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Tender

Procurement of an X-Ray Diffractometer

University of Bristol

F02: Contract notice

Notice identifier: 2022/S 000-023770

Procurement identifier (OCID): ocds-h6vhtk-0362e3

Published 25 August 2022, 1:07pm

Section I: Contracting authority

I.1) Name and addresses

University of Bristol

4th Floor, Augustine's Courtyard, Orchard Lane

Bristol

BS1 5DS

Email

yi19222@bristol.ac.uk

Telephone

+44 01179289000

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.bristol.ac.uk

I.3) Communication

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

<https://tenders.bris.ac.uk/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://tenders.bris.ac.uk/>

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

Procurement of an X-Ray Diffractometer

Reference number

Lab-2207-155-PC_2307

II.1.2) Main CPV code

- 38530000 - Diffraction apparatus

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University of Bristol has a requirement for a new X-Ray Diffractometer (XRD) which will form part of the Facility for Radioactive Materials Surfaces (FaRMS), part of the National Nuclear User Facility (NNUF) project. FaRMS will be embedded in the Interface Analysis Centre (IAC), part of the School of Physics.

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

II.2.4) Description of the procurement

The requirement is comprised of a state-of-the-art XRD system with particular focus on

solid materials analysis, texture, and thin film characterisation. Offers are invited for the procurement of a floor-mounted XRD system, which will be able to measure polycrystalline/powders, texture, stress/strain, reciprocal space maps, thin film reflectivity, and have a Eulerian cradle (or a similar chi, phi and height stage) for single-crystal work. The ability to add environmental stages (such as high/low temperature and gas reaction cells) is important, so a vertical scattering geometry, theta-theta machine is most likely. Additional features, such as automatic height alignment and 2D detector set up would also be highly preferred.

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

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: Yes

IV.2) Administrative information

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

Date

28 September 2022

Local time

1:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

28 September 2022

Local time

1:00pm

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

The University of Bristol

Bristol

Country

United Kingdom