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Tender

NQCC Strontium Quadrupole Cavities

UK Research & Innovation

F02: Contract notice
Notice identifier: 2023/S 000-028172
Procurement identifier (OCID): ocds-h6vhtk-040350
Published 25 September 2023, 12:06pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

UK Research & Innovation, Polaris House

Swindon

SN2 1FL

Contact

Solomon Nwosu

Email

Solomon.Nwosu@ukri.org

Telephone

+44 7394204018

Country

United Kingdom

Region code

UKK14 - Swindon

Internet address(es)

Main address

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

NQCC Strontium Quadrupole Cavities

Reference number

UKRI-3372

II.1.2) Main CPV code

- 14772000 - Strontium

II.1.3) Type of contract

Supplies

II.1.4) Short description

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 seeks for two lots of 674 nm cavities for strontium ions. Each lot must include a cavity, vacuum housing, temperature control, and be shipped pre-aligned with fibre-coupling assemblies apart by 100 mm to 300 mm.

II.1.5) Estimated total value

Value excluding VAT: £135,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

II.2.4) Description of the procurement

The NQCC's initial focus has been on two platforms of quantum computing, one based on superconductors and one based on trapped ions. This were chosen based on technological maturity and UK strength. The NQCC continues to investigate other potential hardware modalities in detail. The centre will be headquartered in a purpose-built facility at the Science and Technology Facilities Council (STFC)'s Rutherford Appleton Laboratory Campus in Oxfordshire. The centre is due for completion in 2023. Ahead of the completion of the centre, a temporary lab facilities in existing STFC building have been used to fast track development. The required wavelength measurement systems will be used in both these temporary laboratories and in the NQCC lab spaces.

This procurement is for two lots of 674 nm cavities for strontium ions. Each lot must include a cavity, vacuum housing, temperature control, and be shipped pre-aligned with fibre-coupling assemblies, further detailed requirements are listed within the Specification.

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: £135,000

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

Duration in months

5

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

1 November 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

1 November 2023

Local time

3:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

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

https://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Strontium./Y8BC325Y48

To respond to this opportunity, please click here:

https://ukri.delta-esourcing.com/respond/Y8BC325Y48

GO Reference: GO-2023925-PRO-24039441

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

Polaris House, North Star Avenue, Swindon

Swindon

SN2 1FL

Country

United Kingdom