

# Serapis Tasking Form

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

<b>To:</b>	Lot 2 BAE Systems Applied Intelligence Ltd	<b>From:</b>	The Authority
Any Task placed as a result of your quotation will be subject to the Terms and Conditions of Framework Agreement Number: LOT 2 DSTL/AGR/SERAPIS/SPA/01			
<b>VERSION CONTROL</b>			
Version control please ensure this is kept up to date			
<b>REQUIREMENT</b>			
<b>Proposal Required by:</b>	[04/10/2021]	<b>Task ID Number:</b>	ID30
<b>The Authority Project Manager:</b>	[REDACTED]	<b>The Authority Technical Point of Contact:</b>	[REDACTED]
<b>Task Title:</b>	[Title – same as iCAS title]		
<b>Required Start Date:</b>	15/10/21	<b>Required End Date:</b>	18/03/22
<b>Requisition No:</b>	1000168343	<b>Budget Range</b>	£150 – £170k
<b>TASK DESCRIPTION AND SPECIFICATION</b>			
<b>Serapis Framework Lot</b>	<input type="checkbox"/> Lot 1: Collect <input checked="" 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 type="checkbox"/> Lot 6: Understand		
<b>Statement of Requirements (SOR)</b>			
<b>Statement of Requirements (SOR)</b>			
<p>Deployed force elements use wide band (X and Mil Ka) data services as well as UHF TACSAT for low data rate and voice SATCOM. [REDACTED] It would be attractive if user TACSAT needs could be met by other technologies rather than UHF. This would increase, [REDACTED] flexibility and utilisation allowing TACSAT and wideband services to be dynamically managed to meet user's needs.</p> <p>1.1. In conjunction with Force Development stakeholders this study should evaluate the user requirement for future narrow band data and voice SATCOM and identify and evaluate potential technology solutions for this requirement. This should [REDACTED] characterise the demand signal for UHF communications. The threat environment [REDACTED] should be assessed to understand where UHF will no longer be able to meet the demand. This study should then evaluate technology trends as well as available X and Mil Ka solutions and waveforms. These solutions should be investigated to determine their potential to meet users narrow band data and voice SATCOM for forces on the move.</p> <p>1.2.</p>			

**1.3. The study should particularly consider:**

- The simplicity of any alternative solution – the ability to provide a dismount with a C2 bearer that does not require extensive set up and will not disrupt operational tempo.
- The size, weight, power and complexity of any alternative solution and the implications of that for users.
- The reliability and performance characteristics of any alternative solution and their impact on its ability to deliver a similar level of service to current UHF provision.
- Safety. Would an alternative (X/Ka band) terminal have similar safety implications (e.g. low Specific Absorption Rate (SAR))

The task will be split into two main overlapping tasks:

**1. Understanding the User requirements for the Beyond Line of Sight Communications capabilities currently provided by UHF Tac Sat (Referred to hereafter as TACSAT)**

- a. Engage with SK6 RM to identify specific users and specific requirements for UHF TACSAT [REDACTED]
- b. Generate outline Tactical BLOS specification to act as the basis for part 2 of this activity (to be reviewed by Stratcom before commencement of part 2)
- c. Review requirement with Stratcom Force Development team [REDACTED]
- d. Generate a TACSAT requirements summary report (At OS with stand-alone SUKEO Annex)

**2. Undertake a TACSAT technology study**

- a. Generate a candidate list of appropriate technologies capable of meeting the outline TACSAT specification. [REDACTED]
- b. Review technology readiness and suitability for TacSat applications
  - i. Based on the UHF TacSat requirements summary report
  - ii. Comparing performance to current UHF capability
  - iii. Considering how technologies could complement each other
  - iv. Considering any other implementation issues (deployability, safety, sovereignty, spectrum usage, filings etc.)
- c. Generate a TACSAT Technology and Capability report
  - i. Summarising findings or part 1 and part 2
  - ii. Recommending areas for development or further investigation

**Final Version SOR:**

**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**

<b>Task IP Conditions</b> (Follow the <a href="#">NIPPY</a> guide to identify your information and IP requirements for each deliverable)	<b>Summary of the Authority's rights in foreground IP (IP generated by the supplier in performance of the contract)</b>
DEFCON 703 <input checked="" type="checkbox"/>	Vests ownership with the Authority
DEFCON 705 Full Rights <input checked="" 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	
<i>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).</i>	
<i>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.</i>	

**DELIVERABLES**

<u>Ref</u>	<u>Title</u>	<u>Due by</u>	<u>Format</u>	<u>TRL</u>	<u>Expected classification (subject to change)</u>	<u>Information required in deliverable</u>	<u>IPR DEFCON</u>
D-1	Quarterly Progress and Technical Review (QPTR 1)	T0+3 Months	Presentation (.pptx)		[REDACTED}	Presentation pack to include but not limited to: <ul style="list-style-type: none"> <li>• Update on technical progress</li> <li>• Progress report against project schedule.</li> <li>• Review of risk management plan.</li> <li>• Commercial aspects.</li> <li>• Review of deliverables.</li> <li>• Risks/issues.</li> <li>• GFA and supplier performance</li> </ul>	705

