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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](mailto: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](http://www.durham.ac.uk)

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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**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

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## 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

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## **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

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**Section VI. Complementary information**

**VI.4) Procedures for review**

**VI.4.1) Review body**

Durham University

Durham

Country

United Kingdom