

## SERAPIS TASKING FORM

**COMPLETE SQUARE BRACKETS AND REMOVE COMMENTS BEFORE SENDING TO THE SUPPLIER**

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

|   |   |   |   |
|---|---|---|---|
| <b>To:</b>  | Lot 3 QinetiQ Plc   | <b>From:</b>  | Dstl  |
| <b>REQUIREMENT</b>  |   |   |   |
| <b>Proposal Required by:</b>  | 30/08/2022  | <b>Task ID Number:</b>                              | D41   |
| <b>Project Manager:</b>   | Redacted under FOIA Section 40 - Personal Information   | <b>Technical Point of Contact:</b>                  | Redacted under FOIA Section 40 - Personal Information |
| <b>Task Title:</b>  | C2 Coherence  | <b>New Task</b> <input checked="" type="checkbox"/> | <b>Change</b> <input type="checkbox"/>                |
| <b>Required Start Date:</b>   | 01/09/22  | <b>Required End Date:</b>                           | 28/07/23  |
| <b>Requisition No:</b>  | RQ0000017717  | <b>Budget Range</b>                                 | Up to £300k This FY<br>Up to £100k Next FY            |
| <b>TASK DESCRIPTION AND SPECIFICATION</b>   |   |   |   |
| <b>Serapis Framework Lot</b>  | <input type="checkbox"/> Lot 1: Collect<br><input type="checkbox"/> Lot 2: Space systems<br><input checked="" type="checkbox"/> Lot 3: Decide<br><input type="checkbox"/> Lot 4: Assured information infrastructure<br><input type="checkbox"/> Lot 5: Synthetic environment and simulation<br><input type="checkbox"/> Lot 6: Understand |   |   |
| <p><b>Dstl Command and Control (C2) Project</b></p> <p>The C2 Project requires Industry support to further develop research in C2 Coherence. Dstl specifically require support in the following areas:</p> <p><b>1. C3Fire microworld capability development</b></p> <p>Prior research under Dstl's Agile C2 project has enhanced S&amp;T capability to support C2 research, experimentation and assessment. Capability enhancements have included improved functionality in the C3Fire microworld<sup>1</sup> and the establishment of the C2 Experimentation Laboratory (C2EL), hosted on D-Cloud.</p> <p>C3Fire enables experimentation into sensemaking, decision-making and teamwork at the C2 organisation and enterprise levels, in a controlled environment with sufficient ecological validity for military personnel to participate effectively. It is currently used by C2 researchers in the UK and Australia as a way to develop and assess concepts that seek to improve C2 capability.</p> |   |   |   |

<sup>1</sup> Owned by C3 Learning Labs, Sweden AB and licensed to Dstl until Mar 31 2026.

As part of Dstl's Command and Control project, further support is required to enhance C3Fire functionality and so that it can be exploited by researchers via UK-based experiments (e.g. within the C2EL), and collaboratively with close allies, including Australia.

Deliverable: WP1 Technical Note summarising work completed, outcomes and benefits.

## 2. Refinement and analysis of C2 Challenges

Prior research under Dstl's Agile C2 project served to identify a set of C2 Challenges, reflecting key arguments in Joint Concept Note 2/17: Future of Command and Control.

Support is now required to develop and refine that set of C2 Challenges. This will be achieved by:

- Reviewing and proposing updates to the existing set of C2 Challenges, driven by new conceptual thinking within the C2 stakeholder community.
- Eliciting and analysing evidence, from C2 practitioners, that, reflects C2 issues and perceived needs for C2 capability improvements within HQs. The evidence will be analysed in the context of the C2 Challenges, to develop a refined view that indicates the relevance, importance and form of the C2 Challenges from different HQs' perspectives. Stakeholders may include both STRATCOM and Australian Defence Force (ADF) HQs.
- Analysis of C2 Challenges to inform C2 research priorities and opportunities for International Research Collaboration (IRC).

Deliverable: WP2 Technical Note summarising work completed, outcomes and benefits.

## 3. Further support to C2 research

This task includes further support to the C2 project, through the provision of C2 subject matter expertise, in a number of potential areas. Tasking and direction will be provided by the C2 project PTA during the lifetime of the support contract. Potential tasks include:

- Support to C2 Knowledge Curation (e.g. the establishment of a virtual 'C2 Café' for sharing of C2 problems, solutions and knowledge across the C2 stakeholder and research communities)
- Support to development of Counter-Command Warfare concepts and solutions.

Deliverable: WP3 Technical Note summarising work completed, outcomes and benefits.

## 4. C2 Capability Audit methodological development

Joint Warfare require support in developing a method for a C2 Capability Audit. This is a novel problem because C2 has not previously been managed or assessed as a capability. Key challenges include how to characterise C2 as a capability and how to measure or otherwise judge C2 capability performance.

Support is required in the development of an appropriate C2 taxonomy (definition, principles, functions/activities etc.) and a methodology for conducting a C2 capability audit, recognising the challenges above.

Deliverable: WP4 Technical Note summarising work completed, outcomes and benefits.

### 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**

DEFCON 703  or DEFCON 705  DEFCON 91 (Software)

**DELIVERABLES**

D1: WP1 - Technical Note summarising work completed, outcomes and benefits.

D2: WP2 - Technical Note summarising work completed, outcomes and benefits.

D3: WP3 - Technical Note summarising work completed, outcomes and benefits.

D4: WP4 - Technical Note summarising work completed, outcomes and benefits.

**Deliverable: Acceptance / Rejection Criteria** (30 business days unless agreed otherwise)

DEFCON 524 Rejection  period [30] days

DEFCON 525 Acceptance  period [30] days

**ISSUE OF EQUIPMENT/MATERIAL/INFORMATION**

Dstl to provide previous report(s) on C2 Challenges and C3Fire mircoworld commissioned previously by Agile C2 through the Serapis framework.

