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Tender

## **UKRI-1659 METIS - Integral Field Unit (IFU) Components**

UK Research & Innovation

F02: Contract notice

Notice identifier: 2021/S 000-029792

Procurement identifier (OCID): ocds-h6vhtk-02fbd6

Published 1 December 2021, 12:15pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

UK Research & Innovation

<https://www.ukri.org/>, Rutherford Appleton Laboratory, Harwell

Swindon

SN2 1FL

#### **Contact**

Elizabeth Gage

#### **Email**

[Elizabeth.Gage@ukri.org](mailto:Elizabeth.Gage@ukri.org)

#### **Telephone**

+44 1235446553

#### **Country**

United Kingdom

**NUTS code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://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:-Specialist-optical-instruments./S422573HX9>

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

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

UKRI-1659 METIS - Integral Field Unit (IFU) Components

Reference number

UKRI-1659

### **II.1.2) Main CPV code**

- 38636000 - Specialist optical instruments

### **II.1.3) Type of contract**

Supplies

### **II.1.4) Short description**

The European Extremely Large Telescope (ELT), currently under construction in Chile, will be the world's largest telescope operating in the visible and infrared wavelength domain. It is part of the European Southern Observatory (ESO), an inter-governmental research organization.

METIS is an imager and spectrometer for the (ELT), operating at wavelengths of 2.7 micron to around 14 micron.

The integral field unit (IFU) is an all reflective image slicing IFU with 28 slices. It is intended that the optical components of the IFU will be manufactured using single point diamond machining to generate the multiple mirror facets on monolithic components.

### **II.1.5) Estimated total value**

Value excluding VAT: £500,000

### **II.1.6) Information about lots**

This contract is divided into lots: No

## **II.2) Description**

### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

### **II.2.4) Description of the procurement**

The IFU reformats the two dimensional field of view to produce the input slit for the spectrometer. The 28 slice images that make up this slit will be formatted to fit the detector format described above with a gap in the middle of the slit corresponding to the gap in the detector mosaic with margins applied. The output slit will be formed on a curved focal plane with radius of curvature 1000 mm (centre of curvature away from the IFU) to improve the performance of the predisperser, with an output pupil at infinity (telecentric beam).

#### **II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £500,000

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

24

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

## **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: No

### **IV.2) Administrative information**

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

Date

25 January 2022

Local time

11:00am

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

25 January 2022

Local time

2:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **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:-Specialist-optical-instruments./S422573HX9>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/S422573HX9>

GO Reference: GO-2021121-PRO-19323489

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

UK Research and Innovation

Polaris House

Swindon

SN2 1FL

Country

United Kingdom