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Planning

## **Human Machine Teaming**

Ministry of Defence

F16: Prior information notice for contracts in the field of defence and security

Notice identifier: 2022/S 000-005362

Procurement identifier (OCID): ocids-h6vhtk-031b8e

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### **Section I: Contracting authority/entity**

#### **I.1) Name, addresses and contact point(s)**

Ministry of Defence

Future Capability Group, Spruce 2B, MoD Abbey Wood

Bristol

BS34 8JH

#### **Contact**

Mr Brad Hayward, Mrs Suzy Harris

#### **For the attention of**

Hayward Bradley

#### **Email(s)**

[Bradley.Hayward110@mod.gov.uk](mailto:Bradley.Hayward110@mod.gov.uk)

#### **Country**

United Kingdom

**Internet address(es)**

**General address of the contracting authority/entity**

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

**Address of the buyer profile**

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

**Further information**

Further information can be obtained from the above mentioned contact point(s)

**I.2) Type of the contracting authority**

Other type

Future Capability Group, Defence Equipment and Support.

**I.3) Main activity**

Defence

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## **Section II: Object**

### **II.1) Title attributed to the contract by the contracting authority/entity:**

Human Machine Teaming

### **II.2) Type of contract and location of works, place of delivery or of performance**

Services

Service category No 14: Research and development services and evaluation tests

#### **Main site or location of works, place of delivery or of performance**

Future Capability Group, Defence Equipment and Support, Ministry of Defence.

#### **NUTS code**

- UK - United Kingdom

### **II.3) Information on framework agreement**

The notice involves the establishment of a framework agreement: Yes

### **II.4) Short description of nature and scope of works or nature and quantity or value of supplies or services**

The Human Machine Teaming (HMT) programme is intending to collate 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 intending to be delivered through a multi supplier Framework Agreement, which is intended to be segregated into LOTS. This will manage and deliver 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 proposed framework will be of approximately 3 year duration, and valued at circa £100M per year, subject to necessary approvals.

This programme of work will be delivered 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 to Tender (ITT) process. This will commence with the publication of a PQQ for Human Machine Teaming through the DSP.

#### **Estimated value excluding VAT**

£300,000,000

#### **II.5) Common procurement vocabulary (CPV)**

- 73000000 - Research and development services and related consultancy services

#### **II.6) Scheduled date for start of award procedures and duration of the contract**

End date: 31 March 2025

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

#### **III.1) Conditions relating to the subcontract**

##### **III.1.1) Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them:**

Financing conditions and payment terms will be outlined within the terms and conditions of the Framework Agreement, and specific Framework call-off tasking documentation.

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### **Section VI: Complementary information**

#### **VI.1) Information about European Union funds**

The contract is related to a project and/or programme financed by European Union funds:

No

## **VI.2) Additional information**

The Contracting Authority intends to use an e-Tendering system in this procurement exercise, please visit [www.contracts.mod.uk](http://www.contracts.mod.uk) for full details and to register your interest in this procurement.

## **VI.3) Information on general regulatory framework**

Relevant governmental Internet sites where information can be obtained

### **Tax legislation**

<https://www.legislation.gov.uk/all?title=tax>

HM Revenue and Customs

### **Internet address**

<https://www.gov.uk/tax-help>

### **Environmental protection legislation**

<https://www.legislation.gov.uk/ukpga/1990/43/contents>

Environment Agency

### **Internet address**

<https://www.gov.uk/government/organisations/environment-agency>

### **Employment protection and working conditions**

<https://www.hse.gov.uk/involvement/prepare/law/empprotection.htm#:~:text=All%20your%20workers%20are%20protected,of%20their%20length%20of%20service.>

ACAS

### **Internet address**

<https://www.gov.uk/pay-and-work-rights>