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Tender

UKRI-3503 Collimated Optics, Software and Uniform VIS to TIR Source System

UK Research and Innovation

F02: Contract notice

Notice identifier: 2023/S 000-032958

Procurement identifier (OCID): ocds-h6vhtk-041686

Published 7 November 2023, 4:05pm

Section I: Contracting authority

I.1) Name and addresses

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 2FL

Email

STFCprocurement@ukri.org

Telephone

+44 1793442000

Country

United Kingdom

Region code

UKK14 - Swindon

Internet address(es)

Main address

www.ukri.org

I.3) Communication

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

<https://www.delta-esourcing.com/tenders/UK-UK-Swindon:-Optical-instruments./2P4F6W75HV>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research and Innovation

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKRI-3503 Collimated Optics, Software and Uniform VIS to TIR Source System

Reference number

UKRI-3503

II.1.2) Main CPV code

- 38600000 - Optical instruments

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKRI's RAL Space department seek to procure a collimator system for optical measurements over the visible (VIS) to thermal infrared (TIR) wavelength range (spectral range: 0.40 μ m to 14.00 μ m).

The system shall be used to provide pre-launch optical characterisation and calibration of small earth observing satellites, imaging systems and any remote sensing optical solution that falls under the category of small EO satellites.

The proposed system shall include a collimator, appropriate uniform white light and TIR sources, precision targets and target wheel for specific tests.

The system shall include all the necessary equipment and control software needed to operate the equipment (mechanical, electrical, electro-mechanical, electro-optical and software/firmware)

All individual parts are expected to be fully integrated into a robust enclosure system.

Please access our sourcing portal to view the requirement and documentation.

II.1.5) Estimated total value

Value excluding VAT: £220,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

II.2.4) Description of the procurement

This procurement exercise seeks to purchase a complete system that will provide a spatially homogeneous light beam from Vis to NIR with reasonable temporal stability and accuracy to optical characterise cameras and sensors used for EO.

The system is going to be installed in the premises of UKRI, RAL Space, at Harwell Campus, OX11 0QX, UK, and be part of the Small Satellite Calibration Facility of RAL Space.

The system shall be able to perform accordingly to the requirements set in this tender with the capability to perform measurements of a sensor's Line-Of-Sight, FOV, MTF, PSF and Distortion. The capability to perform radiometric tests is useful, but not mandatory as these will be covered by other equipment.

The estimated value of the opportunity is: £150,000.00 to £220,000.00 GBP excluding VAT.

The System should be delivered by 31st March 2024, support and training must be completed within 4 months after delivery.

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

Duration in months

7

This contract is subject to renewal

No

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

To respond to this opportunity please click here: <https://ukri.delta-esourcing.com/respond/2P4F6W75HV>

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

Date

14 December 2023

Local time

2:00pm

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

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

14 December 2023

Local time

2:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic invoicing will be accepted

VI.3) Additional information

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Optical-instruments./2P4F6W75HV>

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GO Reference: GO-2023117-PRO-24358084

VI.4) Procedures for review

VI.4.1) Review body

UK Research & Innovation

Science & Technology Facilities Council, Rutherford Appleton Laboratory, Harwell

Oxford

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Telephone

+44 1235446553

Country

United Kingdom