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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](mailto: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

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## **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>

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## **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](#)

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## **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

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## **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.

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<https://ukri.delta-sourcing.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