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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](mailto:yi19222@bristol.ac.uk)

#### **Telephone**

+44 01179289000

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<http://www.bristol.ac.uk>

**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**

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

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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.2.1) Previous publication concerning this procedure**

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

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## **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

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## **Section VI. Complementary information**

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

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

The University of Bristol

Bristol

Country

United Kingdom