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Contract

CAN - Optical Frequency Comb

National Physical Laboratory

F03: Contract award notice

Notice identifier: 2023/S 000-002255

Procurement identifier (OCID): ocids-h6vhtk-0365f8

Published 25 January 2023, 10:26am

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Contact

Nina Heath

Email

nina.heath@npl.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<http://www.npl.co.uk>

Buyer's address

<http://www.npl.co.uk>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Scientific Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

CAN - Optical Frequency Comb

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

Contract Award Notice for the Procurement of Optical Frequency Comb.

The frequency comb will be part of future national test and evaluation facilities and services being set up at NPL Scotland as part of the UK quantum technologies programme's regional activities, supporting a variety of Scottish industrial and academic partners. For this reason, the comb must be flexible and simple to operate independently and quasi-continuously (24/7 for several weeks per year to enable extended measurement campaigns) with minimal downtime for maintenance.

The setup needs to work in tandem with ultrastable laser systems, optical frequency standards and future fibre networking capability to support a UK-wide fibre infrastructure and so must be compatible with these technologies.

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: £346,150

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

Scotland, UK

II.2.4) Description of the procurement

The frequency comb will be part of future national test and evaluation facilities and services being set up at NPL Scotland as part of the UK quantum technologies programme's regional activities, supporting a variety of Scottish industrial and academic partners. For this reason, the comb must be flexible and simple to operate independently and quasi-continuously (24/7 for several weeks per year to enable extended measurement campaigns) with minimal downtime for maintenance.

The setup needs to work in tandem with ultrastable laser systems, optical frequency standards and future fibre networking capability to support a UK-wide fibre infrastructure and so must be compatible with these technologies.

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 80%

Price - Weighting: 20%

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: [2022/S 000-024861](#)

Section V. Award of contract

Title

Optical Frequency Comb

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

24 January 2023

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 2

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

Menlo Systems GmbH

Am Klopferspitz 19a, Martinsried, Bayern, 82152, Germany

Martinsried

82152

Country

Germany

NUTS code

- DE - Germany

The contractor is an SME

Yes

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

Total value of the contract/lot: £346,150

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Telephone

+44 2089773222

Country

United Kingdom