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Planning

## **Unmanned Aircraft Transport Management System**

Satellite Applications Catapult

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-025001

Procurement identifier (OCID): ocds-h6vhtk-036652

Published 6 September 2022, 4:45pm

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

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

Satellite Applications Catapult

Electron Building, Fermi Avenue, Harwell

Didcot

OX11 0QR

#### **Contact**

Scarlet Forrest

#### **Email**

[procurement@sa.catapult.org.uk](mailto: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](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

RTO

**I.5) Main activity**

Other activity

Space Sector

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**Section II: Object**

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

**II.1.1) Title**

Unmanned Aircraft Transport Management System

Reference number

RFP-FY-23-15

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

- 60400000 - Air transport services

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

Services

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

The Satellite Applications Catapult, working with the Buckinghamshire Local enterprise partnership (Bucks LEP) have invested in the development of a Drone test and development centre (DTDC) this dedicated facility comprises of a set of drone workshops and hangers, 350 metre of horizontal or vertical take off runway and four dedicated drone VTOL Drone pads, the facility is located on the Westcott Venture Park in the heart of Buckinghamshire and is planned to be operational in early 2023.

The Satellite Applications Catapult is seeking a suitable supplier to design, install and commission all the necessary technical components and equipment to support drone operations and flight management in a safe and controlled environment.

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

This contract is divided into lots: No

## **II.2) Description**

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

- 34962220 - Air-traffic control systems
- 34990000 - Control, safety, signalling and light equipment
- 48120000 - Flight control software package
- 48121000 - Air traffic control software package
- 48131000 - Aviation ground support software package
- 72212120 - Flight control software development services

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Didcot

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

We are seeking:

1. A dedicated unmanned aircraft transport management system (UTM) Hardware and software for the purpose of flight planning, monitoring, real time observation and deconfliction.
2. Flight Operations safety management system (FOSMS) for the purpose of drone/UAV operators or individual Pilot auditing (certification, qualification, and permissions audits)
3. Drone/UAV or other Aircraft localised surveillance system e.g., RADAR based detection system
4. System to identify specific obstacles or no fly zones e.g masts, Pylons of fixed structure or other UAV/Drones
5. Establishment of a flight operation facility (hardware & software) to include a number of flight operations consoles
6. Situational awareness data ingestion, a single source of trusted data for the purpose of flight management and planning. ingestion of UAV telemetry and external data feeds e.g Ingestion g ADS-B (DF17/DF18), Flarm, OGN, Pilotaware, Metrological data or data from other ANSP's

#### **II.2.14) Additional information**

The purpose of the system is to give a real-time view of the aviation environment in and around the Westcott DTDC, support ELOS and BVLOS operations for multiple Drone/UAV operators at the DTDC and to ensure compliance with CAA or other policy and regulations.

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

26 September 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 with up-to-date contact details to include company name and email. If you have any 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=227300](https://www.mytenders.co.uk/Search/Search_Switch.aspx?ID=227300).

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