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Planning

Applications are invited for the assessment of C-sUAS (Counter-Drone) GNSS Spoofing Systems by the UK MoD RIC

Ministry of Defence

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-018109

Procurement identifier (OCID): ocds-h6vhtk-034d64

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Section I: Contracting authority

I.1) Name and addresses

Ministry of Defence

Bristol

Email

Joe.Barnes151@mod.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Defence

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Applications are invited for the assessment of C-sUAS (Counter-Drone) GNSS Spoofing Systems by the UK MoD RIC

II.1.2) Main CPV code

- 73436000 - Test and evaluation of military electronic systems

II.1.3) Type of contract

Services

II.1.4) Short description

The misuse of small unmanned aircraft systems (sUAS) represents a significant and growing risk to operations and day-to-day Defence activity both in the UK and overseas.

The Rapid Innovation Cell (RIC), endorsed by the Military Capability Board, has been established as part of the UAS Capability Development Centre (UASCDC) to test and evaluate (T&E) mature C-sUAS capabilities and generate a managed Defence database of available capabilities. Through a regular programme of T&E events, the RIC will establish the efficacy of commercially available capabilities. It will also increase broader awareness of the C-sUAS market and support a more agile method of delivering capability to the front line.

To prevent capability gaps and ensure interoperability, it is intended that Defence C-sUAS systems will use the 'SAPIENT' open architecture. This will also ensure that our systems can evolve at the component level enabling the spiral development of capability.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 35613000 - Unmanned aerial vehicles
- 35730000 - Electronic warfare systems and counter measures

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

RIC Test Cycle #4

The RIC has established a series of Test Cycles. Each Test Cycle will focus on a particular subset of C-sUAS systems.

Suppliers of mature C-sUAS GNSS Spoofing products are invited to apply to have their product's performance assessed by the RIC. To apply you must complete an online questionnaire for your product. The product questionnaire will be available from 11:00am Monday 4th July, 2022, and responses must be fully completed and submitted by 11:00am Monday 1st August, 2022. Please complete a separate product questionnaire for each product that you wish to put forward for assessment.

Test Cycle #4, will focus on mature C-sUAS products that conform to the following scope:

1. The product must be able to effect the flight path of a COTS drone by means of 'Spoofing' the GNSS signal received by the drone.
2. GNSS jamming is OUT OF SCOPE of this test and jamming will not be allowed during this RIC Test Cycle.
3. The effect must transmit GNSS Spoofing messages that are similar to standard GNSS broadcast signals.

Your response to the product questionnaire will be carefully evaluated. Your product will be eligible for the next phase of testing (Factory Tests) if it meets our maturity requirements and is clearly within the scope described above. A full set of guidance and testing criteria are provided on the UK C-sUAS Defence Portal.

The RIC maintains a register of potential C-sUAS suppliers. All potential suppliers registered with the RIC will receive access to the UK C-sUAS Defence Portal. The online product questionnaire will be hosted on the UK C-sUAS Defence Portal and is the only way to apply for testing with the RIC.

Please use the following web address to register with the RIC:

<https://uascdc.com/industry/open-supplier-register.aspx>

II.2.14) Additional information

This PIN does not constitute the start of any procurement activity or resultant contract - it is for information only, to advise industry on the next stage of the trials programme and where further information can be sought. A questionnaire is completed at your own risk and, if successful, does not automatically enter you into the next phase. At the RIC's discretion, the Test Programme is subject

II.3) Estimated date of publication of contract notice

4 July 2022

Section IV. Procedure

IV.1) Description

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

The procurement is covered by the Government Procurement Agreement: No

Section VI. Complementary information

VI.3) Additional information

N/A