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Tender

UKRI-2988 Vector Network Analyser - For the Superconducting Circuit Team

UK Research & Innovation

F02: Contract notice

Notice identifier: 2023/S 000-008164

Procurement identifier (OCID): ocds-h6vhtk-03b4bb

Published 21 March 2023, 2:05pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

<https://www.ukri.org/>, North Star Avenue

Swindon

SN2 1FL

Contact

Elizabeth Gage

Email

Elizabeth.Gage@ukri.org

Telephone

+44 7563420665

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

<https://www.ukri.org/>

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.3) Communication

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

<https://ukri.delta-esourcing.com/>

Additional information can be obtained from the above-mentioned address

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

UKRI-2988 Vector Network Analyser - For the Superconducting Circuit Team

Reference number

UKRI-2988

II.1.2) Main CPV code

- 38434000 - Analysers

II.1.3) Type of contract

Supplies

II.1.4) Short description

The UK's National Quantum Computing Centre aims at building quantum computers which will be made available to end users. Among others, one of the hardware platforms we are developing is based on Superconducting (SC) quantum bits (qubits), which form part of a superconducting quantum state circuit. Superconducting circuits are macroscopic in size and individually form a quantum state, but have quantum properties based upon quantized energy levels, superposition of states, and quantum entanglement, all of which are more commonly associated with atoms.

II.1.5) Estimated total value

Value excluding VAT: £440,000

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

Main site or place of performance

UNITED KINGDOM

II.2.4) Description of the procurement

The National Quantum Computing Centre seeks to enhance the UK's global leadership in quantum computing, to help translate UK research strengths into innovation, and enable the creation of the first generation of quantum computers, helping to build a resilient future economy.

The NQCC is the first UKRI Centre funded directly by UKRI, and is dedicated to accelerating the development of quantum computing by addressing the challenges of scaling – technological and user adoption. The NQCC delivers quantum computing for the UK National Quantum Technologies Programme (NQTP), which has already established the UK as a quantum technology global leader. Through its combined £1bn of public and private sector investment over 10 years (2014-2024), the programme will develop and deliver quantum technologies across the areas of sensing, timing, imaging, communications and computing.

The NQCC is pursuing two primary platforms of quantum computing, one based on superconductors and one based on trapped ions, as these are currently the most mature.

This tender will involve the purchase of at least two and up to four Vector Network Analysers (VNAs) for the NQCC.

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: £440,000

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

Duration in months

36

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

4 May 2023

Local time

2:00pm

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

English

IV.2.7) Conditions for opening of tenders

Date

4 May 2023

Local time

3:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.2) Information about electronic workflows

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Analysers./ZB574BP575>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/ZB574BP575>

GO Reference: GO-2023321-PRO-22361917

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Country

United Kingdom