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Tender

## **Small and Wide Angle scattering equipment**

University of Central Lancashire

F02: Contract notice

Notice identifier: 2024/S 000-004179

Procurement identifier (OCID): ocds-h6vhtk-043834

Published 8 February 2024, 11:21am

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

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

University of Central Lancashire

Vernon Street

Preston

PR1 2HE

#### **Email**

[nismail4@uclan.ac.uk](mailto:nismail4@uclan.ac.uk)

#### **Telephone**

+44 77289220

#### **Country**

United Kingdom

#### **NUTS code**

UKD4 - Lancashire

**Internet address(es)**

Main address

<https://www.uclan.ac.uk>

Buyer's address

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

**I.3) Communication**

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

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

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**

Education

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**Section II: Object**

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

**II.1.1) Title**

Small and Wide Angle scattering equipment

Reference number

PST23-322

**II.1.2) Main CPV code**

- 38970000 - Research, testing and scientific technical simulator

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

Supplies

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

The University is seeking to purchase Small and Wide Angle X-Ray Scattering Equipment to be delivered no later than June 2024. Small and Wide Angle X-ray Scattering (SAXS/WAXS) Technique has an exceptional significance for the structural (e.g. nanostructural) characterization of the matter, because it can be employed under conditions where Transmission Electron Microscopy (TEM) is not useful (i.e. under wet conditions, at various temperatures, and for real-time, time-resolved, high-throughput and in-situ experiments). Moreover, Angstrom range X-ray wavelength enables capturing of morphological information at molecular and nanoscale levels. A broad range of samples including powders, pastes, films and fibres can be studied, for which various sample holders e.g. capillary holder, paste cells, etc. are designed. In general, the 2-D images or 1-D patterns captured by specialized detector/s are analysed using designated software/s to identify phases/polymorphs, calculate lattice paramete

### **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

- UKD4 - Lancashire

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

The University is seeking to purchase Small and Wide Angle X-Ray Scattering Equipment to be delivered no later than June 2024. Small and Wide Angle X-ray Scattering (SAXS/WAXS) Technique has an exceptional significance for the structural (e.g. nanostructural) characterization of the matter, because it can be employed under conditions where Transmission Electron Microscopy (TEM) is not useful (i.e. under wet conditions, at various temperatures, and for real-time, time-resolved, high-throughput and

in-situ experiments). Moreover, Angstrom range X-ray wavelength enables capturing of morphological information at molecular and nanoscale levels. A broad range of samples including powders, pastes, films and fibres can be studied, for which various sample holders e.g. capillary holder, paste cells, etc. are designed. In general, the 2-D images or 1-D patterns captured by specialized detector/s are analysed using designated software/s to identify phases/polymorphs, calculate lattice parameters, determine crystallinity etc. Not only used in materials chemistry (organic, inorganic, nano, bio, structural and hybrid) but SAXS/WAXS is a valuable tool for analyses and applications in physics, engineering, pharmaceuticals, cosmetics, medicine, microbiology, dentistry, geology, archaeology, forensics and biomedical sciences and nanotechnology.

#### **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: £220,000

#### **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

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

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

#### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

See attached 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

11 March 2024

Local time

10:00am

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

English

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

Date

11 March 2024

Local time

10:30am

Place

University of Central Lancashire, Preston

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

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

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

University of Central Lancashire

Preston

Country

United Kingdom