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Planning

Gravity Off-Load System (Unit A)

Satellite Applications Catapult

F01: Prior information notice
Prior information only
Notice identifier: 2023/S 000-020267
Procurement identifier (OCID): ocds-h6vhtk-03e1ed
Published 14 July 2023, 12:22pm

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

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

RTO

I.5) Main activity

Other activity

Space Sector

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Gravity Off-Load System (Unit A)

Reference number

SAC-24-017-A

II.1.2) Main CPV code

- 42997300 - Industrial robots

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Satellite Applications Catapult is seeking a suitable provider to an overhead gantry system that will enable simulation of orbital environments by off-loading the effect of gravity on a suspended object. The system provided will installed in the Catapult's existing facility and will cover an area of 15m x 7m x 7m (lxwxh) and capable of carrying a 100kg payload. The system will be required to suspend objects in a free-floating manner but be able to move the object in any direction when a force is applied to it, thus simulating the in-orbit dynamics experienced during contact between space craft. As such, 6 degrees of freedom are required at the attachment point. The system will need to utilise its own control system to enable this, but it must be possible to provide force, position and trajectory data to external systems in a suitable format for data processing and control of other systems. Installation & commissioning of the system is to be included by the supplier.

II.1.5) Estimated total value

Value excluding VAT: £400,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ13 - Buckinghamshire CC

Main site or place of performance

Westcott

II.2.4) Description of the procurement

This is a prior information notice outlining this potential requirement to make the market aware of the potential upcoming need. If this progresses, procurement documentation will be published on the MyTenders portal and will be conducted by a competitive procurement process. We do not have further information to share at this point. Please ensure that you have registered your interest on the MyTenders portal to receive further updates about this opportunity.

II.2.14) Additional information

Additional background information is provided in the downloadable document “Background SAC IOSM Facility” – if you are having issues locating this document, please contact procurement@sa.catapult.org.uk to request a copy.

II.3) Estimated date of publication of contract notice

15 September 2023

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

We are issuing a series of PINs related to this requirement. It is worth noting that not all of these will progress to contract but work is still underway to determine our preferred options.

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=229852.

(MT Ref:229852)