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Contract

Comms on the move Electronic Steerable Antenna Test (CESAT) – Compact Antenna Test Range (CATR)

Satellite Applications Catapult

F03: Contract award notice

Notice identifier: 2022/S 000-035378

Procurement identifier (OCID): ocds-h6vhtk-037670

Published 14 December 2022, 1:07pm

Section I: Contracting authority

I.1) Name and addresses

Satellite Applications Catapult

Electron Building, Fermi Avenue, Harwell

Didcot

OX11 0QR

Email

procurement@sa.catapult.org.uk

Telephone

+44 1235567977

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

<https://sa.catapult.org.uk/>

Buyer's address

https://www.mytenders.co.uk/search/Search_AuthProfile.aspx?ID=AA42845

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.4) Type of the contracting authority

Other type

RTO

I.5) Main activity

Other activity

Space Sector

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Comms on the move Electronic Steerable Antenna Test (CESAT) – Compact Antenna Test Range (CATR)

Reference number

RFP-FY-23-20

II.1.2) Main CPV code

- 32530000 - Satellite-related communications equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Catapult wishes to create a unique antenna test facility to undertake performance and verification tests on Satellite comms terminals on the move. The Catapult wishes to procure a Large Compact Antenna Test Range (CATR) to satisfy a baseline capability on a novel and unique undertaking to test and verify Comms on The Move (CotM) terminals that connect to Low Earth Orbit (LEO) satellite constellations.

For all information, please see supporting documents.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 42992200 - Anechoic chamber
- 32324310 - Satellite antennas

II.2.3) Place of performance

NUTS codes

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

Main site or place of performance

Westcott

II.2.4) Description of the procurement

The CATR will form the basis and be used to support the test and performance measurements of satellite mobile phased-array antennas and terminals, in dynamic scenarios, where both the satellite and user are in motion and operating in the L S, C, X band Ku and Ka frequency bands (1 Ghz - 32 GHz). Required components are outlined in the supporting documentation.

The proposed system while is made up of a baseline CATR, the final system will make use of robotic arms to provide the movement of a novel phased array to replicate a LEO satellite in orbital motion, a fixed positioner that has capability to replicate movement relative to a vehicle, ship or aircraft. Where the device under test is being exercised in an emulated RF environment and the performance of such a DUT can be characterised. This will include thermal transitions to emulate the true operating environment the terminal would endure.

This procurement is for a new CATR only.

II.2.5) Award criteria

Quality criterion - Name: as per procurement documents / Weighting: 100

Price - Weighting: 0

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

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Competitive procedure with negotiation

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2022/S 000-030886](#)

Section V. Award of contract

Contract No

RFP-FY-23-20

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

Other reasons (discontinuation of procedure)

Section VI. Complementary information

VI.3) Additional information

See tender documentation on MyTenders

(MT Ref:228278)

VI.4) Procedures for review

VI.4.1) Review body

Public Procurement Review Service

Cabinet Office

London

Email

publicprocurementreview@cabinetoffice.gov.uk

Telephone

+44 3450103503

Country

United Kingdom

Internet address

<https://www.gov.uk/government/publications/public-procurement-review-service-scope-and-remit>