

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/006505-2024>

Award

Supply of hardware as part of The OU spaceflight instrument and planetary science research

OPEN UNIVERSITY(THE)

F15: Voluntary ex ante transparency notice

Notice identifier: 2024/S 000-006505

Procurement identifier (OCID): ocds-h6vhtk-044444

Published 29 February 2024, 11:50am

Section I: Contracting authority/entity

I.1) Name and addresses

OPEN UNIVERSITY(THE)

The Vice-Chancellors Office, Walton Hall

MILTON KEYNES

MK76AA

Contact

Procurement Services

Email

finance-tenders@open.ac.uk

Country

United Kingdom

Region code

UKJ12 - Milton Keynes

Charity Commission (England and Wales)

RC000391

Internet address(es)

Main address

<http://www.open.ac.uk>

Buyer's address

<https://in-tendhost.co.uk/openuniversity>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Supply of hardware as part of The OU spaceflight instrument and planetary science research

Reference number

OUPA11173

II.1.2) Main CPV code

- 38431000 - Detection apparatus

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Open University is procuring specialist hardware from a third party provider.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £3,950,000

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ12 - Milton Keynes

Main site or place of performance

Milton Keynes

II.2.4) Description of the procurement

Phase 1: A contract to procure various models of combined visible-infrared detectors to:
1) perform radiation testing 2) characterise its performance in the laboratory.

Phase 2: Subject to successful outcomes from Phase 1, a subsequent contract for the procurement of flight-quality devices for inclusion on final I-MIM mission instrument.

II.2.11) Information about options

Options: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated without a prior call for competition

- The works, supplies or services can be provided only by a particular economic operator for the

following reason:

- absence of competition for technical reasons

Explanation:

Based on the use requirement of the final product, The OU requires a space-qualified combined visible-infrared detector for delivery within the funded timeframe of the project. Due to the time constraints of the project only existing "off the shelf" technology is required, any products still within the development phase or where a custom build would be required, will not be suitable.

The combined visible-infrared detector is required for a specific instrument which is for an established space-flight application. The following technical specifications (arising from the existing instrument optical design) are critical requirements:

Pixel pitch: 18 μm

Pixel format: 2k x 1k and stitchable design

Spectral range: covering less than 400nm up to 2.5 micron(i.e. UV/visible to IR in one package).

The suppliers considered, using publicly available information, in the assessment includes the major detector suppliers that the European Space Agency are currently working with to develop infrared detector technology.

Technical data sheets from all current European Space Agency (ESA) infrared detector technology suppliers were reviewed and assessed against the above requirements. The Chroma-D hardware available from Teledyne UK Limited were the only products which met all critical requirements.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract/concession

Contract No

OUPA11173

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

29 February 2024

V.2.2) Information about tenders

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor/concessionaire

Teledyne UK Limited

106 Waterhouse Lane

Chelmsford

CM12QU

Country

United Kingdom

NUTS code

- UKH3 - Essex

Companies House

00432014

The contractor/concessionaire is an SME

No

V.2.4) Information on value of contract/lot/concession (excluding VAT)

Total value of the contract/lot/concession: £3,950,000

Section VI. Complementary information

VI.3) Additional information

Based on the use requirement of the final product, The OU requires a space-qualified combined visible-infrared detector for delivery within the funded timeframe of the project. Due to the time constraints of the project only existing "off the shelf" technology is required, any products still within the development phase or where a custom build would be required, will not be suitable.

The combined visible-infrared detector is required for a specific instrument which is for an established space-flight application. The following technical specifications (arising from the existing instrument optical design) are critical requirements:

Pixel pitch: 18 μm

Pixel format: 2k x 1k and stitchable design

Spectral range: covering less than 400nm up to 2.5 micron(i.e. UV/visible to IR in one package).

The suppliers considered, using publicly available information, in the assessment includes the major detector suppliers that the European Space Agency are currently working with to develop infrared detector technology.

Technical data sheets from all current European Space Agency (ESA) infrared detector technology suppliers were reviewed and assessed against the above requirements. The Chroma-D hardware available from Teledyne UK Limited were the only products which met all critical requirements.

VI.4) Procedures for review

VI.4.1) Review body

N/A

N/A

Country

United Kingdom