**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>
<i>Serial no</i>	<i>Description</i>	<i>Official-Sensitive</i>	<i>Equipment</i>	<i>00/00/0000</i>	<i>Issuer</i>	<i>00/00/0000</i>	<i>Include details here</i>

**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	[Risk level]
Risk Assessment Reference	[Reference number]

**ADDITIONAL TERMS AND CONDITIONS APPLICABLE TO THIS CONTRACT**

Please ensure all completed forms are copied to [DSTLSERAPIS@dstl.gov.uk](mailto: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 S30/1000168343-1.0 (attached)

Delivery of the requirement: Self-delivered  Supply-chain delivered

Supplier	Proposal Reference	Version	Date
BAE Systems Applied Intelligence	S30/1000168343-1.0	1.0	15/10/2021

### 1. Background

This Proposal is submitted in response to the Statement of Requirements (the "SOR") and the individual activities stated within the Call-Off Tasking Form Part A (reference 1000168343).

This task is being self-delivered by BAE Systems Applied Intelligence.

### 2. Deliverables

The Contractor shall deliver the deliverable as set out in Section 7 of the Proposal.

### 3. Resources

In accordance with the Proposal, we acknowledge this work to be classed as up to [REDACTED] and all staff will have the required security clearances.

### 4. Implementation Plan

REQ 1000168343 will start on (T0) and complete on T0+3 months.

### 5. Dependencies

Dependencies are listed out in Section 9 of the Proposal.

### 6. Acceptance

The process and criteria for Acceptance for each deliverable is as detailed in Section 7 under the specific Deliverables in the Proposal.

### 7. Risks

The risks are detailed in Section 12 of the Proposal.

### 8. Special Terms

[REDACTED]

**PRICE BREAKDOWN**

The firm price to the Authority will be invoiced in accordance with the Contract at the times specified in the Milestones Deliverables and Payments schedules below.

The pre-contract TMS to the Authority will be firm price and will be invoiced in accordance with the Contract at the times specified in the Milestones Deliverables and Payments schedules below.

The assurance TMS to the Authority will be firm price and will be invoiced in accordance with the Contract at the times specified in the Milestones Deliverables and Payments schedules below.

All prices detailed in this Proposal are in £ sterling and exclusive of Value Added Tax, which shall be charged at the prevailing rate.

This Proposal is valid until 24.11.2021

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

<b>Total Proposal Price in £</b>	143,334.95	(ex VAT)	
<b>Start Date:</b>	T0	<b>End Date:</b>	T0+3 months
<b>Lot Leads Representative</b>	Name	[REDACTED]	
	Tel	[REDACTED]	
	Email	[REDACTED]	
	Date	[REDACTED]	
<b>Position in Company</b>	Head of Delivery - Defence		
<b>Signature</b>	[REDACTED]		

## Core Work – Breakdown

### Lot Lead Rates for Task Management Services (TMS)

Please insert/delete rows as necessary

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)
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<b>Total</b>				[REDACTED]		[REDACTED]	[REDACTED]

### Lot Lead Rates for Self-Delivery (only complete if applicable – otherwise delete table)

Please insert/delete rows as necessary

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 Self Delivery Cost (£) (Rate x total hours)
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<b>Total</b>				[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

### Travel, Subsistence, Materials & Equipment

Please insert/delete rows as necessary

Supplier Name	Spend Type	Description / Rationale	Unit Cost (£)	Qty	Total Cost (£)
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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<b>Total</b>					[REDACTED]

**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.

<b>Milestone 1</b>						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
EMR Delivery	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	31/12/2021	703
Requirements Capture				[REDACTED]		
				[REDACTED]		
<b>Milestone LMS recovery (£)</b>	0.00					

<b>Milestone 2</b>						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
EMR Delivery	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	31/03/2021	705
Technology Report				[REDACTED]		
				[REDACTED]		
<b>Milestone LMS recovery (£)</b>	0.00					

<b>Milestone 3</b>						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON
EMR Delivery Pre-Contract TMS	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	T0	n/a
Travel/Subsistence				[REDACTED]		
Materials/Equipment				[REDACTED]		
<b>Milestone LMS recovery (£)</b>	[REDACTED]					

<b>Milestone 4</b>						
Description	TMS cost (£)	Self-Delivery cost (£)	Sub-contractor cost (£)	Total milestone cost (£)	Milestone due date	DEFCON

<u>EMR Delivery</u> <b>Post-Contract TMS</b>	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	31/03/2022	n/a
Travel/Subsistence				[REDACTED]		
Materials/Equipment				[REDACTED]		
<b>Milestone LMS recovery (£)</b>	[REDACTED]					

## Tasking Form Part 3:

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

<b>1. Acceptance of Contract:</b>		
<b>Authority's Commercial Officer</b>	Name	[REDACTED]
	Tel	[REDACTED]
	Email	[REDACTED]
	Date	25/11/2021
<b>Requisition Number</b>		1000168343
<b>Contractor's Proposal Number</b>		[REDACTED]
<b>Purchase Order Number</b>		DSTLX-1000164973
<b>Signature</b>		[REDACTED]
<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>		