

Schedule 3 (Tasking Form)

FINAL

Tasking Identification

| | | | |
|--|---|---------------------------|---------------|
| Unique Tasking Order Number | 700028325 | Version No. & Date | 1- 16/12/2019 |
| FATS Business Case Number | Original FBC Amendment FBC (FATS team supplied) | Supplier Reference Number | |
| Project / Equipment for which task is in support | | UOR | |
| Task Title | MAST-13 USV for High Trl Experimentation & Tactical Development | | |
| Filter Name and Number: | 3 - Maritime Engineering | | |

Please refer to FATS Customer Guidance for definition of Work Category

| | | | |
|---------------------------------------|---------------|--------------------|---------------------------------|
| Directorate & PT / Organisation Title | Navy X MARCAP | Supplier Name | Autonomous Surface Vehicles Ltd |
| PT Leader/ Project Manager | [REDACTED] | Post | [REDACTED] |
| Post | [REDACTED] | Address | [REDACTED] |
| Address | [REDACTED] | | [REDACTED] |
| | [REDACTED] | | [REDACTED] |
| | [REDACTED] | | [REDACTED] |
| Postcode | [REDACTED] | Postcode | [REDACTED] |
| Telephone / Fax No | [REDACTED] | Telephone / Fax No | [REDACTED] |
| E-mail | [REDACTED] | E-mail | [REDACTED] |
| UIN & RAC | [REDACTED] | CPV Code | [REDACTED] |

| | | | |
|---------------------------|------------|--|------------|
| Date Draft Tasking Issued | 04/12/2019 | Deadline for Authority's receipt of Tenderer's response to the Draft Tasking | [REDACTED] |
|---------------------------|------------|--|------------|

1. Schedule of Requirements

Brief summary of requirement – expand/delete rows as appropriate (full details appear below in the Statement of Requirement)

| Item No | Description | Firm Price £ (Ex VAT) |
|---------|---------------------|-----------------------------|
| 1 | [REDACTED] | [REDACTED] |
| 2 | [REDACTED] | [REDACTED] |
| 3 | [REDACTED] | [REDACTED] |
| 4 | [REDACTED] | [REDACTED] |
| | <u>Total</u> | <u>£1,019,250.00</u> |

STATEMENT OF REQUIREMENT

| | | |
|---|--|-----------------------------------|
| Unique Tasking Number 700028325 | Issue Number & Date 1 - 10/11/2019 | Supplier Reference Number: |
| Task Title: MAST 13 - USV | | |
| Brief Description of Task (or see attached detailed Statement of Requirement): <p>Maritime Autonomy Surface Testbed (MAST) is a USV that incorporates advanced autonomy. The MAST software is MOD owned as is the design for the MAST-13 vessel. This vessel is MAPLE[1] integrated, enabling direct links with Programme NELSON and the Dstl research programme to test and evaluate the wider system of systems concepts. The commonality with the CSA research programme will enable the rapid transition of research to operational concept experimentation.</p> <p>USVs could offer a potent capability for the Naval fleet; increasing protection and information for the RN warships by detecting and engaging threats at range from the task group. A USV testbed capable of operating at high speed and with the ability to integrate a range of payloads will enable NavyX to experiment on tactics, techniques and procedures. This will enable the understanding of the role of USVs, in conjunction with other assets, to reduce risk and increase mass and effect in delivering these operations.</p> <p>[1] Maritime Autonomous systems Platform Exploitation (MAPLE), the UK's world leading UxV C2 integration architecture.</p> | | |
| Background/Justification: <p>The purchase of MAST enables NavyX to test, evaluate and refine relevant operational tactics, techniques and procedures for the use of this USV system to complement existing assets to enhance capability. It also enables the assessment of the capability of this vessel against other USV options, notably BAES PAC24, to be trialled by NavyX in developing greater granularity of understanding of their capabilities, operational applications and coherent working practices.</p> <p>To deliver the activity, a suitable military off the shelf (MOTS), MAST and MAPLE enabled, USV will be procured to enable the testing of USV concepts</p> | | |
| Activities to be Undertake: <p>L3 Harris are to construct a 13 metre Unmanned Surface Vehicle, based on the MAST 13 design delivered to DSTL. Before full acceptance of the contract, the build must be completed along with Factory Acceptance Test (FAT), Sea Trials and Autonomy Software Trials.</p> | | |
| Deliverables: (insert here or below Key Deliverables template) <p>Contract Award and Purchase of Material - 16 Dec 2019 Design Review – by 31 Jan 2020 Vessel Production – Completion by 30 May 2020 FAT & Sea Acceptance Trials – 31 Aug 2020</p> | | |
| Acceptance/Rejection criteria / provisions <p>Acceptance:</p> <p>Design Review must assure the customer that the build will safely deliver the vehicle into service, and be compliant with all relevant legislation (i.e. MCA).</p> <p>Vessel production must be to the agreed design specifications.</p> <p>Vessel must meet the standards articulated in the requirements and acceptance documentation.</p> | | |

