

ASTRID – TASKING FORM – Part A

Once complete please email the Tasking Form to:

- Official – ASTRID@baesystems.com.
- Official Sensitive – ASTRID@baesystems.r.mil.uk.

Note to Commercial Staff:

ASTRID has been let and is owned by Defence Science & Technology Laboratory (Dstl) 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: CORDA

From (Organisation):

Framework contract number:

DSTL/AGR/01142/01

Agreed quotation date (if known):

REQUIREMENT SUMMARY AND AUTHORITY CONTACTS:

Project Manager
(name & telephone)

[Redacted under FOI exemption Personal Information]

Technical Lead
(name & telephone)

[Redacted under FOI exemption Personal Information]

Commercial Officer
(name & telephone)

[Redacted under FOI exemption Personal Information]

Task title (for Dstl: max 30 characters inc
AST/ prefix)

AST/066 FMDL Study

Anticipated start date

1 October 2021

Anticipated end date (core work)

31 March 2023

Anticipated end date (options)

31 March 2023

Requisition or Purchase Order ref

1000168169

ASTRID task number

Task Number 066

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
Tranche 1	Core CONTRACT BREAKPOINT at end of Tranche 1 Decision Point 1 (DP1).	WP0 Cohere with other Studies; (DRS CSS OA, DRS HL Wargame, CSS MMTD); WP1 Baseline current E2E LSC; WP2 Identify potential Land Supply Chain (LSC) interventions; WP3 Data Collection.
Tranche 2	Core Start if instructed by DSTL Commercial after DP1 Decision Gate.	WP0 Cohere with other Studies (DRS CSS OA, DRS HL Wargame, CSS MMTD); WP4 Optimise current E2E LSC without any interventions; WP5 Detailed Characterisation of Interventions; WP6a Assess Intervention Impacts individually; WP6b Assess Intervention Impacts Collectively (looking for synergy effects); WP7 Future F-MDL Concept.
Tranche 3	Option Start if instructed by DSTL Commercial after DP1 Decision Gate.	WP8 Produce Strawman F-MDL FOC/Strategy.
Tranche 4	Option Start if instructed by DSTL Commercial after DP1 Decision Gate.	WP9 Test Intervention Options by doing sensitivity analysis in concurrent scenarios.

Pricing:	
Firm Price	<input checked="" type="checkbox"/>
Ascertained cost* *only at Authority's discretion	<input type="checkbox"/>
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:	[Redacted under Military sensitive technical information exemption]

Assessment ref:	[Redacted under Military sensitive technical information exemption]
DEFCON 658	<input checked="" type="checkbox"/> (applicable for all risk levels except 'N/A')

Limitation of Contractors Liability Risk: <i>(see attached SOR and Risk Assessment for more detail)</i>				
ASTRID Liability Spreadsheet: Demanders are required to complete an ASTRID liability spreadsheet that will look at the direct and indirect risks associated with their requirement. Performing this assessment before submitting the Task to CORDA prevents delays post receipt of proposal, which can add circa 4 weeks to the time to award. The ASTRID liability spreadsheet can be found at the following address: Each risk must be assessed in turn and a score for that risk entered in to the spreadsheet. A completed copy of the spreadsheet must be attached to this Tasking Form & SOR when submitting to CORDA. A copy must also be placed on ICAS with the requisition				
Direct Risk:		[Redacted under FOI exemption Commercial Interest]	In the event that a risk is scored as "Green" or "Yellow" the risk will be capped at pre-agreed limits of liability and demanders may continue with the submission of their requirement to CORDA. In the event that a risk is identified as "Amber" or "Red" demanders should discuss their requirement with their Commercial POC before the Task is submitted to CORDA.	
Indirect/Consequential Risk		[Redacted under FOI exemption Commercial Interest]	In the event that the risk is "Excluded" demanders may continue with the submission of their requirement to CORDA. In the event that the risk is identified as "Included" demanders should discuss their requirement with their Commercial POC before the Task is submitted to CORDA.	
DEFCONS (Defence Conditions):				
Please confirm which specific DEFCONS are required for the task (Dstl staff click for greater DEFCON detail and NIPPY Guidance). If you are unsure, please discuss with your IP contact, or commercial				
91	Edn 11/06	Intellectual Property Rights In Software		<input type="checkbox"/>
539	Edn 08/13	Transparency (automatically included unless removed by Authority Commercial staff for exemption reasons)		<input checked="" type="checkbox"/>
703	Edn 08/13	Intellectual Property Rights - Vesting In the Authority To be specified on the Tasking Form		<input type="checkbox"/>
705	Edn 11/02	Intellectual Property Rights - Research and Technology To be specified on the Tasking Form		<input type="checkbox"/>
Acceptance or rejection of deliverables This MUST 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		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		days

		deliverables shall be specified within the Tasking Form at Annex D.		
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Defence Based Simulation and Modelling:		
Defence Standard	03- 050	<input type="checkbox"/>
Other		<input type="checkbox"/>

DELIVERABLES: Please see attached SOR for full details

GFX:	
Yes	<input checked="" type="checkbox"/>
No	<input type="checkbox"/>
If yes, please see attached SOR for full details of equipment / information / facilities	

