Serapis Tasking Form

Tasking Form Part 1: *(to be completed by the Authority's Project Manager)*

To:	Lot 6 Frazer-Nash Consultancy Ltd	From:	The Authority

Any Task placed as a result of your quotation will be subject to the Terms and Conditions of Framework Agreement Number:
LOT 6 DSTL/AGR/SERAPIS/UND/01

VERSION CONTROL
V0.1

REQUIREMENT			
Proposal Required by:	20/06/2022	**Task ID Number:**	UCDAII91
The Authority Project Manager:	[REDACTED]	**The Authority Technical Point of Contact:**	[REDACTED]
Task Title:	MDBD - Horizon Scanning and Technology Watch		
Required Start Date:	04/07/2022	**Required End Date:**	31/03/25
Requisition No:	RQ0000008801	**Budget Range**	£500k

TASK DESCRIPTION AND SPECIFICATION	
Serapis Framework Lot	☒ Lot 1: Collect ☐ Lot 2: Space systems ☒ Lot 3: Decide ☒ Lot 4: Assured information infrastructure ☐ Lot 5: Synthetic environment and simulation ☒ Lot 6: Understand

Statement of Requirements (SOR)

Horizon scanning and technology watch: Digital Battlespace Deception

The pace of technological change and the ease of access to technologies coupled with the continuous execution of sub-threshold actions by our adversaries seeking to undermine UK interests presents a broad range of threats to western military advantage. This persistent competition with adversaries below the threshold of armed conflict means that Defence must prepare to protect UK interests, compete with and where necessary constrain adversaries in the sub-threshold space.

In the future battlespace (both physical and virtual), defence assets and operations will be detectable everywhere through ubiquitous ISR (intelligence, surveillance and reconnaissance) and advanced processing including that using machine learning and artificial intelligence. Technologies which enable Defence to conduct operations whilst 'hiding in plain sight' will deliver a step change in; freedom of manoeuvre and force protection; the ability to introduce uncertainty in adversary commanders understanding and the ability to conduct discrete, non-attributable operations.

The 'Mastering Digital Battlespace Deception' (MDBD) project aims to identify innovative ideas and novel technologies which have potential for use in military deception activities to enable the UK to conduct operations 'hiding in plain sight', whilst creating uncertainty and presenting dilemmas to our adversaries. The project

recognises the need to develop and maintain horizon scanning activity to identify early stage technology that may have potential and the need to maintain technology watch on those technologies identified as being of interest.

Task requirement

Proposals are sought that would provide the project with a baseline of current technology and regular horizon scanning and selected technology watch outputs identifying new ideas, techniques and technology for further investigation within the project.

Dstl defines Horizon Scanning as:

Processes and techniques for the systematic identification, at an early stage, of important but unfamiliar developments, to create new opportunities and mitigate risks arising through surprise.

Dstl defines Technology Watch as:

Processes and techniques for monitoring the evolution of technologies and technology areas which are known to be of interest. These include following the maturation cycle of emerging technologies and identifying new applications for existing technologies.

Therefore, in horizon scanning, new technical areas of interest are realised only after information has been retrieved, whereas in technology watch, technical areas of interest are specified before information is retrieved. Ideas can be at any maturity level from initial idea to concept but should be innovative and present a fresh approach for military deception.

The scope of the MDBD project covers all aspects of 'technical' deception. Whilst 'technical' deception is not an official term, it is taken to refer to the use of technology options as part of deception actions.

An initial baselining activity would provide a snapshot of;

- Technologies with the potential for use in deception activity
- The current level of development of technologies and likelihood of further development
- For those technologies that are commercially available
- The availability (eg. widespread or single source)
    - Current usage/market
    - Indicative costs
    - Likelihood of further development

It is suggested that following the baselining activity, horizon scanning output is delivered quarterly over a period of three years. Selected topics for technology watch would be agreed following discussions with Dstl and the supplier and updates on those topics would be provided at least annually.

Benefits

The expectation is that this task will;

Maintain a watching brief for new technologies and concepts that may have potential for use in UK military deception activities.