Rejection:

Inadequate design documentation.
Insufficient build quality.
Incomplete FAT and/or Sea Trials.

Key Project Indicators (KPIs) and Performance Management Requirements

Materials Purchased
Welding Complete
Painting Complete
Mechanical Installation Complete
Integration Testing
Factory Testing
Sea Trials

Government Furnished Assets (GFA) (List all GFA applicable to the task in accordance with DEFCON 611 (Edn 02/16) & 694 (Edn 03/16))

Additional Quality Requirements & Standards:

Timescale: 8 months

Commencement Date: 16 Dec 19

Delivery Date: 31 Aug 20

Project Manager: [REDACTED]

Signature: [REDACTED]

Date: [REDACTED]

2. Order Conditions

All conditions of the framework shall apply as supplemented by the terms selected below. The two sets of conditions become a binding contract at the time of signature on the Schedule.

Type of Contract

| | |
|--|-------------------------------------|
| Competitive Competitive Award Criteria Weightings | <input type="checkbox"/> |
| Reverse Auction used? | <input type="checkbox"/> |
| Single Source | <input checked="" type="checkbox"/> |

General Conditions

| | | | |
|--|--------------------------|---|--------------------------|
| DEFCON 624 (Edn 04/10) – Use of Asbestos in Arms, Munitions or War Materials | <input type="checkbox"/> | DEFCON 603 (Edn 10/04) – Aircraft Integration and Clearance Procedure | <input type="checkbox"/> |
| DEFCON 176A (Edn 06/08) - MOD Requirements For Competition In Subcontracting (Non-Competitive Main Contract) | <input type="checkbox"/> | Additional Conditions <i>A sheet is to be attached detailing any conditions that have been added</i> | <input type="checkbox"/> |
| DEFCON 514A (Edn 03/16) Failure of Performance under Research and Development Contracts | <input type="checkbox"/> | | |

Special Indemnity Conditions

| | |
|--|--------------------------|
| DEFCON 661 (Edn 10/06) – War Risk Indemnity | <input type="checkbox"/> |
| DEFCON 661A (Edn 05/02) – War Indemnity Risk (Alternative Version) | <input type="checkbox"/> |
| DEFCON 684 (Edn 01/04) – Limitation upon Claim in Respect of Aviation Products | <input type="checkbox"/> |
| DEFCON 638 (Edn 12/08) – Flights Liability and Indemnity | <input type="checkbox"/> |

Pricing Conditions Required

| | |
|--|-------------------------------------|
| Firm Priced at Outset (<i>this applies to all tasks other than by exception</i>) | <input checked="" type="checkbox"/> |
| For single source tasks valued below £5M, the following conditions shall apply: DEFCON 127 (Edn 12/14) – Price Fixing Condition for Contracts of a Lesser Value DEFCON 812 (Edn 04/15) – Single Source Open Book DEFCON 815 (Edn 04/15) – Contract Pricing Statement – Single Source Non-qualifying contracts | <input checked="" type="checkbox"/> |
| Exceptionally, if other than Firm Priced at Outset (<i>include additional conditions in attachment & complete Appendix 4</i>) | <input type="checkbox"/> |

