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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

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.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

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

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

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

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.

(MT Ref:227214)