This is a published notice on the Find a Tender service: https://www.find-tender.service.gov.uk/Notice/011662-2024

Contract

Variable Field NMR Spectrometer

National Physical Laboratory

F03: Contract award notice
Notice identifier: 2024/S 000-011662
Procurement identifier (OCID): ocds-h6vhtk-041998
Published 10 April 2024, 3:10pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

gary.phillips@npl.co.uk

Telephone

+44 2089773222

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

Variable Field NMR Spectrometer

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 National Physical Laboratory [NPL] requirement is for a Variable Field Nuclear Magnetic Resonance (NMR) spectrometer for the measurement of T1, T2, T2*, apparent diffusion coefficient, and proton density fat fraction in the liquid state. The purpose is to enable traceable, high-precision measurements of these measurands, to allow for the development of metrological standards for Magnetic Resonance Imaging (MRI). The ITT is separated into two components; the Instrument, and the Facility. We welcome tenders for either or both.

The Instrument should comprise an NMR Spectrometer, with all associated componentry (e.g., the magnet, console, probe(s), temperature control system, shims, and workstation). This should be a fully programmable spectrometer, with the capability to measure the NMR spectra of chosen samples using appropriate pulse sequences and export the resulting data to an appropriate data storage or archival facility. The magnetic field should be variable, with the ability to change the field on a monthly basis. The magnetic field should be able to reach clinically relevant MRI fields (e.g., 1.5, 2.9, 3.0, 5.0, 7.0 T), and have the capability for lower field strengths down to 0.1 T or lower. The spectrometer should be compatible with the existing equivalent facility at NIST Boulder.

II.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Lowest offer: 1,000,000 USD / Highest offer: 1,230,689 USD taken into consideration

II.2) Description

II.2.1) Title

The National Physical Laboratory [NPL] requirement is for a Variable Field Nuclear Magnetic Resonance (NMR) spectrometer for the measurement of T1, T2, T2*, apparent diffusion coefficient, and proton

Lot No

1

II.2.2) Additional CPV code(s)

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

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Variable Field NMR Spectrometer

II.2.5) Award criteria

Price

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

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: 2023/S 000-033605

Section V. Award of contract

Lot No

1

Title

Variable Field NMR Spectrometer Lot 1 - Instrument

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

10 April 2024

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 2

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

V.2.3) Name and address of the contractor

Deerfield Imaging, Inc - Superconducting Systems (IMRIS)

1230 Chaska Creek Way, Suite100, Chaska MN

Chaska

55318

Country

United States

NUTS code

- US - United States

The contractor is an SME

No

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

Total value of the contract/lot: 1,000,000 USD

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

NPL Management Limited

Hampton Road

Teddington

TW11 0LW

Country

United Kingdom