Payment Terms

(Use of CP&F and Payment on Completion are the default)

| | | | |
|--|--------------------------|--|-------------------------------------|
| DEFCON 522 (Edn 18/11/16) | <input type="checkbox"/> | Milestone/Stage Payments <i>(see DEFCON 649 (Edn 07/99) below)</i> | <input checked="" type="checkbox"/> |
| DEFCON 5J (Edn 03/15) – Unique Identifiers | <input type="checkbox"/> | DEFCON 649 (Edn 07/99) – Vesting <i>(applicable to Tasks with deliverables where provision has been made for milestone/Stage payments in advance of completion)</i> | <input checked="" type="checkbox"/> |
| DEFCON 129 (Edn 07/08) – Packaging (For Articles other than Ammunition & Explosives) | <input type="checkbox"/> | | |
| OGD Payment Arrangements <i>For tasks placed by other Government departments, please provide full details of the payment procedure to be followed, as an attachment to this tasking form.</i> | | | <input type="checkbox"/> |

| Milestone/Stage Payments <i>(Expand table as appropriate)</i> | | Due Date | % | Value £k (ex VAT) |
|--|--------------------------------|-----------------|----------|--------------------------|
| Milestone/Stage No | Key Deliverable | | | |
| 1 | ████████████████████ | ██████████ | █ | ██████████ |
| 2 | ██████████ | ██████████ | █ | ██████████ |
| 3 | ████████████████████ | ██████████ | █ | ██████████ |
| FINAL <i>(Payment should be subject to a reasonable retention based on % of total cost)</i> | ████████████████████ ██████ | ██████████ | █ | ██████████ |
| TOTAL | | | 100 | £1,019,250.00 |

Intellectual Property Rights

Completion of this section is **mandatory**. Select the appropriate condition(s) by ticking the boxes below after consulting FTS/STS Customer Guidance or with DIPR, if appropriate. In the event that no boxes are ticked in this section (Intellectual Property Rights), all intellectual property generated under the Task shall be subject to the terms of DEFCON 703.

| DEFCON | Tick | As Applicable | Tasking Order Line Item (tick as appropriate) |
|---|--------------------------|---------------------------------|--|
| <u>If DEFCON 703 does not apply then select either:</u> | | | |
| DEFCON 705 (Edn 11/02) | <input type="checkbox"/> | All <input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| <u>OR:</u> | | | |
| DEFCON 14 Edn 11/05, 15 21 ,126 Edn 11/06 & DEFFORM 315 | <input type="checkbox"/> | All <input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| DEFCON 14 Edn 11/05, 16 Edn 10/04, 21 & DEFFORM 315 | <input type="checkbox"/> | All <input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| DEFCON 14 Edn 11/05, 90 Edn 11/06 & 126 Edn 11/06) | <input type="checkbox"/> | All <input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| DEFCON 14 (Edn 11/05), 91 (Edn 11/06) & 126 (Edn 11/06) | <input type="checkbox"/> | All <input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| Other, as specified in a special IPR condition to be applied to the Tasking Order | <input type="checkbox"/> | All <input type="checkbox"/> | <input type="checkbox"/> The following Item Nos. only (insert below) |
| No intellectual property conditions apply (<i>refer to DIPR before ticking this box</i>). | | | <input type="checkbox"/> |

Issue of Government Stores

| | |
|---|--------------------------|
| DEFCON 23 (Edn 08/09)* – Special Jigs, Tooling and Test Equipment | <input type="checkbox"/> |
|---|--------------------------|

