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Tender

## **Human Machine Teaming - Enabling Framework (702953450) - Re-opening 1**

Ministry of Defence

F02: Contract notice

Notice identifier: 2022/S 000-029243

Procurement identifier (OCID): ocids-h6vhtk-037682

Published 17 October 2022, 6:27pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Ministry of Defence

Bristol

#### **Contact**

Danielle White

#### **Email**

[danielle.white152@mod.gov.uk](mailto:danielle.white152@mod.gov.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

#### **Internet address(es)**

Main address

<https://des.mod.uk/>

Buyer's address

<https://des.mod.uk/>

### **I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.contracts.mod.uk/web/login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.contracts.mod.uk/go/494820890183E6E47E0E>

Tenders or requests to participate must be submitted to the above-mentioned address

### **I.4) Type of the contracting authority**

Ministry or any other national or federal authority

### **I.5) Main activity**

Defence

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Human Machine Teaming - Enabling Framework (702953450) - Re-opening 1

#### **II.1.2) Main CPV code**

- 73000000 - Research and development services and related consultancy services

### **II.1.3) Type of contract**

Services

### **II.1.4) Short description**

THIS ADVERT IS AN OPPORTUNITY FOR PARTICIPANTS TO JOIN THE EXTANT HMT FRAMEWORK ORIGINALLY RELEASED QUARTER 2 2022 (REFERENCE: 702953450). IF YOU ARE ALREADY A PARTICIPANT WITHIN THIS FRAMEWORK YOU DO NOT NEED TO COMPLETE THIS PROCESS. THIS PQQ/ITT PROCESS IS FOR NEW ENTRANTS TO THE FRAMEWORK ONLY.

The Human Machine Teaming (HMT) programme collates current lessons from Army's experimentation activity in Robotic and Autonomous Systems (RAS), and enable rapid iterations, across the full stack of potential capabilities, across a 3-year programme.

This will ensure the necessary stability, time and opportunity to generate sufficient evidence to inform future cost/benefit analysis activity and balance of investment decisions.

HMT is being delivered through a multi supplier Framework Agreement, which is segregated into LOTS. This manages and delivers the continued development and maturation of capabilities and requirements in RAS in accordance with the Strategy outlined in the 'British Army's Approach to RAS'.

This is required to build on the Transformation Fund experimentation completed within the Robotic Platoon Vehicle (RPV), Nano Unmanned Air Systems (nUAS) and Theseus Projects, along with associated learning from Army Warfighting Experiment (AWE) to create operational advantage for land forces, by integrating adaptable RAS within Human Machine Teams, to generate mass and tempo whilst reducing risk.

The framework has a 3 year duration (2.5 years remaining), and is valued at £300M. This programme of work is being delivered by the Expeditionary Robotics Centre of Expertise (ERCoE) using the Future Capability Group's (FCG) novel Buy and Try at Scale Operational(BATSO) commercial model, with sufficient framework headroom, to complete iterative spiral development of technological solutions.

Framework participation will be subject to successfully completing a Pre Qualification Questionnaire (PQQ) and Invitation toTender (ITT) process.

This will commence with the publication of the PQQ for Human Machine Teaming through the DSP.

### **II.1.6) Information about lots**

This contract is divided into lots: Yes

Tenders may be submitted for all lots

Maximum number of lots that may be awarded to one tenderer: 4

## **II.2) Description**

### **II.2.1) Title**

HMT LOT 1 - Hardware

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 73000000 - Research and development services and related consultancy services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

Robotics and Autonomous Systems (RAS) Activity - Hardware LOT.

Encompassing examples such as Uncrewed Ground Vehicles, Uncrewed Air Systems, Payloads, Consumable etc.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

End date

31 March 2025

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **II.2.11) Information about options**

Options: Yes

Description of options

1 Year

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

HMT LOT 2 - Software

Lot No

2

#### **II.2.2) Additional CPV code(s)**

- 73000000 - Research and development services and related consultancy services

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

HMT LOT 2 - Robotics and Autonomous Systems (RAS) Software.

External software, internal systems/platform software, reliability/maintenance analysis software etc.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

End date

31 March 2025

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

## **II.2) Description**

### **II.2.1) Title**

HMT LOT 3 - Professional & Technical Services

Lot No

3

### **II.2.2) Additional CPV code(s)**

- 73000000 - Research and development services and related consultancy services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

HMT LOT 3 - Robotic and Autonomous Systems (RAS) Professional & Tech Services.

Design, Safety, Human Factors, Ethics and other contracted/consultancy RAS support activities.

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

End date

31 March 2025

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

#### **II.2.11) Information about options**

Options: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

### **II.2) Description**

#### **II.2.1) Title**

HMT LOT 4 - Enabling & Networks

Lot No

4

### **II.2.2) Additional CPV code(s)**

- 73000000 - Research and development services and related consultancy services

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

### **II.2.4) Description of the procurement**

HMT LOT 4 - Robotic and Autonomous Systems (RAS) Enabling and Networks.

Integration of RAS, Data Management of RAS, communications requirements etc.

### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

End date

31 March 2025

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: No

### **II.2.11) Information about options**

Options: No

### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No



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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

Pre Qualification Questionnaire (PQQ) will outline expected selection criteria for suitability of organisations for enrolment to the Framework, and establish those organisations that will be invited to respond to the HMT Invitation to Tender (ITT) for Framework.

#### **III.1.2) Economic and financial standing**

List and brief description of selection criteria

Economic Criteria will be outlined in the PQQ published within the Defence Sourcing Portal (DSP).

#### **III.1.3) Technical and professional ability**

List and brief description of selection criteria

Technical and Professional Criteria will be outlined in the PQQ published within the Defence Sourcing Portal (DSP).

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Restricted procedure

#### **IV.1.3) Information about a framework agreement or a dynamic purchasing system**

The procurement involves the establishment of a framework agreement

Framework agreement with several operators

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: No

### **IV.2) Administrative information**

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

24 October 2022

Local time

8:00am

#### **IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates**

27 June 2022

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: Yes

### **VI.2) Information about electronic workflows**

Electronic payment will be used

### **VI.3) Additional information**

PQQ will be published through the Defence Sourcing Portal (DSP)

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Expeditionary Robotics Centre of Expertise.

Future Capability Group, Spruce 2B, MoD Abbey Wood

Bristol

BS34 8JH

Country

United Kingdom