Once complete please email the Tasking Form to: • Official – [REDACTED] • Official Sensitive - [REDACTED]	

Note to Commercial Staff: [REDACTED] has been let and is owned by Defence Science & Technology Laboratory ([REDACTED]l) and any work placed under it is subject to UK Govt DEFCONs. Full DEFCON definitions can be found here: https://www.aof.mod.uk/aofcontent/tactical/toolkit/content/defcons/defcon.htm (note account required to access but easy to set up)	

TASKING FORM			
To:	[REDACTED]	**From (Organisation):**	[REDACTED]

Framework contract number:	[REDACTED]/AGR/01142/01
Agreed quotation date (if known):	

REQUIREMENT SUMMARY AND AUTHORITY CONTACTS:	
Project Manager (name & telephone)	[REDACTED]
Technical Lead (name & telephone)	[REDACTED]
Commercial Officer (name & telephone)	TBC by [REDACTED]once proposal received by [REDACTED] Commercial.
Task title (for [REDACTED]: max 30 characters inc AST/ prefix)	AST055 Novel Compute & Concept
Anticipated start date	1 Aug 21
Anticipated end date (core work)	31 Mar 21
Anticipated end date (options)	31 Mar 21
Requisition or Purchase Order ref	1000166285
ASTRID task number	AST 055
Task description	Please see attached Statement of Requirement

SCHEDULE OF REQUIREMENTS:
Brief list of requirements (core and options) – add rows as appropriate (full details appear in the attached Statement of Requirement)

Item No	Core or Option	Description / Title
D1	Core	Novel compute metrics, methods and presentations
D2	Core	Initial scope and research plans
D3	Core	Initial Triage of Novel Compute
D4	Core	Refined Understanding of Novel Compute
D5	Core	Novel Compute Symposium
D6	Core	Finalised Concepts & Hypotheses
D7	Core	Final Report
D8	Core	Monthly Progress meeting
D9	Core	Research Tasks (multiple)

Pricing:

Firm Price	☐
Ascertained cost* *only at Authority's discretion	☒

Firm Pricing shall be in accordance with DEFCON 127 or DEFCON 643 and DEFCON 648
Ascertained Costs shall be in accordance with DEFCON 653 or DEFCON 802.

Cyber Risk:

Risk level:	Very Low
Assessment ref:	RAR-DBAE3WWD
DEFCON 658	☒ (applicable for all risk levels except 'N/A')

DEFCONS:

Please confirm which specific DEFCONs are required for the task ([REDACTED]staff click here for greater DEFCON detail and NIPPY Guidance). If you are unsure, please discuss with your IP contact, or commercial

76	Edn 12/06	Contractor's Personnel at Government Establishments (The Contractor's liability under Condition 3 of DEFCON 76 (Edn 12/06) shall be limited to £50M per incident in accordance with the terms of the agreement between MOD and BAE Systems Plc reference DCS/04/02/32/01/07 dated 17/06/2014).	☒
91	Edn 11/06	Intellectual Property Rights In Software	☐

| 703 | Edn 08/13 | Intellectual Property Rights - Vesting In the Authority
To be specified on the Tasking Form | ☒ |
| 705 | Edn 11/02 | Intellectual Property Rights - Research and Technology
To be specified on the Tasking Form | ☐ |

Acceptance or rejection of deliverables
This <u>MUST</u> match the number of days stated in the SOR. The default for reports is 'up to 30 days', and the default for software is 'up to 60 days'. Please specify if requesting different and discuss with commercial

| 524 | Edn 10/98 | Rejection | 30 | days |
| 525 | Edn 10/98 | Acceptance
For the Purposes of schedule of requirements item 2 of this Contract the period for acceptance and rejection of deliverables shall be specified within the Tasking Form at Annex D. | 30 | days |

DELIVERABLES:

Please see attached SOR for full details

GFX:

| Yes | ☒ |
| No | ☐ |

If yes, please see attached SOR for full details of equipment / information / facilities

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Security Classification of the Work: (delete as appropriate*)

[REDACTED]

Failure to delete unnecessary higher classifications will result in delays at the firewall

The overarching ASTRID contract contains a Security Aspects Letter (SAL) covering tasks up to Official Sensitive at quotation stage. If the Statement of requirement (SOR) is a higher classification, please complete the relevant SAL and send with this tasking form and SOR.

