

United Kingdom-Newcastle upon Tyne: Mass spectrometer
OJ S 34/2020 18/02/2020
Contract award notice
Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: University of Northumbria at Newcastle
Postal address: Sutherland Building, College Street
Town: Newcastle upon Tyne
NUTS code: UKC2 Northumberland and Tyne and Wear
Postal code: NE1 8ST
Country: United Kingdom
Contact person: Angelique Borsboom
E-mail: angelique.borsboom@northumbria.ac.uk
Telephone: +44 7429334777

Internet address(es):

Main address: <https://www.northumbria.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: T19/0007

II.1.2. Main CPV code

38433100 Mass spectrometer

II.1.3. Type of contract

Supplies

II.1.4. Short description

The mass spectrometer must consist of 3 mass analyzers, the first built on quadrupole technology, the second built on linear ion trap technology, the third on Orbitrap technology. It must be capable of performing 1 full cycle in < 1,1 sec and be able to obtain > 500 000 resolution at m/z 200 in full scan mode.

It must be capable of performing CID and HCD at any MSn stage with fragment ion detection in either Ion trap or Orbitrap and have a mass accuracy to < 3 ppm RMS, with external calibration over 24 h and without any kind of mass recalibration and < 1 ppm RMS, with

internal calibration. It must have an advanced active beam guide or equivalent that prevents neutrals and unwanted ions entering the quadrupole and an ion transfer tube that must be removable without breaking vacuum.

II.1.6. Information about lots

This contract is divided into lots: no

II.1.7. Total value of the procurement

Value excluding VAT: 700 000,00 GBP

II.2. Description

II.2.3. Place of performance

NUTS code: UKC2 Northumberland and Tyne and Wear

Main site or place of performance: Northumberland and Tyne and Wear.

II.2.4. Description of the procurement

The mass spectrometer must consist of three mass analyzers, the first built on quadrupole technology, the second built on linear ion trap technology, the third on Orbitrap technology. It must be capable of performing one full cycle in < 1,1 sec and be able to obtain > 500 000 resolution at m/z 200 in full scan mode.

It must be capable of performing CID and HCD at any MS_n stage with fragment ion detection in either ion trap or Orbitrap and have a mass accuracy to < 3 ppm RMS, with external calibration over 24 h and without any kind of mass recalibration and < 1 ppm RMS, with internal calibration. It must have an advanced active beam guide or equivalent that prevents neutrals and unwanted ions entering the quadrupole and an ion transfer tube that must be removable without breaking vacuum.

II.2.5. Award criteria

Quality criterion - Name: The device consists of 3 mass analysers, quadrupole, linear ion trap, Orbitrap technology / Weighting: 6

Quality criterion - Name: Is capable of one full cycle in < 1,1 sec (1 full scan in pos mode and 1 in neg mode at resolution 30 000 Hz) / Weighting: 6

Quality criterion - Name: Is able to obtain > 500 000 resolution at m/z 200 in full scan mode / Weighting: 6

Quality criterion - Name: Is capable of CID and HCD at any MS_n stage with fragment ion detection in ion trap or Orbitrap / Weighting: 6

Quality criterion - Name: Able to perform MS_n experiments, n=1 to n=10 for structural analysis and confident confirmation of small molecules / Weighting: 6

Quality criterion - Name: Is capable of mass accuracy to < 3 ppm RMS, with external calibration over 24 h, without any mass recalibration and < 1 ppm RMS, with internal calibration / Weighting: 6

Quality criterion - Name: Has an advanced active beam guide or equivalent that prevents neutrals and unwanted ions entering the quadrupole / Weighting: 6

Quality criterion - Name: Has an ion transfer tube that must be removable without breaking vacuum / Weighting: 5

Quality criterion - Name: Please confirm that the proposed mass spectrometer comes with an associated high performance liquid chromatography system and describe the key features of this system / Weighting: 5

Quality criterion - Name: Confirm the named account manager with contact details as well as a nominated escalation contact / Weighting: 1

Quality criterion - Name: How will you manage the delivery and installation, including delivery time and any access and requirements for delivery to a non-ground floor location / Weighting: 3
Quality criterion - Name: Provide details of the training to be provided to staff as standard for the proposed device / Weighting: 3
Quality criterion - Name: Please confirm that the proposed mass spectrometer comes with a warranty period of at least 1 year and detail what such warranty covers, including service levels / Weighting: 3
Quality criterion - Name: Please detail any extended warranty periods available for equipment, spare parts and consumables and detail what such warranty covers and what the cost would be / Weighting: 3
Quality criterion - Name: Provide details of how you will assist and support us in making this purchase as sustainable as possible / Weighting: 5
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

II.2.14. Additional information

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Open procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

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

The procurement is covered by the Government Procurement Agreement: no

IV.2. Administrative information

IV.2.1. Previous publication concerning this procedure

Notice number in the OJ S: [2019/S 248-612106](#)

IV.2.8. Information about termination of dynamic purchasing system

IV.2.9. Information about termination of call for competition in the form of a prior information notice

Section V: Award of contract

Contract No: T19/0007

A contract/lot is awarded: yes

V.2. Award of contract

V.2.1. Date of conclusion of the contract

07/02/2020

V.2.2. Information about tenders

Number of tenders received: 1

Number of tenders received by electronic means: 1

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

V.2.3. Name and address of the contractor

Official name: Thermo Fisher Scientific

Postal address: Stafford House, Boundary Way

Town: Hemel Hempstead

NUTS code: UKH23 Hertfordshire

Postal code: HP2 7GE

Country: United Kingdom

The contractor is an SME: no

V.2.4. Information on value of the contract/lot

Initial estimated total value of the contract/lot: 700 000,00 GBP

Total value of the contract/lot: 619 394,00 GBP

V.2.5. Information about subcontracting**Section VI: Complementary information**

VI.3. Additional information

To view this notice, please click here: <https://neupc.delta-esourcing.com/delta/viewNotice.html?noticeId=472496197>

GO Reference: GO-2020217-PRO-16009774

VI.4. Procedures for review**VI.4.1. Review body**

Official name: University of Northumbria at Newcastle

Postal address: College Street

Town: Newcastle upon Tyne

Postal code: NE1 8ST

Country: United Kingdom

E-mail: angelique.borsboom@northumbria.ac.uk

Telephone: +44 7429334777

Internet address: <https://www.northumbria.ac.uk/>

VI.5. Date of dispatch of this notice

17/02/2020