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Contract

UKRI-3372 NQCC Strontium Quadrupole Cavities

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2024/S 000-000084

Procurement identifier (OCID): ocids-h6vhtk-040350

Published 3 January 2024, 10:06am

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.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-3372 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.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £115,602

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

Quality criterion - Name: Quality / Weighting: 60

Cost criterion - Name: 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

II.2.14) Additional information

The term and conditions relating to this purchase are provided in the Contract, which matches the Contract number cited in the narrative to this Purchase Order and are specific to this Contract. Where the Contract number is not so cited, then our standard terms and conditions will apply which are available at

:-<https://www.ukpbs.co.uk/services/procure/Documents/UKRIPOTCs.pdf>

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: [2023/S 000-028172](#)

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

5 December 2023

V.2.2) Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Stable Laser Systems Inc

4946 63rd Street, Suite B

Boulder

80301

Telephone

+1 3035420427

Country

United States

NUTS code

- US - United States

National registration number

NA

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Initial estimated total value of the contract/lot: £135,000

Total value of the contract/lot: £115,602

Section VI. Complementary information

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.

To view this notice, please click here:

<https://ukri.delta-sourcing.com/delta/viewNotice.html?noticeId=831970122>

GO Reference: GO-202413-PRO-24877916

VI.4) Procedures for review

VI.4.1) Review body

UK Research and Innovation

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SN2 1FL

Country

United Kingdom