

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/032958-2023>

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](mailto:STFCprocurement@ukri.org)

#### **Telephone**

+44 1793442000

#### **Country**

United Kingdom

#### **Region code**

UKK14 - Swindon

**Internet address(es)**

Main address

[www.ukri.org](http://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  $\mu$ m to 14.00  $\mu$ 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-sourcing.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>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/2P4F6W75HV>

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

OX11 0QX

Telephone

+44 1235446553

Country

United Kingdom