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Award

High Mass Resolving Power, High Mass Accuracy, Benchtop Mass Spectrometry Instrument

National Physical Laboratory

F15: Voluntary ex ante transparency notice

Notice identifier: 2023/S 000-015737

Procurement identifier (OCID): ocds-h6vhtk-03d370

Published 2 June 2023, 3:23pm

Section I: Contracting authority/entity

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

charley.choules@npl.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.npl.co.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

High Mass Resolving Power, High Mass Accuracy, Benchtop Mass Spectrometry Instrument

II.1.2) Main CPV code

• 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

The instrument must provide 480,000 mass resolving power, 5000:1, scan rates up to 40 Hz and rapid polarity switching

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: £800,000

II.2) Description

II.2.3) Place of performance

NUTS codes

UK - United Kingdom

II.2.4) Description of the procurement

Our large-scale instrument development mass spectrometry imaging (MSI) studies require high mass accuracy (400,000) and the ability to couple to a range of third party and homebuilt atmospheric pressure developmental ion sources. These home-built ion sources were developed for coupling to a Thermo Orbitrap Elite instrument. This package must also have a small footprint, preferably benchtop, profile to fit into our laboratory space. Currently, of commercially available MSI instruments, the Thermo Orbitrap Exploris 480 is the only instrument to fulfil these requirements completely.

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

Award of a contract without prior publication of a call for competition in the cases listed below

The procurement falls outside the scope of application of the regulations

Explanation:

The Thermo Orbitrap Exploris 480 is the only commercially available mass spectrometry instrument providing the following required combination of characteristics:

Scan rates up to 40 Hz

- Benchtop, small footprint instrument.
- Compatibility with third party MALDI MSI and LESA ion sources and our existing homebuilt atmospheric pressure ion sources.
- The mass spectrometer is a high-resolution FT system.
- Achievable mass resolution must be greater than 400,000 FWHM at m/z 200 for all scan modes and both polarities.

A copy of the Regulatory Compliance documentation (CE or UKCA Declaration of Conformity) certificate must be provided with the instrument, which will be reviewing by NPL's regulatory compliance expert upon receipt.

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

Title

High Mass Resolving Power, High Mass Accuracy, Benchtop Mass Spectrometry Instrument

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

2 June 2023

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

Thermo Fisher

Stafford House, Boundary Way

Hemel Hempstead
HP2 7GE
Country
United Kingdom
NUTS code
UK - United Kingdom
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: £800,000
V.2.5) Information about subcontracting
The contract/lot/concession is likely to be subcontracted
Section VI. Complementary information
Section VI. Complementary information VI.4) Procedures for review
VI.4) Procedures for review
VI.4) Procedures for review VI.4.1) Review body
VI.4) Procedures for review VI.4.1) Review body NPL Management Ltd
VI.4) Procedures for review VI.4.1) Review body NPL Management Ltd Hampton Road
VI.4) Procedures for review VI.4.1) Review body NPL Management Ltd Hampton Road Teddington