Award

Centri GCxGC-TOF-MS system

University Of Reading

F15: Voluntary ex ante transparency notice
Notice identifier: 2022/S 000-022831
Procurement identifier (OCID): ocds-h6vhtk-035f86
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Section I: Contracting authority/entity

I.1) Name and addresses

University Of Reading

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READING

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Contact

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Telephone

+44 1183787629

Country

United Kingdom

Region code

UKJ11 - Berkshire

University of Reading - UK

University - Education

Internet address(es)

Main address

www.reading.ac.uk/procurement

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

Centri GCxGC-TOF-MS system

Reference number

UOR/LAB/23/001

II.1.2) Main CPV code

- 38430000 - Detection and analysis apparatus

II.1.3) Type of contract

Supplies

II.1.4) Short description

For the purchase of Centri GCxGC-TOF-MS system for the discovery, profiling, and screening of volatile organic compounds. This equipment has been selected for the ability to allow automated HiSorb immersive extraction. Samples can be stacked and run in sequence, with detachment of probes from the robot arm allowing for the next sample extraction to begin. The robot then recollects the probe and inserts into the platform. The system allows for any injected samples to be recollected onto thermal desorption tubes, facilitating multiple analyses of the same extract. The mass spectrometer features tandem ionisation capability, which allows for generation of mass spectra profiles at two different ionisation energies simultaneously. This allows for increased confidence in compound identification and facilitates structural elucidation and isotope ratios. The entire platform is operated with ChromSpace software, allowing for integrated control of Centri automated extraction, GC injection, flow modulation, flame ionisation detection quantification, mass spectrometer operation, data processing, and statistical analysis.

The University has published this VEAT notice and intends to award a contract to Markes International Analytical Limited, following the expiry of 10 full calendar days after the expiry of this notice.

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: £317,358.39

II.2) Description

II.2.2) Additional CPV code(s)

- 38430000 - Detection and analysis apparatus

II.2.3) Place of performance

NUTS codes

- UKJ - South East (England)

Main site or place of performance

University of Reading

Whiteknights campus

II.2.4) Description of the procurement

For the purchase of Centri GCxGC-TOF-MS system for the discovery, profiling, and screening of volatile organic compounds. This equipment has been selected for the ability to allow automated HiSorb immersive extraction. Samples can be stacked and run in sequence, with detachment of probes from the robot arm allowing for the next sample extraction to begin. The robot then recollects the probe and inserts into the platform. The system allows for any injected samples to be recollected onto thermal desorption tubes, facilitating multiple analyses of the same extract. The mass spectrometer features tandem ionisation capability, which allows for generation of mass spectra profiles at two different ionisation energies simultaneously. This allows for increased confidence in compound identification and facilitates structural elucidation and isotope ratios. The entire platform is operated with ChromSpace software, allowing for integrated control of Centri automated extraction, GC injection, flow modulation, flame ionisation detection quantification, mass spectrometer operation, data processing, and statistical analysis.

The University has published this VEAT notice and intends to award a contract to Markes International analytical limited, following the expiry of 10 full calendar days after the expiry of this notice.

II.2.11) Information about options

Options: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated without a prior call for competition

- The works, supplies or services can be provided only by a particular economic operator for the following reason:
    - absence of competition for technical reasons

Explanation:

Absence for technical reasons due to the patents and requirement to have the five key features of the instrument which are 1) the immersive HiSorb sampling method, 2) robotic automation of sampling with detachment of HiSorb probes for 'stacking' extracts, 3) sample recollection onto thermal desorption (TD) tubes, 4) Tandem Ionisation (TI) of samples in the mass spectrometer, and 5) fully integrated software for instrument operation (including flow modulation) and data analysis.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract/concession

Contract No

UOR/LAB/23/001

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

17 August 2022

V.2.2) Information about tenders

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

V.2.3) Name and address of the contractor/concessionaire

Markes International Limited

1000B Central Park

Bridgend

CF31 3RT

Telephone

+44 1443230935

Country

United Kingdom

NUTS code

- UKL - Wales

Companies House

Laboratory Equipment

Internet address

www.markes.com

The contractor/concessionaire is an SME

No

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

Total value of the contract/lot/concession: £317,358.39

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

University of Reading

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Reading

RG6 6UR

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