Increase understanding through technology watch on early technologies identified as having potential.

Procurement Strategy

☒ Lot Lead to recommend   ☐ Single Source / Direct Award

Pricing:

☒ Firm Pricing   ☐ Ascertained Costs*   ☐ Other*

Firm Pricing shall be in accordance with DEFCON 127 and DEFCON 643

Ascertained Costs shall be in accordance with DEFCON 653 or DEFCON 802.

*only at Authority's discretion

Task IP Conditions

Task IP Conditions (Follow the [REDACTED] guide to identify your information and IP requirements for each deliverable)	Summary of the Authority's rights in foreground IP (IP generated by the supplier in performance of the contract)
DEFCON 703 ☒	Vests ownership with the Authority
DEFCON 705 Full Rights ☐	Enables MOD to share in confidence as GFI or IRC under certain types of agreements. Can be shared in confidence within UK Government.
OTHER IP DEFCONS: 14* ☐, 15* ☐, 16* ☐, 90* ☐, 91* ☐, 126* ☐	Generally only suitable for deliverables at TRL 6 and above.
BESPOKE IP Clause ☐ *	Details to be added and agreed by IP Group

* Do not use without IPG advice and approval

Please state in this text box if MOD or the customer has a requirement a) that one or more Other Government Departments is able to share confidentially with their own suppliers, b) to publish but you do not think there is a requirement to own or control the deliverable, or c) to share under a procurement* Memorandum of Understanding (MOU).

If any of these three issues applies, please contact IPG for advice before completing this form. *Listing research MOUs is not required, but can be a helpful courtesy to the supplier.

DELIVERABLES

Ref	Title	Due by	Format	TRL	Expected classification (subject to change)	Information required in deliverable	IPR DEFCON
D-1	Baseline Report	T0+2 Months	Document (*.docx)		[REDACTED]	Technologies with the potential for use in deception activity	703
D-x	Quarterly Progress Report	T0+5 Months	Document (*.docx)			The current level of development of technologies and likelihood of further development	
						For those technologies that are commercially available:	
						o The availability (eg. widespread or single source)	
						o Current usage/market	
						o Indicative costs	
						o Likelihood of further development	

DELIVERABLE: ACCEPTANCE / REJECTION CRITERIA

Unless otherwise stated below, Standard Deliverable Acceptance / Rejection applies. This is 30 business days, in accordance with DEFCON 524 Rejection, and DEFCON 525 Acceptance.

Standard Deliverable Acceptance / Rejection:-

Yes ☒ (DEFCON 524 Rejection, and DEFCON 525 Acceptance)

No ☐ (if no, please state details of applicable criteria below)

Deliverable Acceptance / Rejection Criteria:-

If there are any other specific acceptance/rejection criteria you would like to apply to any of the deliverables, please state them here.

Government Furnished Assets (GFA)

ISSUE OF EQUIPMENT/RESOURCES/INFORMATION/FACILITIES - NONE

QUALITY STANDARDS

☒ **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:** (Please specify in free text below)

SECURITY CLASSIFICATION OF THE WORK – [REDACTED]

The highest classification of this SOR
OFFICIAL ☐ OFFICIAL-SENSITIVE ☐ SECRET ☐ TOP SECRET ☐ STRAP ☐ SAP ☐

The highest expected classification of the work carried out by the contractor
OFFICIAL ☐ OFFICIAL-SENSITIVE ☐ SECRET ☐ TOP SECRET ☐ STRAP ☐ SAP ☐

The highest expected classification of Deliverables/Output
OFFICIAL ☐ OFFICIAL-SENSITIVE ☐ SECRET ☐ TOP SECRET ☐ STRAP ☐ SAP ☐

Is a Security Aspects Letter (SAL) required? *(A Security Aspects Letter (SAL) will be required for each Task above Official-Sensitive and above)*

Yes ☐   No ☐

TASK CYBER RISK ASSESSMENT. *(In accordance with DEF STAN 05-138 and the Risk Assessment Workflow)*

Cyber Risk Level	[REDACTED]
Risk Assessment Reference	[REDACTED]

ADDITIONAL TERMS AND CONDITIONS APPLICABLE TO THIS CONTRACT

Please ensure all completed forms are copied to DSTLSERAPIS@dstl.gov.uk when sending to the Lot Lead.

