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Contract

500000

National Physical Laboratory

F03: Contract award notice

Notice identifier: 2022/S 000-034506

Procurement identifier (OCID): ocds-h6vhtk-0371aa

Published 6 December 2022, 2:44pm

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Contact

Gary Phillips

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

Buyer's address

www.npl.co.uk

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

500000

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 to capture high-speed electrical waveforms using a real-time oscilloscope operating over 200 GSa/s. We will use the oscilloscope for 6G R&D activities for future networks. The data will be captured and stored in the memory of the oscilloscope for offline data signal processing. The oscilloscope must have an analog bandwidth of least 70 GHz and an effective number of bits (ENOB) of at least five at 70 GHz. The number of channels on the oscilloscope will be four. The quotation should include the analysis software from the manufacturer. We will also require a compatible optical to electrical converter > 50 GHz with the real-time oscilloscope.

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: £509,623.91

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

Main site or place of performance

London

II.2.4) Description of the procurement

The National Physical Laboratory [NPL] requirement is to capture high-speed electrical waveforms using a real-time oscilloscope operating over 200 GSa/s. We will use the oscilloscope for 6G R&D activities for future networks. The data will be captured and stored in the memory of the oscilloscope for offline data signal processing. The oscilloscope must have an analog bandwidth of least 70 GHz and an effective number of bits (ENOB) of at least five at 70 GHz. The number of channels on the oscilloscope will be four. The quotation should include the analysis software from the manufacturer. We will also require a compatible optical to electrical converter > 50 GHz with the real-time oscilloscope.

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 60%

Price - Weighting: 40%

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 000-027437](#)

Section V. Award of contract

Title

Real-time Oscilloscope

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

1 December 2022

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

Keysight Technologies UK Limited

610 Wharfedale Road, Winnersh Triangle, Wokingham, Berkshire, RG41 5TP

Wokingham

RG41 5TP

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: £509,623.91

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