provide a satisfactory response.
5.2	Commercial Evaluation Criteria
	There is no formal scoring criteria; however the proposal will be evaluated on NAPNOC principles (no acceptable price no contract). Your proposal must be priced in-line with your agreed framework rates with all materials and T&S broken down.