**QUALITY STANDARDS**

**SECURITY CLASSIFICATION OF THE WORK** (A Security Aspects Letter (SAL) will be required for each Task above Official-Sensitive, Quotes are covered by the Framework SAL)

**The highest classification of this SOR**

**Redacted under FOIA Section 24 - National Security**

**The highest expected classification of the work carried out by the contractor**

**Redacted under FOIA Section 24 - National Security**

**The highest expected classification of Deliverables/Output**

**Redacted under FOIA Section 24 - National Security**

SAL Attached

**TASK CYBER RISK ASSESSMENT.** (In accordance with [DEF STAN 05-138](#) and the [Risk Assessment Workflow](#))

**Redacted under FOIA Section 26 - Defence**

**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.

Any Task placed as a result of your quotation will be subject to the Terms and Conditions of Framework Agreement Number:

**LOT 3 DSTL/AGR/SERAPIS/DEC/01**

**Tasking Form Part 2: (To be completed by the Lot Lead)**

|  |                           |
|--|---------------------------|
| <b>To:</b> The Authority<br>FAO: <small>Redacted under FOIA Section 4C</small><br>Tel: | <b>From:</b> The Lot Lead |
|--|---------------------------|

|   |  |                   |
|---|--|-------------------|
| <b>Proposal Reference</b>   | <b>QINETIQ/Serapis D41 – dated 2<br/>         Sep 22</b> | <b>(attached)</b> |
| <b>Delivery of the requirement:</b><br><b>The proposal shall include, but not be limited to:</b> <ul style="list-style-type: none"> <li>• A full technical proposal that meets the individual activities that are detailed in Statement of Requirements (Part 1 to Tasking Form).</li> <li>• Breakdown of individual Deliverables, with corresponding Intellectual Property rights applied.</li> <li>• Breakdown of Interim Milestone Payments, with corresponding due dates.</li> <li>• A work breakdown structure/project plan with key dates and deliverables identified.</li> <li>• A list of required Government Furnished Assets from the Authority, including required delivery dates.</li> <li>• A clear identification of Dependencies, Assumptions, Risks and Exclusions which underpin your Technical Proposal.</li> <li>• Sub-Contractors Personnel Particulars Research Worker Form and security clearances (if applicable)</li> </ul> |  |                   |

**COMMERCIAL**

Redacted under FOIA Section 43 - Commercial Interests

The prices in this proposal are based on our current agreed rates which are valid until July 2023 only. Any work beyond this date will therefore be subject to review and amended to include any agreed rates uplift as set out under Clause 8 (Variation in Price) in the Serapis Framework Agreement LOT 4 DSTL/AGR/SERAPIS/AII/01.

Redacted under FOIA Section 43 - Commercial Interests

|                                  |   |          |
|----------------------------------|---|----------|
| <b>Total Proposal Price in £</b> | <ul style="list-style-type: none"> <li>• Firm Price Work (TMS, WP1 C3 Fire microworld capability development, WP2 &amp; WP4) = <b>£224,980.87</b></li> <li>• WP4. C2 Capability Audit methodological development (PFT C2 Resilience) £59,444.76</li> <li>• FY23 WP3 - Further support to C2 research LoL = £60,000.00</li> <li>• <b>2. Refinement and analysis of C2 Challenges WP2 FY24 continued</b> LoL = £248,190.00</li> <li>• Firm Price Costed Option for WP1 - C3 Fire D37 Experiment Support = £76,847.20</li> </ul> | (ex VAT) |
|----------------------------------|---|----------|

|                                 |  |   |           |
|---------------------------------|--|---|-----------|
|                                 | <ul style="list-style-type: none"> <li>T&amp;S LoL = £6,717.34</li> </ul> <b>Total = £676,180.16</b> |   |           |
| <b>Start Date:</b>              | Sep 22   | <b>End Date:</b>                                      | 31 Dec 23 |
| <b>Lot Leads Representative</b> | Name   | Redacted under FOIA Section 40 - Personal Information |           |
|                                 | Tel  |   |           |
|                                 | Email  |   |           |
|                                 | Date   | 2 <sup>nd</sup> September 2022                        |           |
| <b>Position in Company</b>      | Assistant Commercial Manager   |   |           |
| <b>Signature</b>                | Redacted under FOIA Section 40 - Personal Information  |   |           |

**Core Work – Breakdown**

**Redacted under FOIA Section 43 - Commercial Interests**

Redacted under FOIA Section 43 - Commercial Interests

Redacted under FOIA Section 43 - Commercial Interests

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**Milestone breakdown costs**

**Proposed Milestones Payments**

**Redacted under FOIA Section 43 - Commercial Interests**

Redacted under FOIA Section 43 - Commercial Interests

Options – Summary

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Firm Price Costed Option C3 Fire D37 Experiment Support Breakdown

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# Redacted under FOIA Section 43 - Commercial Interests

## 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:  |   |   |
|---|---|---|
| <b>Authority's Commercial Officer</b>   | Name  | Redacted under FOIA Section 40 - Personal Information |
|   | Tel   |   |
|   | Email   |   |
|   | Date  | 30/09/2022  |
| <b>Requisition Number</b>   | RQ0000017717  |   |
| <b>Contractor's Proposal Number</b>   | PROPOSAL FOR SERAPIS TASK D41 – C2 Coherence          |   |
| <b>Purchase Order Number</b>  | DSTL0000008274  |   |
| <b>Signature</b>  | Redacted under FOIA Section 40 - Personal Information |   |
| <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> |   |   |