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**United Kingdom-Birmingham: Spectrometers
2018/S 115-261607**

Voluntary ex ante transparency notice

Supplies

Directive 2014/24/EU

Section I: Contracting authority/entity

I.1) Name and addresses

University of Birmingham
Edgbaston
Birmingham
B15 2TT
United Kingdom
Contact person: Peter Nobbs
Telephone: +44 1214144524
E-mail: p.k.g.nobbs@bham.ac.uk
NUTS code: UKG31

Internet address(es):

Main address: <http://www.birmingham.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:

Ultra-high field 1,0 GHz nuclear magnetic resonance (NMR) spectrometer
Reference number: SC6400/18

II.1.2) Main CPV code

38433000

II.1.3) Type of contract

Supplies

II.1.4) Short description:

The University of Birmingham has been awarded RC-UK funds as part of an EPSRC-led UK-wide NMR Infrastructure call to purchase an ultra-high field 1 GHz nuclear magnetic resonance (NMR) spectrometer for the Henry Wellcome Building for Biomolecular NMR Spectroscopy (HWB-NMR) and for the greater benefit of the UK life-sciences oriented NMR community. Currently the highest magnetic field available for NMR, this state-of-the-art equipment will allow local PIs, collaborators and external users to remain at the forefront of international research, in terms of scientific applications, methodological development and the recruitment and training of graduate students and young researchers, fulfilling RC-UK's overarching strategy to support excellence in UK

science. This additional ultra-high field capability will provide a unique enabling technology, supporting a wide range of science with far-reaching impact.

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: 7 442 216.00 EUR

II.2) **Description**

II.2.1) **Title:**

II.2.2) **Additional CPV code(s)**

II.2.3) **Place of performance**

NUTS code: UKG31

Main site or place of performance:

University of Birmingham.

The College of Medical and Dental Sciences, Henry Wellcome Building for Biomolecular NMR Spectroscopy (HWB-NMR).

II.2.4) **Description of the procurement:**

The University of Birmingham has been awarded RC-UK funds as part of an EPSRC-led UK-wide NMR Infrastructure call to purchase an ultra-high field 1 GHz nuclear magnetic resonance (NMR) spectrometer for the Henry Wellcome Building for Biomolecular NMR Spectroscopy (HWB-NMR) and for the greater benefit of the UK life-sciences oriented NMR community. Currently the highest magnetic field available for NMR, this state-of-the-art equipment will allow local PIs, collaborators and external users to remain at the forefront of international research, in terms of scientific applications, methodological development and the recruitment and training of graduate students and young researchers, fulfilling RC-UK's overarching strategy to support excellence in UK science. This additional ultra-high field capability will provide a unique enabling technology, supporting a wide range of science with far-reaching impact.

Spectacular progress has been made over the last decade in isolating the macromolecular complexes that are fundamental to nearly every cellular process. NMR spectroscopy is a uniquely powerful method for studying the structured, dynamic, partially structured and intrinsically disordered states of these macromolecular complexes, at near physiological conditions in atomic detail, and permits their changes to be followed on biologically relevant time-scales, resulting in crucial mechanistic understanding of their functions. This capability allows both stable and transient complex biomolecular interactions to be explained in the unprecedented detail necessary for understanding living processes.

The equipment to be procured comprises a superconducting magnet operating at 1 GHz magnetic field, a spectrometer console capable of transmitting and receiving radiofrequency of > 1 GHz, associated cryogenically-cooled probes for measurement of samples in 5 mm tubes as well as for samples at low volume (35 uL), and a fully temperature-controlled sample changer to fit a 1 GHz magnet to enable high sample through-put.

II.2.5) **Award criteria**

Quality criterion - Name: Compatibility to equipment / Weighting: 50

Price - Weighting: 50

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**

Award of a contract without prior publication of a call for competition in the Official Journal of the European Union in the cases listed below

- The procurement falls outside the scope of application of the directive

Explanation:

The RC-UK funds awarded to the University of Birmingham for the purchase of a 1 GHz NMR spectrometer form part of an overarching package of awards (total 20 000 000 GBP) made to several UK institutions for the upgrade of existing high-field NMR equipment (800-950 MHz) and the purchase of new and unique ultra-high field NMR capability for the UK (>950 MHz). The 1 GHz magnet and spectrometer awarded to Birmingham (one of 2,1 GHz systems funded), along with the required accessories, can only be supplied by one manufacturer in the world (Bruker), and so EPSRC has already pre-negotiated procurement of all the equipment — as a single package — with Bruker.

IV.1.3) **Information about framework agreement**

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**

Section V: Award of contract/concession

Contract No: SC6400/18

Title:

Ultra-high field 1 GHz nuclear magnetic resonance (NMR) spectrometer

V.2) **Award of contract/concession**

V.2.1) **Date of contract award decision:**

14/06/2018

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 Limited

Banner Lane

Coventry

CV4 9GH

United Kingdom

E-mail: sales.uk@bruker.com

NUTS code: UKG33

The contractor/concessionaire will be an SME: no

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

Total value of the contract/lot/concession: 7 442 216.00 EUR

V.2.5) **Information about subcontracting**

Section VI: Complementary information

VI.3) **Additional information:**

VI.4) **Procedures for review**

VI.4.1) **Review body**

The University of Birmingham
Birmingham
United Kingdom

VI.4.2) **Body responsible for mediation procedures**

VI.4.3) **Review procedure**

VI.4.4) **Service from which information about the review procedure may be obtained**

VI.5) **Date of dispatch of this notice:**

15/06/2018