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Contract

Procurement of an X-Ray Diffractometer

University of Bristol

F03: Contract award notice

Notice identifier: 2022/S 000-032267

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

Published 14 November 2022, 4:58pm

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

Region code

UK - United Kingdom

Internet address(es)

Main address

www.bristol.ac.uk

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.

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.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £185,606

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

Quality criterion - Name: Technical / Weighting: 75

Cost criterion - Name: Commercial / Weighting: 25

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.2.1) Previous publication concerning this procedure

Notice number: [2022/S 000-023770](#)

Section V. Award of contract

Contract No

Lab-2207-155-PC_2307

Title

Procurement of an X-Ray Diffractometer

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

21 October 2022

V.2.2) Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

SciMed Ltd

Heaton Mersey

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

Yes

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £185,606

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The University of Bristol

Bristol

Country

United Kingdom