If this is the case, please tick the box to indicate you are attaching a separate SAL for your task ☒

Any task placed as a result of your quotation will be subject to the Terms and Conditions of [REDACTED] contract number [REDACTED]/AGR/01142/01

ASTRID – TASKING FORM – Part B			
To:		**From:**	[REDACTED]
FAO:		**PoC:**	[REDACTED]
Tel:		**Tel:**	[REDACTED]

Proposal Reference AST\CMRCL\Prop\01902 (attached)
The proposal shall include, but not be limited to:

- A full technical proposal that meets the individual activities that are detailed in Statement of Requirement (Part A to Draft Tasking Form)
- A Work breakdown structure/project plan with key dates and Deliverables identified including required delivery dates for Government Furnished Assets.
- A clear identification of Dependencies, Assumptions, Risks and Exclusions which underpin your Technical Proposal.

COST BREAKDOWN (to be completed by the Contractor)
You are to use rates that have been previously agreed within the Analysis for Science & Technology Research in Defence (ASTRID) at Annex E.
Please also provide a price breakdown which should include, but is not limited to: labour costs, transportation, travel and subsistence, overheads and profit. In support of your Proposal you are requested to provide clear details of all Dependencies, Assumptions, Risks and Exclusions that underpin your price

Price quotation of **£583,764.89** (ex VAT) is submitted **for ASTRID Task 55 (R166285) – Novel Compute & Concepts** and breakdown attached

Ascertained Price	☒
Firm Price	☐
Hybrid*	☐

*if hybrid, please specify which pricing mechanism applies to which work packages and/or deliverables in the "Milestones Deliverables and Payments" table

VALUE FOR MONEY EVIDENCE - KPI 1 (to be completed by the Contractor)
The Collaborative sourcing mechanism was utilised for supplier selection. This maximises Value for Money by:
- Deploying the optimum team to deliver the work (maximising quality)
- Promoting discussions with the customer during proposal work up:
     Better aligning the supplier's understanding of the requirement,
     Better informing the customer's understanding of their problem and the solution to solving it,
     Eradicating 'gold plating',
     Deploying the appropriate SQEP and;
     Reducing technical (and financial) risk.
- Enforcing use of suppliers lowest UK Government rates
- Reviewing effort levels to ensure that they are commensurate with the required level of work
- The Technical Lead will provide assurance that the Statement of Work is delivered as per the specification [REDACTED]has a long history of working at all levels with the Ministry of Defence (MOD), successfully leading and participating in the delivery of complex research programmes by multi-vendor and multi-discipline teams. We were a trusted ASC supplier and successfully led over 10 projects under that framework. We have a deserved reputation for delivering to time and budget, balanced with appropriate risk management. Our successful leadership of Lot 6 of [REDACTED] SERAPIS framework (a six-year, £220 to £300 million research framework set up to manage all [REDACTED] research in C4ISR) demonstrates our ability to work collaboratively with a broad supply chain, including academic institutions, to deliver better returns on [REDACTED]investment in research. This task will directly benefit from the involvement of [REDACTED], the

Technical Authority for the SERAPIS Lot 6 Framework Management. [REDACTED] will support the task, particularly during WP3, with his broad and deep understanding of the future C4ISR capability need.

Some elements of the 'Opportunity' scope are already in place in the form of Southampton's own research, as well as the output of the [REDACTED] "Use of novel computational hardware in safety-related systems" mini-project which allowed Southampton to perform a comprehensive review of hardware for AI and assess its performance and prospects in depth. These works will be incorporated into the task outputs by their original authors, enabling efficient production of the task deliverables.

[REDACTED] will also benefit from [REDACTED] existing network of contacts. [REDACTED] is the largest UK innovation organisation with over 46,000+ organisations within its network spanning all sectors of the economy and including every university in the UK.

In particular this proposal contains the following elements:
 - An ability for the customer to veer and haul the work depending on technical progress (via LoL), reducing nugatory work when on contract
 - Removal of the supplier's risk budget (via LoL contract with the supplier), allowing for a lower price
 - Task Lead rates have been scrutinised and actively challenged on framework signup to drive value for money. This challenge has resulted in a reduction to the rates from those originally proposed to The ASTRID framework

Start date:	13/09/2021	End date:	31/03/2022

[REDACTED]Signed on behalf of the Contractor:

Printed name:	[REDACTED]	Date:	06/09/2021

Contractor's Cost Breakdown

PROVISION FROM PRIME:				
Service (Activity)* indicate whether work is pre or post award	**Rate £**	**Qty**	**Subtotal**	**Total**
[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]	[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]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
			GRAND TOTAL Ex VAT	**£583,764.89**

Milestones Deliverables and Payments					
Milestone No	**Description**	**Pricing (Ascertained or Firm)**	**£ Ex VAT**	**Due Date**	**Deliverable DEFCON 703 / 705 (14, 90 & 91)**
1	Provision of Contractable Scope of Work	Firm	[REDACTED]	13/09/21	N/A
2	D3 Initial Triage of Novel Compute	LoL	[REDACTED]	01/11/21	703
3	D6 Finalised Concepts and Hypotheses	LoL	[REDACTED]	01/02/22	703
4	D7 Final Report	LoL	[REDACTED]	31/03/22	703