Security Classification of the Work: (delete as appropriate*)
[Redacted under Military sensitive technical information exemption]
<p><i>*Failure to delete unnecessary higher classifications will result in delays at the firewall</i></p> <p>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.</p> <p>If this is the case, please tick the box to indicate you are attaching a separate SAL for your task</p>
<input checked="" type="checkbox"/>

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

ASTRID – TASKING FORM – Part B

To:	From:	CORDA
FAO:	PoC:	[Redacted under FOI exemption Personal Information]
Tel:	Tel:	[Redacted under FOI exemption Personal Information]

Proposal Reference AST\CMRCL\Prop\01974 (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 **£86,724.42** (ex VAT) is submitted for **Task 66 (R168169) – FMDL Study** 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
- Value-for-money is maximised through a combination of the key individuals' 20+years' experience of system-dynamics modelling of logistics, re-use of the SCALE model, and the recent lessons learnt from developing and running SCALE, in particular:
- Previously we have used a COA to agree data, analysis and outputs. This which works well with well-defined options in business-cases but here, where options are being explored, it may be too abstract for

stakeholders to buy-in to. Instead we propose presenting the analysis and result-visualisations used across the SCALE case studies and allow stakeholders to review a 'dummy report' based on these, modifying as the project progresses;

- Using selective sensitivity analysis around particular data for which data confidence is low; and
- Running the 'theoretical baseline' (the assumed doctrine and assets) and 'practical baseline' (including the workarounds logs will use to 'make it work') to differentiate between problems avoided and problems solved.

In particular this proposal contains the following elements:

- Confidence that a supplier will deliver the agreed requirements for an agreed firm price
- Task Lead rates have been scrutinised and actively challenged on framework signup to drive value for money.

Start date:	1 st November 2021	End date:	31 st March 2022
Signed on behalf of the Contractor: [Redacted under FOI exemption Personal Information]			
Printed name:	[Redacted under FOI exemption Personal Information]	Date:	22.10.21

Contractor's Cost Breakdown

[illegible]

[illegible]

	Commercial Interest]	Commercial Interest]	Commercial Interest]	
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
GRAND TOTAL Ex VAT				£86,724.42

Milestones Deliverables and Payments					
Milestone No	Description	Pricing (Ascertained or Firm)	£ Ex VAT	Due Date	Deliverable DEFCON 703 / 705 (14, 90 & 91)
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
TOTAL £ Ex VAT			£86,724.42		

Request for Limitation of Liability	
The Authority has performed a review of the risk profile for this Task and the proposed limitation of contractors liability is summarised in part A of this Tasking Form, and detailed in the ASTRID Liabilities spreadsheet attached to the Statement of Requirement. If required to do so by the Liabilities spreadsheet, or if the the Contractor believes that the risk profile is incorrect, they should complete Annex A providing details of the identified risk, the mitigations in place, and the revised limitation of contractors liability requested.	
<input checked="" type="checkbox"/>	Additional limitations included – see attached completed form 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
[Redacted under FOI exemption Commercial Interest]

Options and Payments			
Item No	Description / Title from Part A	£ (ex VAT)*	Expiry Date
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
*Price(s) quoted to be held valid until end date of options <input type="checkbox"/> (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:	[Redacted under FOI exemption Personal Information]	Tel:	[Redacted under FOI exemption Personal Information]
Vendor Agreement No (if applicable):	[Redacted under FOI exemption Commercial Interest]		
Purchase Order Number:	[Redacted under FOI exemption Commercial Interest]		
Start date (T0) is deemed to be:	04/11/2021	If preferred, CORDA 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: N/A

Commercial Approval Signature:	[Redacted under FOI exemption Personal Information]
Date:	04/11/2021

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:	

ASTRID – TASKING FORM – Part D

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:

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

Key Performance Indicators (KPIs):
<p>Timeliness of deliverables:</p> <p>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.</p> <p>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.</p>

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:	
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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
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY				[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]		

DIRECT LOSS - DEFCON 514 (Material Breach)

Choose an item.

Annex A to ASTRID Tasking Form

RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
[Redacted under FOI exemption Commercial Interest]								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY								

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
[Redacted under FOI exemption Commercial Interest]								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY					[Redacted under FOI exemption Commercial Interest]			

DIRECT LOSS - DEFCON 612 (Loss of or damage to Articles)

Choose an item.

Annex A to ASTRID Tasking Form

RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact
[Redacted under FOI exemption Commercial Interest]								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY					[Redacted under FOI exemption Commercial Interest]			

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
[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY				[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]		

INDIRECT/CONSEQUENTIAL LOSS								
RISK (Situation)	Worst Case Scenario	Worst Case Cost £	Mitigation	Post Mitigation Cost £	Proposed LOL	Contingent Liability	Probability	Impact

Choose an item.

Annex A to ASTRID Tasking Form

[Redacted under FOI exemption Commercial Interest]								
TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY				[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]	[Redacted under FOI exemption Commercial Interest]		