Controlled Information

| | |
|--|--------------------------|
| Issue of Controlled Information (<i>subject Condition 50 of Schedule 1</i>) (<i>if ticked then list Controlled Information and attach list to Tasking Form</i>) | <input type="checkbox"/> |
|--|--------------------------|

Payment of Customs Duty – select one box only

| | | | |
|--|--------------------------|---|--------------------------|
| DEFCON 619A (Edn 09/97) - Customs Duty Drawback | <input type="checkbox"/> | Issue of Certificate in accordance with EU (Council) Regulation 150/2003 | <input type="checkbox"/> |
|--|--------------------------|---|--------------------------|

| Progress Reports | | | | | |
|---|--------------------------|--|--------------------------|--------------------|--|
| If ticked, progress reports must utilise the current version of DRRS Format Standards for Scientific and Technical Reports Prepared for the United Kingdom Ministry of Defence. | <input type="checkbox"/> | DEFCON 642 (Edn 06/14) – Progress Meetings | <input type="checkbox"/> | Frequency required | |
| Brief Description | | | | | |

| Transport – select one box only | | | |
|---|--------------------------|--|-------------------------------------|
| DEFCON 621A (Edn 06/97) – Transport (if the Authority is responsible for transport) | <input type="checkbox"/> | DEFCON 621B (Edn 10/04) – Transport (if the Contractor is responsible for transport) | <input checked="" type="checkbox"/> |

| Quality Assurance Conditions | | | |
|--|--------------------------|--|-------------------------------------|
| According to the product or scope of the work to be carried out, the Contractor shall meet the requirements of: | | | |
| AQAP 2110 – NATO Quality Assurance Requirements for Design, Development and Production | | | <input checked="" type="checkbox"/> |
| Deliverable Quality Plan requirements | | | |
| DEFCON 602A (Edn 12/06) - Quality Assurance with Quality Plan | <input type="checkbox"/> | DEFCON 602B (Edn 12/06) - Quality Assurance without Quality Plan | <input checked="" type="checkbox"/> |
| AQAP 2105 – NATO Requirements for Delivering Quality Plans | | | <input type="checkbox"/> |
| Software Quality Assurance requirements | | | |
| AQAP 2210 – NATO Supplementary Software Quality Assurance Requirements to AQAP 2110 | | | <input type="checkbox"/> |
| Air Environment Quality Assurance requirements | | | |
| Def. Stan. 05-100 – Ministry of Defence Requirements for Certification of Aircraft for Authorised Flight and Ground Running (Mandatory where flying and/or ground running of issued aircraft is a requirement of the Task) | | | <input type="checkbox"/> |
| Relevant MAA Regulatory Publications (See attachment for details) | | | <input type="checkbox"/> |
| Additional Quality Requirements (See attachment for details) | | | <input type="checkbox"/> |

| Warranty | | | |
|---|--------------------------|--|-------------------------------------|
| Express Warranty (See attachment for details) | <input type="checkbox"/> | Warranty – remedies implied by general law | <input checked="" type="checkbox"/> |

| Security | |
|---|-------------------------------------|
| DEFCON 659A (Edn 11/14) – Security Measures | <input checked="" type="checkbox"/> |
| DEFCON 658 (Edn 10/17) – Cyber | <input checked="" type="checkbox"/> |

3. Price

| | |
|----------------------|-----------------|
| TOTAL CONTRACT PRICE | TYPE OF PRICING |
| £1,019,250.00 | FIRM |

4. Authority Tasking Order Commercial Officer Authorisation

| | | | |
|-----------|---------------------------|------------------|------------|
| Name | ██████████ | | |
| Position | COMMERCIAL MANAGER | | |
| Signature | ██████████ | | |
| Date | 16/12/2019 | Telephone Number | ██████████ |

5. Acknowledgement by supplier

| | | | |
|-----------|--|------------------|--|
| Name | | | |
| Position | | | |
| Signature | | | |
| Date | | Telephone Number | |

