

Schedule 3 (Tasking Form)

FATS 5 Tasking

Final Form

Tasking Identification

Unique Tasking Order Number	FTS/WSPT/711	Version No. & Date	1.0 09/05/2018
FATS Business Case Number	Original FBC6741 Amendment FBC (FATS team supplied)	Supplier Reference Number	FTS/WSPT/711
Project / Equipment for which task is in support	DES Ships WSpt-MHC-Techstudy	UOR	No
Task Title	Autonomy in Maritime Autonomous Systems Technical Study		
Filter Name and Number:	3		

Please refer to FATS Customer Guidance for definition of Work Category

Directorate & PT / Organisation Title	Warship Support	Supplier Name	QINETIQ LIMITED
PT Leader/ Project Manager	[REDACTED]	Post	[REDACTED]
Post	[REDACTED]	Address	Portsmouth Technology Park
Address	[REDACTED]		Southwick RoadWoodward Building
	MOD Abbey Wood South		Cosham
	Bristol		Portsmouth
Postcode	BS34 8JH	Postcode	PO6 3RU
Telephone / Fax No	[REDACTED]	Telephone / Fax No	[REDACTED]
E-mail	[REDACTED]	E-mail	[REDACTED]
UIN & RAC	P0070A,QKA003	CPV Code	71241000-9

The Authority accepts QinetiQ's Tender FTS/WSPT/711 dated 21 March 2018, subject to the iterations and revisions contained within References a) to d) referred to in the Authority's letter dated 9 May 2018.

Date Draft Tasking Issued	28/02/2018	Deadline for Authority's receipt of Tenderer's response to the Draft Tasking	21/03/2018
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1. Schedule of Requirements

Refer to Statement of Work (SOW) at Annex A to the ITT

CORE WORK		
Serial	Description	Firm Price £ (Ex VAT)
A	Autonomous MCM and H Functions	████████
B	Benefits of Autonomy	████████
C	Levels of Autonomy Definition	████████
D	Autonomous MCM and H Functions Alignment with UK Levels of Autonomy	████████

OPTIONS		
Serial	Description	Firm Price £ (Ex VAT)
E	Autonomous MCM and H Functions Alignment with Technology Readiness Levels	████████
F	Legal Constraints on Autonomy	████████
G	Legal Aspect of Unmanned Vessel Operation	████████
H	Divers Operating Over The Horizon	████████
I	Operating UxVs Over the Horizon	████████
J	Standoff Distance	████████

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 checked="" type="checkbox"/> Most economically advantageous having regard to price, delivery, etc Technically 65% Commercial 35%
Reverse Auction used?	<input type="checkbox"/>
Single Source	<input 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 checked="" type="checkbox"/>
<u>Choose one of the following:</u>			
DEFCON 514A (Edn 03/16) Failure of Performance under Research and Development Contracts	<input type="checkbox"/>	DEFCON 514 (Edn 08/15) – Material Breach	<input checked="" 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 800 (Edn 12/14) – Qualifying Defence Contract DEFCON 801 (Edn 12/14) – Amendments to Qualifying Defence Contracts – Consolidated Versions. DEFCON 802 (Edn 12/14) – QDC – Open Book on sub-contracts that are not Qualifying Sub-Contracts. DEFCON 803 (Edn 12/14) – QDC: Disapplication of Protection against Excessive Profits	<input type="checkbox"/>

Pricing Conditions Required	
<p>and Losses (PEPL)</p> <p>DEFCON 804 (Edn 12/14) – QDC: Confidentiality of Single Source Contract Regulations Information.</p> <p>DEFCON 811 (Edn 12/14) – Single Source: Profit and Loss sharing on FIRM/FIXED Price Contracts.</p> <p>DEFCON 812 (Edn 04/15) – Single Source Open Book</p> <p>DEFCON 815 (Edn 04/15) – Contract Pricing Statement – Single Source Non-qualifying contracts</p>	
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 checked="checked" type="checkbox"/>	Milestone/Stage Payments <i>(see DEFCON 649 (Edn 07/99) below)</i>	<input 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 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"/>

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"/>
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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"/>
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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"/>
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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 checked="" type="checkbox"/>	DEFCON 642 (Edn 06/14) – Progress Meetings	<input checked="" type="checkbox"/>	Frequency required	Monthly
Brief Description	Email / Telecon				

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 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 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 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 type="checkbox"/>

Security	
DEFCON 659A (Edn 11/14) – Security Measures	<input checked="" type="checkbox"/>

3. Price

TOTAL CONTRACT PRICE	TYPE OF PRICING
£41,272.92	Firm Price

4. Authority Tasking Order Commercial Officer Authorisation

Name	<div></div>		
Position	Commercial Officer		
Signature	Original signed		
Date	09/05/2018	Telephone Number	<div></div>

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 - Addresses and Other Information

1. Commercial Officer:

Name: DES Ships ComrcI-WSpt-7b

Address:

[REDACTED], MOD Abbey Wood South, Bristol, BS34 8JH

Email: [REDACTED]

**8. Public Accounting Authority:**

1. Returns under DEFCON 694 (or SC equivalent) should be sent to DBS Finance ADMT – Assets In Industry 1, Level 4 Piccadilly Gate, Store Street, Manchester, M1 2WD
☎ 44 (0) 161 233 5397

2. For all other enquiries contact DES Fin FA-AMET Policy, Level 4 Piccadilly Gate, Store Street, Manchester, M1 2WD
☎ 44 (0) 161 233 5394

2. Project Manager, Equipment Support Manager or PT Leader
(from whom technical information is available):

Name: DES Ships WSpt-MHC-Techstudy

Address:

