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Tender

## **LUV01156 Perform Thermal Balance and Cycling of the SMILE SXI PFM**

University of Leicester

F02: Contract notice

Notice identifier: 2023/S 000-008804

Procurement identifier (OCID): ocds-h6vhtk-03b63b

Published 27 March 2023, 12:05pm

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

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

University of Leicester

University Road

Leicester

LE1 7RH

#### **Contact**

Anthony Midgley

#### **Email**

[acm26@le.ac.uk](mailto:acm26@le.ac.uk)

#### **Telephone**

+44 1162522058

**Country**

United Kingdom

**Region code**

UKF22 - Leicestershire CC and Rutland

**Internet address(es)**

Main address

<https://le.ac.uk/>

**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-Leicester:-Technical-testing%2C-analysis-and-consultancy-services./272579F89S>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.delta-esourcing.com/tenders/UK-UK-Leicester:-Technical-testing%2C-analysis-and-consultancy-services./272579F89S>

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**

Education

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## **Section II: Object**

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

#### **II.1.1) Title**

LUV01156 Perform Thermal Balance and Cycling of the SMILE SXI PFM

Reference number

LUV01156

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

- 71600000 - Technical testing, analysis and consultancy services

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

Services

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

The Soft X-ray Imager (SXI) Instrument is intended for use on the joint European Space Agency (ESA) and Chinese Academy of Sciences (CAS) mission Solar Wind Magnetosphere Ionosphere Link Explorer (SMILE) to study the interaction of the solar wind with the Earth's magnetosphere and ionosphere. As part of the instrument Proto-Flight Model (PFM) acceptance test campaign, the SXI instrument needs to undergo thermal balance and thermal cycling acceptance testing to demonstrate compliance with instrument thermal performance requirements.

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

Value excluding VAT: £180,000

#### **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 Soft X-ray Imager (SXI) Instrument is intended for use on the joint European Space Agency (ESA) and Chinese Academy of Sciences (CAS) mission Solar Wind Magnetosphere Ionosphere Link Explorer (SMILE) to study the interaction of the solar wind with the Earth's magnetosphere and ionosphere. University of Leicester (UL) is the Principal Investigator (PI) institution of SXI.

The SXI Instrument is one of four Instruments on the Spacecraft (S/C). SMILE will monitor the interaction of the Earth's magnetosphere and ionosphere with the solar wind. The mission science is intended to assist the understanding of the structures and dynamics of the magnetosphere and ionosphere on a global scale. The SMILE payload consists of the SXI, Ultraviolet Imager (UVI), Light Ion Analyser (LIA) and Magnetometer (MAG) Instruments.

The SXI Instrument comprises three units: Telescope, Front End Electronics (FEE) and Back End Electronics Box (EBOX), plus inter-connecting unit Harness.

As part of the instrument Proto-Flight Model (PFM) acceptance test campaign, the SXI instrument needs to undergo thermal balance and thermal cycling acceptance testing to demonstrate compliance with instrument thermal performance requirements.

This tender exercise covers the provision of these tests, including supply of facilities and performance of the test in conjunction with instrument operatives from the University of Leicester.

#### **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: £180,000

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

Start date

10 October 2023

End date

7 December 2023

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://universityofleicester.delta-sourcing.com/respond/272579F89S>

Note: The test facility must be located within the United Kingdom of Great Britain and Northern Ireland (not requiring a license) or within the European Union.

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

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## **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

28 April 2023

Local time

12:00pm

#### **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

28 April 2023

Local time

12:30pm

Place

Leicester

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **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. Note: The University of Leicester holds an Open General Export License for the export of Dual Use Items to the European Union. Any movements of the SXI instrument must be able to be undertaken in accordance with the conditions of this export license. As such any test facility must be located within the United Kingdom of Great Britain and Northern Ireland (not requiring a license) or within the European Union.

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

<https://universityofleicester.delta-esourcing.com/tenders/UK-UK-Leicester:-Technical-testing%2C-analysis-and-consultancy-services./272579F89S>

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GO Reference: GO-2023327-PRO-22405132

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

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

Royal Courts of Justice



Strand

London

WC2A 2LL

Country

United Kingdom

**VI.4.2) Body responsible for mediation procedures**

University of Leicester

Leicester

Country

United Kingdom

**VI.4.4) Service from which information about the review procedure may be obtained**

See above

Leicester

Country

United Kingdom