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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): ocds-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](mailto:nina.heath@npl.co.uk)

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.npl.co.uk](http://www.npl.co.uk)

Buyer's address

[www.npl.co.uk](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

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## **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

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## **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](#)

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## **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

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## **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