TOTAL £ Ex VAT	**£583,764.89**

Request for Limitation of Liability	
Risk should sit with the party best placed to manage that risk. If the contractor believes that should be the Authority, they should provide a justification detailing the perceived risk, the limitation of liability requested, and link it to the relevant DEFCON where applicable.	
☐	No limitation requested
☐	Limitations requested – to be absorbed by Prime
☒	Limitations requested – see attached justification at Annex A

Requested Amendments to Framework Conditions
The Prime should detail below any requests for amendments to the terms and conditions of the Framework if deemed necessary for this particular task

It is assumed that there is no requirement to produce a deliverable quality plan for this task.

Liability Clause

1.1 Subject to Clauses 1.2 and 1.3, the Contractor's liability to the Authority under or in connection with this Contract shall be limited as follows:

(a). under Clauses 3 and 4 of DEFCON 76 shall not exceed £5m per incident; and

(b). under Clause 2 of DEFCON 514 shall not exceed 150% in aggregate of the Task Value; and

(c). under Clause 8 of DEFCON 611 shall not exceed 150% in aggregate of the Task Value; and

(d). under Clause 1 of DEFCON 612 shall not exceed 150% in aggregate of the Task Value; and

(e) under DEFCON 658 shall not exceed £5m per occurrence or series of connected occurrences; and

(f) subject to the Task Lead using reasonable endeavours to ensure that the software deliverables or modelling tools used for completion of the Task are free from any known viruses prior to its delivery, liability for loss arising from viruses shall not exceed £5M; and

(g) liability for breaches excepting breaches under or in connection with 1.1(a)-1.1(f) above, shall not exceed £5M.

1.2. Nothing in this Contract shall operate to limit or exclude the Contractor's liability:

(a). for:

i. any liquidated damages (to the extent expressly provided for under this Contract);

ii. any amount(s) which the Authority is entitled to claim, retain or withhold under clause 7 of DEFCON 670 (Tax Compliance), clause 22 and Annex G (Key Performance Indicators and Service Credits, DEFCON 811 and condition 1.3 of Annex I (Insurance Requirements) of this Contract . For the avoidance of doubt, liabilities arising under DEFCON 514 shall be limited in accordance with clause 1.1(b) above;

iii. Any interest payable in relation to the late payment of any sum due and payable by the Contractor to the Authority under this Contract;

iv. Any amount payable by the Contractor to the Authority in accordance with clause 23 and Schedule H of this Contract;

1.3 The Contractor shall not be liable, whether in contract, tort (including negligence), statute or otherwise for any indirect or consequential losses.

Options and Payments

Item No	Description / Title from Part A	£ (ex VAT)*	Expiry Date
1	**Work Package 9 – Research Activities**	**£216,000 (ROM)**	**31/10/2021**
Price(s) quoted to be held valid until end date of options ☐ *(If unticked a requote will be required)*			

	ASTRID – TASKING FORM – Part C

1. Offer of Contract: *(to be completed by Authority Commercial Services)*

Commercial Officer:		**Tel:**	
Vendor Agreement No (if applicable)**:**			
Purchase Order Number:			
Start date (T0) is deemed to be:		If preferred, [REDACTED] has given permission for you to amend the table in Part B to show actual due dates. If you make any changes, please change the font to RED and draw attention to them in the 'comments & clarifications' box below.	

Commercial comments and clarifications to proposal:

Commercial Approval:	
Date:	

Please Note: Task Authorisation to be issued by Authority Commercial Services Department once the Vendor Agreement and Purchase Order numbers have been inserted. Any work carried out prior to issue is at the Contractor's own risk

2. Unqualified Acceptance of Offer made in Part C.1 above: *(to be completed by the Prime Contractor and returned to Authority's Commercial Services)*

Name:		**Tel:**	
Position in Company:			
Signature :		**Date:**	

COMPLETION OF TASK *(to be completed by the Prime Contractor and returned to the nominated Authority Task owner as detailed in Part A - failure to return could result in payment being delayed)*

For the avoidance of doubt, Section D confirms the final value of the task. The value stated in this section will be the contracted value for the task and will take precedence over any previous values referred to in sections above.

