

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/034155-2023>

Contract

UKRI-3259 NQCC Strontium Ion Laser Suite

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2023/S 000-034155

Procurement identifier (OCID): ocds-h6vhtk-03f6ef

Published 17 November 2023, 4:05pm

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.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-3259 NQCC Strontium Ion Laser Suite

Reference number

UKRI-3259

II.1.2) Main CPV code

- 38636100 - Lasers

II.1.3) Type of contract

Supplies

II.1.4) Short description

Part of the National Quantum Computing Centre's core strategy is the design and development of quantum computing hardware. One of the hardware platforms we are developing is based on trapped ions. In ion trap quantum computing, multiple lasers are required to interact with the internal states of a single and multiple ions. Strontium is one of the most widely employed atomic species in trapped ion experiments. To this end, the NQCC requires two laser suites to provide the laser light required for strontium hardware platforms.

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: £640,810

II.2) Description

II.2.2) Additional CPV code(s)

- 42610000 - Machine tools operated by laser and machining centres

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

This procurement is for two lots of strontium ion laser systems to be delivered to the NQCC. Each system must be a rack containing 8 lasers along with all control and frequency locking electronics – requirement for each laser are listed in Section 5. All cabling (including power, networking, and control) should be included in the rack. This agreement will be in place for a period of 9 months from when the order is placed.

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.uksbs.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 000-025064](#)

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

10 November 2023

V.2.2) Information about tenders

Number of tenders received: 2

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

V.2.3) Name and address of the contractor

TOPTICA Photonics AG

Lochhamer Schlag 19, Graefelfing

Munich

D 82166

Telephone

+49 089858370

Country

Germany

NUTS code

- DE212 - München, Kreisfreie Stadt

National registration number

N/A

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: £800,000

Total value of the contract/lot: £640,810

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-esourcing.com/delta/viewNotice.html?noticeId=824382210>

GO Reference: GO-20231117-PRO-24453745

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