6. Record of Authorised Changes

| CHANGE ISSUE NUMBER | DATE OF ISSUE | COMMENTS / REASON FOR CHANGE |
|---------------------|---------------|------------------------------|
| | | |
| | | |
| | | |

7. Final Administration

On receipt of the tasking acknowledgement from the Contractor, the **Authority's Commercial Manager (who placed the task)** must send a copy of the acknowledged final tasking order form together with a completed DEFFORM 57 AND DEFFORM 111 (Edn 07/12) to:

DBS Finance
Walker House
Exchange Flags
Liverpool
L2 3YL

For OGDs Only

A copy of the acknowledged final tasking form must be sent by the **Authority's Commercial Manager (who placed the task)** and by the Contractor electronically to the FATS Team at the following address:

defcomrclcc-fatscases@mod.uk

Def Comrcl CC-TechSpt1c
Poplar 1 #2119
MOD Abbey Wood South
Bristol
BS34 8JH

Appendix 1 to Schedule 3 (Confidentiality Agreement)

The provisions of this Clause are supplemental to DEFCON 531

1. Both DEFCON 531 and the provisions of this Clause apply to:
 - (A) This Tasking;
 - (B) Any Information disclosed by either party prior to the issue of a draft Tasking and in contemplation of Work being placed by the Authority under a Tasking; and
 - (C) Any Tasking placed under this Agreement, provided that Information provided to a party for the purpose of Tendering for a Tasking shall only be used for that Tendering purpose, and Information provided to a party for performing a Task placed on it under this Agreement shall only be used for the performance of that Task.

2. Subject to its requirements of continued access to Information necessary to exercise its rights of disclosure and use hereunder including under any Tasking Order, and to the obligations set out herein in respect of any Controlled Information (Definition in Clause 42 Schedule 1), the recipient of any Information shall:
 - (A) Upon the expiry or termination of the Agreement; or
 - (B) Upon the expiry or termination of any Tasking Order (for the purposes of which Information is disclosed); or
 - (C) If the Authority decides not to proceed with the issue of a Tasking Order (for the purposes of which Information is disclosed),

in accordance with any reasonable directions given and/or a reasonable request made by the other party promptly:
 - (1) Return to the other party the Information and all copies thereof; or
 - (2) Take such other measures in respect of the Information and all copies thereof as may be required elsewhere in the Tasking Order.

3. The provisions of DEFCON 531 and of this Clause shall survive the expiry or termination of the Agreement or any Tasking Order in accordance with 2(A) or 2(B) or the decision not to proceed in accordance with 2(C).

Appendix 2 to Schedule 3 (Price Summary)

Supplier price summary: To be completed by the supplier in support of a quotation provided in response to an ITT for the requirement captured on the above Draft Tasking Order Form. Rates used shall be on accordance with the provisions of Clauses 13-14 of Schedule 1.

1. To:

2. From:

Date of submission:

In response to your request for a quotation
reference FTS5/

Dated

*The work can be undertaken and our detailed response is attached.

*We are unable to provide the resources/deliverables identified on this occasion.

(* Check box as appropriate)

Signed:

Name: (Block Capitals)

Date:

2. Task title):

3. Unique Reference Number:

4. Start Date:

Completion Date:

5a. Quotation

| Broad Capability Area No. | Grade | Hourly rate quoted at ITT | Hourly rate quoted for this task | Reduction on original ITT rate | No of Hours | Total |
|---------------------------|-------|---------------------------|----------------------------------|--------------------------------|-------------|-------|
|---------------------------|-------|---------------------------|----------------------------------|--------------------------------|-------------|-------|

5b. Travel

Unit cost

Number of Journeys / Miles

Total

Rail
Motor Mileage £ (inc VAT)
(max price per mile)
Air
Sea

5c. Subsistence

Estimated expenditure on:

Unit cost

Number of Night/Days

Total

Accommodation

Meals

Misc (please state below)

