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Tender

## **Positioning, Orientation and Timing for Assets in Space using Global Navigation Satellite Systems-Like Signals**

Satellite Applications Catapult

F02: Contract notice

Notice identifier: 2023/S 000-019768

Procurement identifier (OCID): ocds-h6vhtk-03d779

Published 11 July 2023, 12:42pm

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

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

Satellite Applications Catapult

Electron Building, Fermi Avenue, Harwell

Didcot

OX11 0QR

#### **Contact**

Procurement

#### **Email**

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

#### **Country**

United Kingdom

## **NUTS code**

UK - United Kingdom

## **Internet address(es)**

Main address

[www.sa.catapult.org.uk](http://www.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**

The procurement documents are available for unrestricted and full direct access, free of charge, at

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

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

## **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**

Positioning, Orientation and Timing for Assets in Space using Global Navigation Satellite Systems-Like Signals

Reference number

SAC-ITT-24-014

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

- 60500000 - Space transport services

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

Services

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

The Satellite Applications Catapult is seeking a suitable provider to perform simulated analysis of a GNSS-like system for the position determination of assets in space, as well as timing, phase and frequency transfer. Comparison to existing GNSS constellations (GPS, Galileo, etc.) is to be carried out.

Analysis will also be carried out on the effects of the use of different frequencies, as well as transmitter power and separation.

Simulation files created by the provider will be delivered to the Satellite Applications Catapult alongside documentation detailing the results, and instructions allowing the work to be carried forward.

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

This contract is divided into lots: No

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

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

- 60500000 - Space transport services
- 72220000 - Systems and technical consultancy services
- 72000000 - IT services: consulting, software development, Internet and support

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

NUTS codes

- UKJ - South East (England)

Main site or place of performance

Harwell, Oxfordshire

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

The Satellite Applications Catapult is seeking a suitable provider to perform simulated analysis of a GNSS-like system for the position determination of assets in space, as well as timing, phase and frequency transfer. Comparison to existing GNSS constellations (GPS, Galileo, etc.) is to be carried out.

Analysis will also be carried out on the effects of the use of different frequencies, as well as transmitter power and separation.

Simulation files created by the provider will be delivered to the Satellite Applications Catapult alongside documentation detailing the results, and instructions allowing the work to be carried forward.

## **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

## **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Start date

1 September 2023

End date

31 March 2024

This contract is subject to renewal

Yes

Description of renewals

The contract will have 1 option to extend for up to 12 months, making the potential ultimate end date 31/03/2025. Any extension is to be agreed by both Parties and formalised via a signed contract change notice.

### **II.2.10) Information about variants**

Variants will be accepted: No

### **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

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

Further information relating to the scope is restricted and will be provided separately from this ITT document. Bidders will be required to sign a non-disclosure agreement before the full concept information is shared.

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

As outlined in the tender documentation

#### **III.2.3) Information about staff responsible for the performance of the contract**

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

#### **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: [2023/S 000-017344](#)

**IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

14 August 2023

Local time

10:00am

**IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

**IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Tender must be valid until: 14 November 2023

**IV.2.7) Conditions for opening of tenders**

Date

14 August 2023

Local time

10:00am

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **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)

Further information relating to the scope is restricted and will be provided separately from this ITT document. Bidders will be required to sign a non-disclosure agreement before the full concept information is shared.

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=229811](https://www.mytenders.co.uk/Search/Search_Switch.aspx?ID=229811).

The buyer has indicated that it will accept electronic responses to this notice via the Postbox facility. A user guide is available at [https://www.mytenders.co.uk/sitehelp/help\\_guides.aspx](https://www.mytenders.co.uk/sitehelp/help_guides.aspx).

Suppliers are advised to allow adequate time for uploading documents and to dispatch the electronic response well in advance of the closing time to avoid any last minute problems.

(MT Ref:229811)

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Public Procurement Review Service



Cabinet Office

London

Email

[publicprocurementreview@cabinetoffice.gov.uk](mailto: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>