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Contract

Single Crystal XRD system for the Natural History Museum

Natural History Museum

F03: Contract award notice

Notice identifier: 2023/S 000-004602

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

Published 15 February 2023, 10:05am

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

Telephone

+44 2079425305

Country

United Kingdom

Region code

UKI - London

Internet address(es)

Main address

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

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Recreation, culture and religion

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Single Crystal XRD system 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. This award notice is for Lot 1 - the Single Crystal XRD System

II.1.6) Information about lots

This contract is divided into lots: Yes

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

Value excluding VAT: £913,725.33

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

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.2.5) Award criteria

Quality criterion - Name: Technical Performance of proposed equipment / Weighting: 50

Quality criterion - Name: Instrument use and operation / Weighting: 15

Quality criterion - Name: Maintenance, Technical and Remote Support / Weighting: 15

Quality criterion - Name: Social Value / Weighting: 10

Quality criterion - Name: Proposed Add-ons / Weighting: 10

Price - Weighting: 0

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 000-026930](#)

Section V. Award of contract

Contract No

2

Lot No

1

Title

Single Crystal X-ray Diffractometer System

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

13 February 2023

V.2.2) Information about tenders

Number of tenders received: 3

Number of tenders received from SMEs: 3

Number of tenders received from tenderers from other EU Member States: 2

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 3

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

V.2.3) Name and address of the contractor

Rigaku Europe SE

Hugenottenallee 167

Neu-Isenburg

63263

Email

Michael.Hippler@rigaku.com

Telephone

+49 61027799951

Country

Germany

NUTS code

- DE713 - Offenbach am Main, Kreisfreie Stadt

National registration number

N/A

Internet address

www.rigaku.com

The contractor is an SME

Yes

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

Initial estimated total value of the contract/lot: £557,500

Total value of the contract/lot: £557,500

Section VI. Complementary information

VI.3) Additional information

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=760046206>

GO Reference: GO-2023215-PRO-22131931

VI.4) Procedures for review

VI.4.1) Review body

Natural History Museum

Cromwell Road

London

SW7 5BD

Email

s.crawley@nhm.ac.uk

Telephone

+44 2079425305

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

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Internet address

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