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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): ocids-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

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

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

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

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

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