[REDACTED], Abbey Wood, BS34 8JH

Email: DESShipsWSpt-MHC-techstudy@mod.uk

**9. Consignment Instructions:**

The items are to be consigned as follows:

See Schedule of Requirement

3. Packaging Design Authority:

Organisation and point of contact:

(where no address is shown please contact the Project Team in Box 2)

**10. Transport.** The appropriate Ministry of Defence Transport Offices are:

A. **DSCOM**. DE&S, DSCOM, MoD Abbey Wood, Cedar 3c, Mail Point 3351, BRISTOL BS34 8JH

Air Freight Centre

IMPORTS ☎ 030 679 81113 / 81114 Fax 0117 913 8943

EXPORTS ☎ 030 679 81113 / 81114 Fax 0117 913 8943

Surface Freight Centre

IMPORTS ☎ 030 679 81129 / 81133 / 81138 Fax 0117 913 8946

EXPORTS ☎ 030 679 81129 / 81133 / 81138 Fax 0117 913 8946

B. JSCS

JSCS Helpdesk ☎ 01869 256052 (option 2, then option 3); JSCS Fax No 01869 256837 www.freightcollection.com

4. (a) Supply/Support Management Branch or Order Manager Branch/Name:

(b) U.I.N.

5. Drawings/Specifications are available from:**7. Intentionally Left Blank****8. Quality Assurance Representative:**

DES Ships MPS-QA-3 ([REDACTED])

Commercial staff are reminded that all Quality Assurance requirements should be listed under the General Contract Conditions.

AQAPS and **DEF STANs** are available from UK Defence Standardization, for access to the documents and details of the helpdesk visit <http://dstan.uwh.diif.r.mil.uk/> [intranet] or <https://www.dstan.mod.uk/> [extranet, registration needed]

11. The Invoice Paying Authority:

Ministry of Defence ☎ 0151-242-2000
DBS Finance

Walker House, Exchange Flags Fax: 0151-242-2809
Liverpool, L2 3YL

Website is:
<https://www.gov.uk/government/organisations/ministry-of-defence/about/procurement#invoice-processing>

12. Forms and Documentation are available through *:

Ministry of Defence, Forms and Pubs Commodity Management
PO Box 2, Building C16, C Site

Lower Arncliffe
Bicester, OX25 1LP (Tel. 01869 256197 Fax: 01869 256824)

Applications via fax or email: DESLCSLS-opsformsandpubs@mod.uk

*** NOTE**

1. Many **DEFCONs** and **DEFFORMs** can be obtained from the MOD Internet Site:

<https://www.aof.mod.uk/aofcontent/tactical/toolkit/index.htm>

2. If the required forms or documentation are not available on the MOD Intranet site requests should be submitted through the Commercial Officer named in Section 1.

Appendix 2 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 3 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: DES Ships WSpt-MHC-TechStudy

2. From: QinetiQ Ltd

Date of submission: 21/03/2018

In response to your request for a quotation
reference FTS5/WSPT/711

Dated 28/02/2018

*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:

Date: 21/03/2018

Name: (Block Capitals)

2. Task title): Autonomy in Marine Autonomous Systems Technical Study

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
10						
12						
14						

5b. Travel

Unit cost

Number of Journeys / Miles

Total

Rail
Motor Mileage (max price per mile) (inc VAT)
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

5d.Other
Costs

Sub-contractor Price

Sub-Contractor Details **BMT Defence Services Limited**, Maritime House, 210 Lower
Bristol Road, Bath, BA2 3DQ (Company No. 02326885)

Price: [REDACTED]

AutoNaut Ltd, The Custom House, The Strand, Barnstaple,
Devon, England, EX31 1EU (Company No. 0815940)

Price: [REDACTED]

National Oceanography Centre, European Way,
Southampton, SO14 3ZH

Price: [REDACTED]

Materials

Other (Please provide details
below)

Description

[REDACTED]

Cost

[REDACTED]

[REDACTED]

[REDACTED]

(excl.
VAT)

Appendix 4 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 ₂	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 H ₃ F ₂ Br	C ₃ H ₂ FBr ₅	C ₃ H ₄ FBr ₃
C ₂ HFBBr ₄	C ₂ H ₄ FBr	C ₃ H ₂ F ₂ Br ₄	C ₃ H ₄ F ₂ Br ₂
C ₂ H ₂ F ₂ Br ₃		C ₃ H ₂ F ₃ Br ₃	C ₃ H ₄ F ₃ Br
C ₂ H ₂ F ₃ Br ₂	C ₃ HFBBr ₆	C ₃ H ₂ F ₄ Br ₂	C ₃ H ₅ FBr ₂
C ₂ H ₂ F ₄ Br	C ₃ H ₂ F ₂ Br ₅	C ₃ H ₂ F ₅ Br	C ₃ H ₅ F ₂ Br
C ₂ H ₂ FBr ₃	C ₃ H ₃ FBr ₄	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.

ADDITIONAL CONDITIONS

Additional conditions to be added are as follows:

DEFCON 531 (Edn 11/14) – Disclosure of Information

DEFCON 660 (Edn 12/15) – Official-Sensitive Security Requirements

COMMENTS ON DEFCON'S WITHIN FATS5 TERMS AND CONDITIONS DATED 24 MAY 2017

DEFCON 76 (Edn 12/06) – For the purposes of this Task, the Contractor's liability shall be limited to £40,000,000 (forty million pounds sterling) per incident as per the Central Agreement (ref: DCS/04/04/32/01/02 dated 9 December 2013 and 17 October 2016).