

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/028512-2023>

Contract

Optical Microscope Cryostat

National Physical Laboratory

F03: Contract award notice

Notice identifier: 2023/S 000-028512

Procurement identifier (OCID): ocds-h6vhtk-03bc71

Published 27 September 2023, 1:39pm

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**

Optical Microscope Cryostat

Reference number

123407

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) is the UK's National Measurement Institute and is a world-leading centre of excellence in developing and applying the most accurate measurement standards, science, and technology available.

The NPL Quantum Materials team provides and conducts state-of-the-art measurement services and research across diverse fields of materials science, which involves the test and evaluation of structural, electronic, and optical properties of materials and associated devices.

We are extending our capability for delivering world-class metrology and research, and as part of this growth, the NPL requirement is for an optical cryostat for Raman and photoluminescence (PL) spectroscopy and microscopy at low temperature and high magnetic field.

The purpose is to provide a rich display of external stimuli and perturbations for hyperspectral, correlative, and quantitative Raman and photoluminescence microscopy via the low temperature and high magnetic field capabilities, for the manipulation and study of materials both from a fundamental and applied perspective. This means a significant expansion of the control over the combined parameter space (temperature – magnetic field – electric field – wavelength) for quantum electronic and optoelectronic material metrology.

II.1.6) Information about lots

This contract is divided into lots: No

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

Lowest offer: £339,000 / Highest offer: £339,000 taken into consideration

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The National Physical Laboratory (NPL) is the UK's National Measurement Institute and is a world-leading centre of excellence in developing and applying the most accurate measurement standards, science, and technology available.

The NPL Quantum Materials team provides and conducts state-of-the-art measurement services and research across diverse fields of materials science, which involves the test and evaluation of structural, electronic, and optical properties of materials and associated devices.

We are extending our capability for delivering world-class metrology and research, and as part of this growth, the NPL requirement is for an optical cryostat for Raman and photoluminescence (PL) spectroscopy and microscopy at low temperature and high magnetic field.

The purpose is to provide a rich display of external stimuli and perturbations for hyperspectral, correlative, and quantitative Raman and photoluminescence microscopy via the low temperature and high magnetic field capabilities, for the manipulation and study of materials both from a fundamental and applied perspective. This means a significant expansion of the control over the combined parameter space (temperature – magnetic field – electric field – wavelength) for quantum electronic and optoelectronic material metrology.

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 000-009815](#)

Section V. Award of contract

Contract No

123407

Title

Optical Microscope Cryostat

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

18 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

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: 1

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

V.2.3) Name and address of the contractor

Quantum Design UK & Ireland Limited

1 Mole Business Park

Leatherhead

KT22 7BA

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

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

Total value of the contract/lot: £339,000

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

gary.phillips@npl.co.uk

Country

United Kingdom