

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			
20210506_[REDACTED UNDER FOIA EXEMPTION]_V0_1			
REQUIREMENT			
Proposal Required by:	01/07/2021	Task ID Number:	U36
The Authority Project Manager:	[REDACTED UNDER FOIA EXEMPTION]	The Authority Technical Point of Contact:	[REDACTED UNDER FOIA EXEMPTION]
Task Title:	[REDACTED UNDER FOIA EXEMPTION]		
Required Start Date:	02/08/2021	Required End Date:	28/02/2022
Requisition No:	1000164266	Budget Range	300,000
TASK DESCRIPTION AND SPECIFICATION			
Serapis Framework Lot	<input type="checkbox"/> Lot 1: Collect <input type="checkbox"/> Lot 2: Space systems <input type="checkbox"/> Lot 3: Decide <input type="checkbox"/> Lot 4: Assured information infrastructure <input type="checkbox"/> Lot 5: Synthetic environment and simulation <input checked="" type="checkbox"/> Lot 6: Understand		
Statement of Requirements (SOR) <p>Two work packages have been proposed below. This SOR requires at least Work Package 1 to be considered in returning proposals, proposals also incorporating WP2 are encouraged but WP2 is not required for a successful proposals.</p> <p>It is expected that there will be significant links between these work packages, and ideally these work packages will be run sequentially. It is expected that this work will require dialogue between the Authority and the supplier throughout the contract period. The Authority will make staff available to support this through a technical partner.</p> <p>For this work, an example scenario should be designed. The scenario should be relevant to the MOD and should be inspired by an operator [REDACTED UNDER FOIA EXEMPTION]. The concept demonstrator needs to be able to demonstrate that it is able to [REDACTED UNDER FOIA EXEMPTION].</p> <p>Work Package 1: [REDACTED UNDER FOIA EXEMPTION]</p>			

The work package will be focussed on answering the Research Question:

How can a [REDACTED UNDER FOIA EXEMPTION]

The aim of this work package is to develop a prototype for [REDACTED UNDER FOIA EXEMPTION]. The device should be able to [REDACTED UNDER FOIA EXEMPTION], preferably through a [REDACTED UNDER FOIA EXEMPTION], and run a real-time [REDACTED UNDER FOIA EXEMPTION]. In particular this work package:

- 1.1 Must design an example adversarial use case to guide the rest of the work. This doesn't need to be taken from a real-world scenario – a realistic but illustrative scenario will be sufficient.
- 1.2 The use case must be relevant to the MOD and agreed with the technical partner.
- 1.3 Must have the means to generate realistic [REDACTED UNDER FOIA EXEMPTION] which is suitable for the agreed use case.
- 1.4 Must evaluate a range of [REDACTED UNDER FOIA EXEMPTION], which are suitable for both collecting the [REDACTED UNDER FOIA EXEMPTION]. The evaluation process and recommendations must be captured
- 1.5 Must identify a suitable [REDACTED UNDER FOIA EXEMPTION] and must be able to [REDACTED UNDER FOIA EXEMPTION].
- 1.6 The method must be able to [REDACTED UNDER FOIA EXEMPTION] within the context of the agreed use case.
- 1.7 Must create a hardware demonstrator using the [REDACTED UNDER FOIA EXEMPTION] and recommended hardware.
- 1.8 The hardware demonstrator must be [REDACTED UNDER FOIA EXEMPTION]
- 1.1.

Extension Work Package 2: [REDACTED UNDER FOIA EXEMPTION]

This Work Package explores the extension questions;

- *How can computation be [REDACTED UNDER FOIA EXEMPTION]?*
- *How can [REDACTED UNDER FOIA EXEMPTION], i.e. a [REDACTED UNDER FOIA EXEMPTION]?*

Since this work package is an extension of WP1, the scope is much broader and flexible. This offers an opportunity to build upon the concept demonstrator developed in WP1 and explore how the either the [REDACTED UNDER FOIA EXEMPTION] can be enhanced by [REDACTED UNDER FOIA EXEMPTION].

- 2.1. Must propose ways in which the hardware concept demonstrator could be enhanced by working as a [REDACTED UNDER FOIA EXEMPTION], answering either/both of the research questions above.

Must provide design guidance for implementing the proposed enhancements, and identify limitations or requirements needed to do so.