Tasking Form Part 2: *(To be completed by the Lot Lead)*

To: The Authority	From: The Lot Lead

Proposal Reference	**016879-97566L UCDAII91** **MDBD Horizon Scanning And Technology Watch – Frazer-Nash Proposal** **(attached)**

Delivery of the requirement:

The proposal shall include, but not be limited to:

- A full technical proposal that meets the individual activities that are detailed in Statement of Requirements (Part 1 to Tasking Form).
- Breakdown of individual Deliverables, with corresponding Intellectual Property rights applied.
- Breakdown of Interim Milestone Payments, with corresponding due dates.
- A work breakdown structure/project plan with key dates and deliverables identified.
- A list of required Government Furnished Assets from the Authority, including required delivery dates.
- A clear identification of Dependencies, Assumptions, Risks and Exclusions which underpin your Technical Proposal.
- Sub-Contractors Personnel Particulars Research Worker Form and security clearances (if applicable)

PRICE BREAKDOWN

You are to use the costs detailed in Item 2 Table I in the Schedule of Requirement and at Annex E Table 2 of the Serapis Framework Agreement. Please also provide a price breakdown which should include, but is not limited to: Lot Lead Rates, Sub-contractors costs and rates, travel and subsistence. In support of your Proposal you are requested to provide clear details of all Dependencies, Assumptions, Risks and Exclusions that underpin your price.

Offer of Contract: *(to be completed and signed by the Contractor's Commercial or Contract Manager)*

Total Proposal Price in £	£476,393.69		(ex VAT)

Start Date:	25/07/2022	**End Date:**	31/03/2025
Lot Leads Representative	Name	[REDACTED]	
	Tel	[REDACTED]	
	Email	[REDACTED]	
	Date	27th July 2022	
Position in Company	[REDACTED]		
Signature	*[REDACTED]*		

Core Work – Breakdown – [REDACTED]

Lot Lead Rates for Task Management Services (TMS)							
Team Member Name	Role	Activity Type	Rate (£)	Total Hours	LMS recovery per role per hour ('d' element)	Total LMS recovery due (£) ('d' x total hours)	Total TMS Cost (£) (Rate x total hours)
		Total					

Work Delivered By Sub-Contractor(s)						
Name of Sub-Contractor	Supplier Type	Activity Description	Team Member Role	Rate (£)	Total Hours	Total Cost (£)
			Total			

Travel & Subsistence					
Supplier Name	Spend Type	Description / Rationale	Unit Cost (£)	Quantity	Total Cost (£)
			Travel & Subsistence Total		

Core Work – Milestone breakdown costs – [REDACTED]
Proposed Milestones Payments

Milestone M1

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						
Milestone LMS recovery (£)			Total cost			

Milestone M2

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M3

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M4

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M5

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M6

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M7

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M8

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M9

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M10

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON

[REDACTED]

Milestone M11

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M12

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M13

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M14

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M15

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M16

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M17

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M18

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M19

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

						12

Milestone M20

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M21

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M22

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Milestone M23

Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED]						

Total LMS (All Milestones)		Total Cost (All Milestones)				

Tasking Form Part 3:

To be completed by the Authority's Commercial Officer and copied to the Authority's Project Manager.

1. Acceptance of Contract:		
Authority's Commercial Officer	Name	[REDACTED]
	Tel	[REDACTED]
	Email	[REDACTED]
	Date	9/8/22
Requisition Number		RQ0000008801
Contractor's Proposal Number		016879/566L V3 Dated 27/7/22
Purchase Order Number		DSTL0000006415
Signature		[REDACTED]
Please Note: Task authorisation to be issued by the Authority's Commercial Officer or Contract Manager. Any work carried out prior to authorisation is at the Contractor's own risk.		

March 2021 (v9.0)   [REDACTED]