Confirmation of Deliverables as per Part A:

Yes ☐   **No** ☐

Actual Task start date:	
Actual Task completion date:	
Final invoice submitted on:	
For firm price of:	£
For the final LoL price of:	£

Comments from Contractor on the task:

Task completed to Authority's satisfaction *(to be completed by nominated Task owner)*

Comments from Task owner on the task:

Anticipated exploitation inc timescales:	
Follow-up date with End User if necessary:	

Key Performance Indicators (KPIs):

Timeliness of deliverables:
This KPI is a pass or fail question and each deliverable will be given a score of either 1 for meeting the required date or 0 for failure to meet the required date.
Where any agreed contract amendments or changes to the delivery dates have been made, the revised delivery date will supersede the previous agreed date. Where a Deliverable is late as a result of the Authority's actions, and this is agreed to by the Authority, the deliverable shall be marked as on-time.

Total number of deliverables within task: _____	
Of which on time:	
Of which deemed late:	
Comments / Notes:	

Quality of Deliverables:
Deliverables are deemed to be accepted once the Authority has reviewed them and has confirmed that they are of an acceptable standard and is willing to pay the invoice associated with the deliverable. Deliverables can be rejected on the grounds of technical, financial and grammatical errors.

Mark:	Measure:	Number of deliverables in this category:
Accepted	Technically and editorially acceptable. Minor changes may be needed to improve exploitability of the output or to tailor the output for the end customer.	
Minor revisions	Deliverables require minor editorial and/or technical revisions prior to acceptance. Minor changes may also be needed to improve exploitability of the output or to tailor the output for the customer.	
Major revisions	Deliverables require significant editorial and/or technical revisions and further review by the Authority.	
Rejected	Deliverables do not meet the requirement and are rejected	

Any additional comments / Notes:	
Signed:	
Date:	

DIRECT LOSS - DEFCON 76 (Damage to Government Establishments)

RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
Risk that electronic files, exchanged within the course of this task contain viruses which infect the MOD networks upon which they are installed	Loss of MOD networks. Loss of MOD classified information to adversaries that are able to gain access	Unknown – high multi-millions	MOD to virus check any electronic files and assure they are free from virus infection prior to loading onto any MOD hardware. Subcontractor to virus check files, prior to provision to MOD. MOD to avoid installing software onto large networks where potential impact would be exponentially increased	Unknown – high multi-millions Or 0	£5m	Unknown – high multi millions Or 0	Low	Very high
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY		**Unknown**		**See above**		**Unknown**		

DIRECT LOSS - DEFCON 514 (Material Breach)								
RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
Under Clause 2 of DEFCON 514 shall not exceed 150% in aggregate of the Task Value								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY					the Contractor's liability to the Authority under or in connection with this Contract shall be limited as follows: Under Clause 2 of DEFCON 514 shall not exceed 150% in aggregate of the Task Value			

DIRECT LOSS - DEFCON 611 (Loss of or damage to Issued Property)								
RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
under Clause 8 of DEFCON 611 shall not exceed 150% in aggregate of the Task Value								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY					the Contractor's liability to the Authority under or in connection with this Contract shall be limited as follows: under Clause 8 of DEFCON 611 shall not exceed 150% in aggregate of the Task Value			

DIRECT LOSS - DEFCON 612 (Loss of or damage to Articles)								
RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
Clause 1 of DEFCON 612 shall not exceed 150% in aggregate of the Task Value								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY					The Contractor's liability to the Authority under or in connection with this Contract shall be limited as follows: Clause 1 of DEFCON 612 shall not exceed 150% in aggregate of the Task Value			

DIRECT LOSS - NEGLIGENCE (that is not included within DEFCON 76, 514, 611 & 612 above)								
RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
Negligence for professional liability; Damage as a result of services or advice provided by the contractor (or one of its subcontractors). For example: Damage or Loss due to an act, error and/or omission.	Task Lead may incorrectly analyse the data within the scope of this task, leading to incorrect 'advice' being provided, which could go on to incorrectly inform a strategic or operational decision.	**Unknown (depends on the situation in which the outputs of this task are used, which is current unforeseeable).**	1. ASTRID PMO and any subcontractor shall ensure that SQEP are used. 2. Ensure that all deliverables and outputs are peer and manager reviewed before formal release. 3. Task Lead will work closely with the Authority SQEP to minimise chance of errors / omissions. MOD are heavily involved with the acceptance testing and assurance of the outputs of this task, mitigating the risk of the worst case scenario.	**Unknown (depends on the situation in which the outputs of this task are used, which is current unforeseeable).**	Excluded	**Unknown (depends on the situation in which the outputs of this task are used, which is current unforeseeable).**	Low	Medium
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY				**Unknown**	**Excluded**	**Unknown**		

INDIRECT/CONSEQUENTIAL LOSS								
RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
Consequential Losses excluded in line with the above statement								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY				Not currently foreseeable.	Excluded	Not currently foreseeable.		