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Award

Mass Spectrometer

Durham University

F15: Voluntary ex ante transparency notice

Notice identifier: 2022/S 000-030433

Procurement identifier (OCID): ocds-h6vhtk-037d01

Published 27 October 2022, 10:56pm

Section I: Contracting authority/entity

I.1) Name and addresses

Durham University

Mountjoy Centre, Stockton Road

Durham

DH13LE

Contact

Rachael Devlin

Email

rachael.devlin@durham.ac.uk

Telephone

+44 1913344541

Country

United Kingdom

Region code

UKC14 - Durham CC

Companies House

RC000650

Internet address(es)

Main address

www.durham.ac.uk

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

Mass Spectrometer

Reference number

ITT22-030

II.1.2) Main CPV code

- 38433100 - Mass spectrometer

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University has a requirement to purchase an ion mobility mass spectrometer with associated liquid chromatography system for a dedicated proteomics facility.

The University has published this VEAT notice and intends to award a contract to Bruker Ltd, following the expiry of 10 days from the date of publication 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: £765,275

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKC1 - Tees Valley and Durham

II.2.4) Description of the procurement

The University has a requirement to purchase an ion mobility mass spectrometer with associated liquid chromatography system for a dedicated proteomics facility. The liquid chromatography-mass spectrometry (LC-MS) equipment must have the capability for sensitive detection and quantification of peptides derived from proteins by enzymatic digestion, including those with protein post-translational modifications. The equipment must comprise a state-of-the-art high resolution/accurate mass tandem mass spectrometer, integrated nano-flow liquid chromatography (LC) system, ancillary equipment required for their operation and computer hardware/software for instrument control and data-processing.

The University has published this VEAT notice and intends to award a contract to Bruker Ltd, following the expiry of 10 days from the date of publication 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:

The systems must have the following key features:

- Achieve high sensitivity and near 100% ion utilisation through the use of trapped ion mobility or other technologies
- Capable of separating chromatographically co-eluting positional isomers of peptides containing post-translational modifications by trapped ion mobility.
- Provide high MS/MS scan speeds exceeding 120 Hz, to allow for high throughput sample analyses using short chromatographic gradients whilst maintaining high peptide identification rates
- Perform real-time database searches of peptide spectra in order to deliver a complete peptide database search result by the end of the run.
- Capable of measuring and incorporating Collisional Cross Section (CCS) values into the database search algorithm to improve peptide identification rates.
- Capable of highly selective targeted assays such as Parallel Reaction Monitoring (PRM), ideally by selecting peptide targets through a combination of mass over charge and ion mobility
- Mirror new proteomic analytical hardware provided to a partner laboratory and enable method and technology transfer between the labs.

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

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract/concession

Contract No

ITT22-030

Title

Mass Spectrometer

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

27 October 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

Bruker UK Ltd

Banner Lane

Coventry

CV4 9GH

Country

United Kingdom

NUTS code

- UK - United Kingdom

Companies House

00923986

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: £765,275

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Durham University

Durham

Country

United Kingdom