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Tender

ITT: Procurement of Optical Frequency Comb

National Physical Laboratory

F02: Contract notice

Notice identifier: 2022/S 000-024861

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

Published 5 September 2022, 5:04pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

nina.heath@npl.co.uk

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

www.npl.co.uk

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://lupc.bravosolution.co.uk/web/login.shtml>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://lupc.bravosolution.co.uk/web/login.shtml>

Tenders or requests to participate must be submitted to the above-mentioned address

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

ITT: Procurement of Optical Frequency Comb

Reference number

127453

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 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. A full and detailed specification of our requirements for the frequency comb is provided as outlined in the ITT documents.

Requirement is for one Optical Frequency Comb.

II.1.5) Estimated total value

Value excluding VAT: £340,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description**II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

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. A full and detailed specification of our requirements for the frequency comb is provided as outlined in the ITT documents.

Requirement is for one Optical Frequency Comb.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £340,000

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Start date

25 November 2022

End date

31 May 2023

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

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.2.2) Time limit for receipt of tenders or requests to participate

Date

21 October 2022

Local time

5:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

21 October 2022

Local time

5:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

NPL Management Ltd

Hampton Road

Teddington

TW11 0LW

Country

United Kingdom