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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): ocds-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

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

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

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.

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 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>