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Tender

## **Single Crystal XRD & Powder XRD systems for the Natural History Museum**

Natural History Museum

F02: Contract notice

Notice identifier: 2022/S 000-026930

Procurement identifier (OCID): ocids-h6vhtk-036b9c

Published 26 September 2022, 7:05pm

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

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

Natural History Museum

Cromwell Road

London

SW7 5BD

#### **Contact**

Stephen Crawley

#### **Email**

[s.crawley@nhm.ac.uk](mailto:s.crawley@nhm.ac.uk)

#### **Telephone**

+44 2079425205

#### **Country**

United Kingdom

**Region code**

UKI - London

**National registration number**

United Kingdom

**Internet address(es)**

Main address

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

**I.3) Communication**

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

<https://www.delta-esourcing.com/tenders/UK-UK-London:-Diffraction-apparatus./2WNN5XA5F7>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.delta-esourcing.com/tenders/UK-UK-London:-Diffraction-apparatus./2WNN5XA5F7>

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**

Recreation, culture and religion

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## **Section II: Object**

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

#### **II.1.1) Title**

Single Crystal XRD & Powder XRD systems for the Natural History Museum

#### **II.1.2) Main CPV code**

- 38530000 - Diffraction apparatus

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

Supplies

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

The Natural History Museum (NHM) wishes to secure two X-ray Diffractometer systems (a Single-Crystal XRD and a Powder XRD). These are required for a range of the most demanding scientific applications in the Natural History Museum, London.

We are looking for a state-of-the-art Single-Crystal XRD instrument (SCXRD) that enables the structure analysis of very small and complex crystals at ambient and non-ambient conditions (low/high temperature, high pressure).

We are also looking for a state-of-the-art Powder XRD instrument that enables the analysis of both tiny and large sample volumes at the highest resolution, speed, and reproducibility. Versatility in measurement modes and sample stages is essential. The instrument shall be equipped with heating and cooling stages to monitor the thermal behaviour of phases. Auto-sample changing capability is required to ensure laboratory efficiency and high throughput.

#### **II.1.5) Estimated total value**

Value excluding VAT: £914,000

#### **II.1.6) Information about lots**

This contract is divided into lots: Yes

Tenders may be submitted for all lots

### **II.2) Description**

### **II.2.1) Title**

Single-Crystal X-Ray Diffractometer system

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 38530000 - Diffraction apparatus

### **II.2.3) Place of performance**

NUTS codes

- UKI - London

Main site or place of performance

LONDON

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

We are looking for a state-of-the-art Single-Crystal XRD instrument (SCXRD) that enables the structure analysis of very small and complex crystals at ambient and non-ambient conditions (low/high temperature, high pressure).

### **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: £557,973

### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Start date

21 November 2022

End date

31 March 2023

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

#### **II.2.14) Additional information**

To respond to this opportunity please click here: <https://www.delta-sourcing.com/respond/2WNN5XA5F7>

### **II.2) Description**

#### **II.2.1) Title**

Powder X-Ray Diffractometer system

Lot No

2

#### **II.2.2) Additional CPV code(s)**

- 38530000 - Diffraction apparatus

#### **II.2.3) Place of performance**

NUTS codes

- UKI - London

Main site or place of performance

LONDON

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

We are looking for a state-of-the-art Powder XRD instrument that enables the analysis of both tiny and large sample volumes at the highest resolution, speed, and reproducibility. Versatility in measurement modes and sample stages is essential. The instrument shall be equipped with heating and cooling stages to monitor the thermal behaviour of phases. Auto-sample changing capability is required to ensure laboratory efficiency and high throughput.

#### **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: £355,752

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Start date

21 November 2022

End date

31 March 2023

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

#### **II.2.14) Additional information**

To respond to this opportunity please click here: <https://www.delta-sourcing.com/respond/2WNN5XA5F7>

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

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

##### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

##### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement 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: No

### **IV.2) Administrative information**

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

Date

26 October 2022

Local time

12:00pm

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

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

Date

26 October 2022

Local time

12:00pm



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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **VI.3) Additional information**

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://www.delta-esourcing.com/tenders/UK-UK-London:-Diffraction-apparatus./2WNN5XA5F7>

To respond to this opportunity, please click here:

<https://www.delta-esourcing.com/respond/2WNN5XA5F7>

GO Reference: GO-2022926-PRO-21023954

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

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

Natural History Museum

Cromwell Road, London

London

SW7 5BD

Email

[s.crawley@nhm.ac.uk](mailto:s.crawley@nhm.ac.uk)

Telephone

+44 2079425205

Country

United Kingdom

Internet address

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

**VI.4.4) Service from which information about the review procedure may be obtained**

Natural History Museum

Cromwell Road, London

London

SW7 5BD

Email

[s.crawley@nhm.ac.uk](mailto:s.crawley@nhm.ac.uk)

Telephone

+44 2079425205

Country

United Kingdom

Internet address

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