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Tender

ITT - Real Time Oscilloscope

National Physical Laboratory

F02: Contract notice

Notice identifier: 2022/S 000-027437

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

Published 30 September 2022, 10:47am

Section I: Contracting authority

I.1) Name and addresses

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

Email

gary.phillips@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 - Real Time Oscilloscope

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.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] 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

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

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

End date

1 December 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: No

IV.2) Administrative information

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

Date

31 October 2022

Local time

3:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

31 October 2022

Local time

3:00pm

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