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Planning

## **5G Popup/Cell-on Wheels (CoW)**

Satellite Applications Catapult

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-023951

Procurement identifier (OCID): ocds-h6vhtk-036362

Published 26 August 2022, 12:39pm

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

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

Satellite Applications Catapult

Electron Building, Fermi Avenue, Harwell

Didcot

OX11 0QR

#### **Email**

[james.morrison@sa.catapult.org.uk](mailto:james.morrison@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](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.3) Communication**

Additional information can be obtained from the above-mentioned address

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

Other type

RDO

**I.5) Main activity**

Other activity

Space Technology

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## **Section II: Object**

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

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

5G Popup/Cell-on Wheels (CoW)

Reference number

RFP-FY-23-14

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

- 32500000 - Telecommunications equipment and supplies

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

Supplies

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

The Satellite Applications Catapult is seeking to undertake a Request for Proposal (RFP) to procure 3 x 5G Popup Mast / Cell-on Wheels (CoW) assembly solutions . This is in a preliminary exploration phase. The exact value is not yet known, hence why no estimate of goods has been provided as part of this PIN.

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

This contract is divided into lots: Yes

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

Lot 1 – 3 x Trailers

Lot 2 – 3 x Masts

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

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

3 x Masts

Lot No

2

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

- 32522000 - Telecommunications equipment
- 32524000 - Telecommunications system

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Satellite Applications Catapult Ltd

Electron Building, Fermi Avenue,

Harwell Oxford, Didcot, Oxfordshire, OX11 0QR, UK

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

Lot 2 – 3 x Masts. Each mast comprising of at least:

Telescopic/retractable mast (up to 12m)

3 X directional antenna and 1 omni directional for the shared spectrum range of 3.8 to 4.2 GHz (e.g. similar to AW3828, AW3825) – with ability to selectively turn on/off different antenna

Suitable BBUs, RRUs (subject to 3.) to drive the antenna – delivering a strong signal within a 1 Km radius range

5G Core Network hosted on suitable COTS HW (HP/Dell) on the trailer

MEC platform/UPF on separate platform (HP/Dell) on the trailer

High throughput satellite backhaul (either use of adjustable or auto-pointing antenna) this is for access to internet/DN or remote 5G Core

Cabinet with sufficient space to be able to add additional equipment in future

Extendable architecture of the setup to allow for different hardware to be added as

needed

## **II.2) Description**

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

3 x Trailers

Lot No

1

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

- 34223300 - Trailers
- 32500000 - Telecommunications equipment and supplies
- 34223330 - Mobile units on trailers

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Satellite Applications Catapult Ltd

Electron Building, Fermi Avenue,

Harwell Oxford, Didcot, Oxfordshire, OX11 0QR, UK

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

Lot 1 – 3 x Trailers comprising of at least:

A trailer (with external power feed, inbuilt power generator, refrigerated cabinet for kit, etc) (can be towed using another vehicle).

## **II.3) Estimated date of publication of contract notice**

3 October 2022

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## 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: Yes

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## Section VI. Complementary information

### VI.3) Additional information

To participate, interested parties must be registered on the MyTenders portal <https://www.mytenders.co.uk/> with up-to-date contact details to include company name and E mail. If you have any issues registering, MyTenders has a help section located here:

<https://www.mytenders.co.uk/helpandresources/website.>

The Satellite Applications Catapult are requesting interested parties to express their interest by 02/09/2022. If you have

any further issues, please contact [procurement@sa.catapult.org.uk](mailto:procurement@sa.catapult.org.uk)

NOTE: To register your interest in this notice and obtain any additional information please visit the myTenders Web Site at

[https://www.mytenders.co.uk/Search/Search\\_Switch.aspx?ID=227214.](https://www.mytenders.co.uk/Search/Search_Switch.aspx?ID=227214.)

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