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 NIPPY 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 <input checked="" type="checkbox"/>	Vests ownership with the Authority
DEFCON 705 Full Rights <input type="checkbox"/>	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* <input type="checkbox"/> , 15* <input type="checkbox"/> , 16* <input type="checkbox"/> , 90* <input type="checkbox"/> , 91* <input type="checkbox"/> , 126* <input type="checkbox"/>	Generally only suitable for deliverables at TRL 6 and above.
BESPOKE IP Clause <input type="checkbox"/> *	Details to be added and agreed by IP Group
* Do not use without IPG advice and approval	
<p>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).</p> <p>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.</p>	

DELIVERABLES

Ref	Title	Due by	Format	TRL	Expected classification (subject to change)	Information required in deliverable	IPR DEFCON
D1	Monthly Progress and Technical Review (QPTR 1)	Monthly	Presentation (.pptx)	n/a	OFFICIAL	Presentation pack to include but not limited to: <ul style="list-style-type: none"> • Update on technical progress • Progress report against project schedule. • Review of risk management plan. • Commercial aspects. • Review of deliverables. • Risks/issues. 	DEFCON 703

D2	[REDACTED UNDER FOIA EXEMPTION]	T0 + 3 Months	Report	n/a	OFFICIAL	Report to include, but not limited to; <ul style="list-style-type: none"> Available hardware and evaluation results Design considerations Details about Use Case used for the Concept Demonstrator Details about the structure of the [REDACTED UNDER FOIA EXEMPTION]	DEFCON 703
D3	Demonstration	T0 + 6 Months	Workshop/ Demo	n/a	OFFICIAL	Live demonstration of the [REDACTED UNDER FOIA EXEMPTION]	DEFCON 703
D4	[REDACTED UNDER FOIA EXEMPTION]	T0 + 6 Months	Concept Demonstrator and Software Documentation	3	OFFICIAL	[REDACTED UNDER FOIA EXEMPTION], training data and model.	DEFCON 703
D5	Overarching Report	T0 + 6 Months	Software and Documentation	n/a	OFFICIAL	Report to include, but not limited to; <ul style="list-style-type: none"> Outputs from WP1 Design guidance and recommendations 	DEFCON 703
D6 (WP2)	Demonstration	T0 + 7 Months	Workshop/ Demo	n/a	OFFICIAL	Live demonstration of the [REDACTED UNDER FOIA EXEMPTION].	DEFCON 703
D7 (WP2)	[REDACTED UNDER FOIA EXEMPTION]	T0 + 7 Months	Concept Demonstrator and Software Documentation	3	OFFICIAL	[REDACTED UNDER FOIA EXEMPTION], training data and model.	DEFCON 703
D8 (WP2)	Overarching Report	T0 + 7 Months	Software and Documentation	n/a	OFFICIAL	Report to include, but not limited to; <ul style="list-style-type: none"> Outputs from WP2 Design guidance and recommendations	DEFCON 703

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 (if not applicable, delete table and insert "None" in this text box)

<u>Unique Identifier/Serial No</u>	<u>Description</u>	<u>Classification</u>	<u>Type</u>	<u>Available Date</u>	<u>Issued by</u>	<u>Return or Disposal Date</u>	<u>Any restrictions?</u>
Serial no	Description	Official-Sensitive	Equipment	00/00/0000	Issuer	00/00/0000	Include details here

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

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	Very Low
Risk Assessment Reference	RAR – VZUZ7KFZ

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		012665-95770L U36 - [REDACTED UNDER FOIA EXEMPTION] Frazer-Nash Proposal (attached)	
Delivery of the requirement:			
The proposal <u>shall</u> include, but not be limited to:			
<ul style="list-style-type: none"> • 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 <i>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.</i>			
Offer of Contract: <i>(to be completed and signed by the Contractor's Commercial or Contract Manager)</i>			
Total Proposal Price in £	£264,767.02		(ex VAT)
Start Date:	03 rd August 2021	End Date:	14 th January 2022
Lot Leads Representative	Name	[REDACTED UNDER FOIA EXEMPTION]	
	Tel	[REDACTED UNDER FOIA EXEMPTION]	
	Email	[REDACTED UNDER FOIA EXEMPTION]	
	Date	29 th July 2021	
Position in Company	Project Manager		
Signature	[REDACTED UNDER FOIA EXEMPTION]		

Core Work – Breakdown

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					
[REDACTED UNDER FOIA EXEMPTION]							

Work Delivered By Sub-Contractor(s)						
Name of Sub-Contractor	Supplier Type	Activity Description	Team Member Role	Rate (£)	Total Hours	Total Cost (£)
[REDACTED UNDER FOIA EXEMPTION]						

Core Work – Milestone breakdown costs

Proposed Milestones Payments

Your TMS bid costs shall be included in milestone 1.

The final Milestone must reflect the actual cost of the deliverable, and be greater than 20% of the Task value, unless otherwise agreed with your Commercial POC

Please duplicate the template per milestone table format below as necessary, and rename milestone number accordingly.

Milestone M1						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
Milestone M2						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
Milestone M3						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
Milestone M4						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
[REDACTED UNDER FOIA EXEMPTION]						

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 UNDER FOIA EXEMPTION]
	Tel	[REDACTED UNDER FOIA EXEMPTION]
	Email	[REDACTED UNDER FOIA EXEMPTION]
	Date	02/08/2021
Requisition Number		1000164266
Contractor's Proposal Number		012665-121828V
Purchase Order Number		DSTLX-1000161533
Signature		[REDACTED UNDER FOIA EXEMPTION]
<i>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.</i>		