

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): Dstl

Framework contract number: DSTL/AGR/01142/01

Agreed quotation date (if known):

REQUIREMENT SUMMARY AND AUTHORITY CONTACTS:

**Project Manager
(name & telephone)**

Redacted under FOIA Section 40 – Personal information

**Technical Lead
(name & telephone)**

Redacted under FOIA Section 40 – Personal information

**Commercial Officer
(name & telephone)**

Redacted under FOIA Section 40 – Personal information

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

Measurement of Effectiveness for Military Search

Anticipated start date

23 Jan 23

Anticipated end date (core work)

22 Dec 23

Anticipated end date (options)

27 Sep 24

Requisition or Purchase Order ref

RQ0000023488

ASTRID task number

242

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 |
| 1 | Core | Use internal Dstl expertise / documents to get a good understanding of the system as a whole. |
| 2 | Core | Validate this system through observations of real high assurance military search. |
| 3 | Core | Identify top level Measures of Effectiveness (MoE). |
| 4 | Core | For each top level MoE, identify constituent Measures of Performance (MoPs) that can be measured. |
| 5 | Core | Use human sciences expertise throughout to identify measures and understand the part humans play in the system. |
| 6 | Core | Perform this analysis for current equipment. |
| 7 | Core | Use workshops to get a draft method to combine different measures into an overall measure of effectiveness for each top level category. |
| 8 | Core | Validate the results of the aggregation with stakeholders. |
| 9 | Core | Provide Dstl with a tool to implement, and documentation explaining the motivation and reasoning. |
| 10 | Option | Expand the application of the MoE work to incorporate Next Generation and Generation After Next applications and possibly other 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 FOIA Section 43 – Commercial Interest |
| Assessment ref: | Redacted under FOIA Section 43 – Commercial Interest |
| 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> | | |
|--|--|--|
| Redacted under FOIA Section 43 – Commercial Interest | | |
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|--|---|--|
| | Section 43 – Commercial Interest | |
|--|---|--|

DEFCONS (Defence Conditions):

Please confirm which specific DEFCONS are required for the task (Dstl staff click here 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 checked="" 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 | 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 |

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 FOIA Section 43 – Commercial Interest

**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

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|---|---|
| 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: Redacted under FOIA Section 40 – Personal information |
| FAO: | PoC: Redacted under FOIA Section 40 – Personal information |
| Tel: | Tel: Redacted under FOIA Section 40 – Personal information |

| | | | |
|--|-----------------------|-----------|--------------|
| Proposal Reference AST\CMRCL\Prop\02499 (attached) The proposal shall 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 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 £134,062.03 (ex VAT) is submitted for ASTRID Task 0242 - ESDI MOE for Military Search and breakdown attached Ascertained Price <input checked="" type="checkbox"/> Firm Price <input type="checkbox"/> Hybrid* <input type="checkbox"/> *if hybrid, please specify which pricing mechanism applies to which work packages and/or deliverables in the “Milestones Deliverables and Payments” table | | | |
| Redacted under FOIA Section 43 – Commercial Interest Redacted under FOIA Section 43 – Commercial Interest Redacted under FOIA Section 43 – Commercial Interest | | | |
| Start date: | T0 (assumed 01/03/23) | End date: | T0+10 months |
| Signed on behalf of the Contractor: Redacted under FOIA Section 40 – Personal information | | | |

| | | | |
|---------------|---|-------|------------|
| Printed name: | Redacted under FOIA Section 40 – Personal information | Date: | 01/02/2023 |
|---------------|---|-------|------------|

Contractor's Cost Breakdown

| PROVISION FROM PRIME: | | | | |
|---|---|---|---|---|
| Service (Activity)* indicate whether work is pre or post award | Rate £ | Qty | Subtotal | Total |
| Redacted under FOIA Section 40 – Personal information | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest |
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| Redacted under FOIA Section 40 – Personal information | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest |
| Travel & Subsistence UK Road Mileage Accommodation Day and Night subsistence Other (Rail/Air) (Provide Detail) | | | | £0.00 |
| Other e.g. materials (provide detail) | | | | £0.00 |
| PROVISION FROM SUBCONTRACTORS: | | | | |
| Service | Cost £ | Qty | Subtotal | Total |
| CORDA (Technical Lead) | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest |
| Roke Manor Research Limited (Task Lead) | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest |
| GRAND TOTAL Ex VAT | | | | £134,062.03 |

| Milestones Deliverables and Payments | | | | | |
|--|--|--|--|--|--|
| Milestone No | Description | Pricing (Ascertained or Firm) | £ Ex VAT | Due Date | Deliverable DEFCON 703 / 705 (14, 90 & 91) |
| Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest | Redacted under FOIA Section 43 – Commercial Interest |
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| TOTAL £ Ex VAT | | | £134,062.03 | | |

| 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 |

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| Requested Amendments to Framework Conditions |
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| The Prime should detail below any requests for amendments to the terms and conditions of the Framework if deemed necessary for this particular task |
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| Redacted under FOIA Section 43 – Commercial Interest |
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|-----------------------------|--|--|--|
| Options and Payments | | | |
|-----------------------------|--|--|--|

| Item No | Description / Title from Part A | £ (ex VAT)* | Expiry Date |
|---------|---------------------------------|--|-------------|
| 1 | Option 1 | Redacted under FOIA Section 43 – Commercial Interest | 30/04/23 |

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| *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 FOIA Section 40 – Personal information | Tel: | Redacted under FOIA Section 40 – Personal information |
| Vendor Agreement No (if applicable): | PA0000001237 | | |
| Purchase Order Number: | | | |
| Start date (T0) is deemed to be: | 16/03/2023 | 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. | |

This contract is subject to all CQs as per document “RQ0000023488_CQ_v5_Dstl”

| | |
|---|---|
| Commercial Approval: | Redacted under FOIA Section 40 – Personal information |
| Date: | 16/03/2023 |
| 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: | | |

| 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 |
| | | | | | | | | |
| TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY | | | | | | | | |

| DIRECT LOSS - DEFCON 514 (Material Breach) | | | | | | | | |
|--|---------------------------|----------------------------|------------|---------------------------------|-----------------|-------------------------|-------------|--------|
| RISK (Situation) | Worst Case Scenario | Worst Case Cost £ | Mitigation | Post Mitigation Cost £ | Proposed LOL | Contingent Liability | Probability | Impact |
| | | | | | | | | |
| 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 |
| | | | | | | | | |
| TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY | | | | | | | | |

| 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 |
| | | | | | | | | |
| TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY | | | | | | | | |

| 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 |
| | | | | | | | | |
| TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY | | | | | | | | |

| INDIRECT/CONSEQUENTIAL LOSS | | | | | | | | |
|--|---------------------|----------------------|------------|---------------------------------|-----------------|-------------------------|-------------|--------|
| RISK (Situation) | Worst Case Scenario | Worst Case Cost £ | Mitigation | Post Mitigation Cost £ | Proposed LOL | Contingent Liability | Probability | Impact |
| | | | | | | | | |
| TOTAL PROPOSED CONTRACTOR'S LIMIT OF LIABILITY | | | | | | | | |