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Planning

Tracking & Robot Control (Unit B)

Satellite Applications Catapult

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-020275

Procurement identifier (OCID): ocds-h6vhtk-03e1f4

Published 14 July 2023, 12:24pm

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

Tracking & Robot Control (Unit B)

Reference number

SAC-24-017-H

II.1.2) Main CPV code

- 38810000 - Industrial process control equipment

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Satellite Applications Catapult is seeking a suitable provider to supply a motion tracking and control system for industrial robots. The system must track multiple objects to sub-millimetre accuracy at frame rates up to 300Hz, record & report the results to an appropriate database and feedback updated target coordinates & orientations to robot controllers. It is anticipated that the total volume to be tracked is 25m x 18m x 6m. Software APIs to allow connection to other systems should be included as part of the costs. This includes integration to the Catapult's robot systems (via ROS nodes) to allow near real-time updating of programmed positions and trajectories. It is expected that this would operate in a closed loop fashion where the reported position is analysed against the intended and commands sent to the robots to adjust their position. The tenderer should include for all necessary hardware, software licenses, installation, and training costs.

II.1.5) Estimated total value

Value excluding VAT: £350,000

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=229859.

(MT Ref:229859)