The above T&S costs relate to the period to

Sub-contractor Price

5d.Other
Costs

Sub-Contractor Details

Materials

Other (Please provide details
below)
Description

Cost

Total Price

(excl. VAT)

Appendix 3 to Schedule 3 (Montreal Protocol Substances)

CFCs - Production of controlled CFCs has stopped.

| | |
|-------------------------------------|---------|
| CFC-11(trichlorofluoromethane) | CFC-211 |
| CFC-12(dichlorodifluoromethane) | CFC-212 |
| CFC-13 | CFC-213 |
| CFC-111 | CFC-214 |
| CFC-112 | CFC-215 |
| CFC-113 (trichlorotrifluoroethane) | CFC-216 |
| CFC-114 (dichlorotetrafluoroethane) | CFC-217 |
| CFC-115 (chloropentafluoroethane) | |

The above substances are also used in blends: e.g.

CFC-500 (CFC-12/HFC-152a)
CFC-502 (CFC-115/HCFC-22).

Halons - Production of controlled Halons has stopped.

Halon-1211 (bromochlorodifluoromethane - BFC)
Halon-1301 (bromotrifluoromethane - BTM)
Halon-2402

HBFCs - Production has stopped.

| | | | |
|--|--|--|--|
| CH ₂ FBr | C ₂ H ₂ F ₂ Br ₂ | C ₃ HF ₄ Br ₃ | C ₃ H ₃ F ₂ Br ₃ |
| CHF ₂ Br | C ₂ H ₂ F ₃ Br | C ₃ HF ₅ Br ₂ | C ₃ H ₃ F ₃ Br ₂ |
| CH ₂ FBr | C ₂ H ₃ FBr ₂ | C ₃ HF ₆ Br | C ₃ H ₃ F ₄ Br |
| C ₂ HFB ₄ | C ₂ H ₃ F ₂ Br | C ₃ H ₂ FBr ₅ | C ₃ H ₄ FBr ₃ |
| C ₂ HF ₂ Br ₃ | C ₂ H ₄ FBr | C ₃ H ₂ F ₂ Br ₄ | C ₃ H ₄ F ₂ Br ₂ |
| C ₂ HF ₃ Br ₂ | C ₃ HFB ₆ | C ₃ H ₂ F ₃ Br ₃ | C ₃ H ₄ F ₃ Br |
| C ₂ HF ₄ Br | C ₃ HF ₂ Br ₅ | C ₃ H ₂ F ₄ Br ₂ | C ₃ H ₅ FBr ₂ |
| C ₂ H ₂ FBr ₃ | C ₃ HF ₃ Br ₄ | C ₃ H ₂ F ₅ Br | C ₃ H ₅ F ₂ Br |
| | | C ₃ H ₃ FBr ₄ | C ₃ H ₆ FBr |

HCFCs - Production to be run down and phased out by 2015.
Certain use controls apply.

| | | | |
|----------|-----------|------------|----------|
| HCFC-21 | HCFC-141 | HCFC-225ca | HCFC-243 |
| HCFC-22 | HCFC-141b | HCFC-225cb | HCFC-244 |
| HCFC-31 | HCFC-142 | HCFC-226 | HCFC-251 |
| HCFC-121 | HCFC-142b | HCFC-231 | HCFC-252 |
| HCFC-122 | HCFC-151 | HCFC-232 | HCFC-253 |
| HCFC-123 | HCFC-221 | HCFC-233 | HCFC-261 |
| HCFC-124 | HCFC-222 | HCFC-234 | HCFC-262 |
| HCFC-131 | HCFC-223 | HCFC-235 | HCFC-271 |
| HCFC-132 | HCFC-224 | HCFC-241 | |
| HCFC-133 | HCFC-225 | HCFC-242 | |

CARBON TETRACHLORIDE (CCl₄) - Production has stopped.

1,1,1-TRICHLOROETHANE (C₂H₃Cl₃) - Production has stopped.

METHYL BROMIDE (CH₃Br) - Production limits apply.