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Contract

Thermal Ionisation Mass Spectrometer

Cardiff University

F03: Contract award notice

Notice identifier: 2023/S 000-029210

Procurement identifier (OCID): ocds-h6vhtk-03bf42

Published 4 October 2023, 9:59am

Section I: Contracting authority

I.1) Name and addresses

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

Email

procurement@cardiff.ac.uk

Telephone

+44 2920879648

Country

United Kingdom

NUTS code

UKL - Wales

Internet address(es)

Main address

<http://www.cardiff.ac.uk/business/why-work-with-us/for-suppliers>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0258

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

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

Thermal Ionisation Mass Spectrometer

Reference number

CU.1134.SF

II.1.2) Main CPV code

- 38433100 - Mass spectrometer

II.1.3) Type of contract

Supplies

II.1.4) Short description

The School of Earth and Environmental are seeking a Thermal Ionisation Mass Spectrometer (TIMS) specifically equipped with low-noise collectors. The system must also be provided with an outgassing system to clean filaments. The equipment will be located in an existing isotope laboratory with air conditioning. We will use the equipment to analyse the isotope composition of non-gaseous chemical elements (e.g. Nd, Pb) at precision of c. 30-50ppm/amu internal precision ($\pm 2SE$) and external reproducibility ($\pm 2SD$) while consuming c. 1ng of analyte or less.

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: £625,000

II.2) Description**II.2.2) Additional CPV code(s)**

- 38433100 - Mass spectrometer

II.2.3) Place of performance

NUTS codes

- UKL22 - Cardiff and Vale of Glamorgan

II.2.4) Description of the procurement

The School of Earth and Environmental are seeking a Thermal Ionisation Mass Spectrometer (TIMS) specifically equipped with low-noise collectors. The system must also be provided with an outgassing system to clean filaments. The equipment will be located in an existing isotope laboratory with air conditioning. We will use the equipment to analyse the isotope composition of non-gaseous chemical elements (e.g. Nd, Pb) at precision of c. 30-50ppm/amu internal precision ($\pm 2SE$) and external reproducibility ($\pm 2SD$) while consuming c. 1ng of analyte or less.

II.2.5) Award criteria

Quality criterion - Name: Test data for the repeated analysis of Nd isotope ratios / Weighting: 15

Quality criterion - Name: Test data for the repeated analysis of common Pb isotope ratios using 1ng of NBS981 standard / Weighting: 15

Quality criterion - Name: Test data for the repeated analysis of common U isotope ratios ($^{238}\text{U}/^{235}\text{U}$ and $^{234}\text{U}/^{238}\text{U}$) using 1ng of CRM-145 (or similar near-natural) standard / Weighting: 15

Quality criterion - Name: Abundance sensitivity / Weighting: 10

Quality criterion - Name: Measured noise level / Weighting: 15

Quality criterion - Name: Ion beam saturation intensities and response time / Weighting: 15

Quality criterion - Name: Cover replacement costs for Faraday collectors (or equivalent to Faraday collectors) / Weighting: 15

Price - Weighting: 30

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: [2023/S 000-010988](#)

Section V. Award of contract

Contract No

CU.1134.SF

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

20 September 2023

V.2.2) Information about tenders

Number of tenders received: 3

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 3

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

Thermo Fisher Scientific

Boundary Way

Hemel Hempstead

Hp27GE

Telephone

+44 1442233555

Country

United Kingdom

NUTS code

- UKH23 - Hertfordshire

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £625,000

Total value of the contract/lot: £625,000

Section VI. Complementary information

VI.3) Additional information

(WA Ref:135312)

VI.4) Procedures for review

VI.4.1) Review body

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom