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Contract

## **3993/JN/23 - Closed-Cycle Cryostat System (2 Lots)**

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2024/S 000-009517

Procurement identifier (OCID): ocds-h6vhtk-0428cc

Published 25 March 2024, 9:02am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

#### **Contact**

James Noble

#### **Email**

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKE32 - Sheffield

**Companies House**

RC000667

**Internet address(es)**

Main address

<https://in-tendhost.co.uk/sheffield>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

3993/JN/23 - Closed-Cycle Cryostat System (2 Lots)

Reference number

3993/JN/23

#### **II.1.2) Main CPV code**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The University of Sheffield's department of Physics and Astronomy are looking to procure 2 types of closed-cycle cryostat systems for optical spectroscopy of semiconductor quantum dots (QDs):

Lot 1 - Optical Table Cryostat for Photoluminescence Imaging

Lot 2 - Standalone Optical Cryostat for Long Duration Measurements

The University of Sheffield is not a contracting authority for the purposes of the Public Contracts Regulations 2015 (Directive 2014/24/EU) as amended by the Public Procurement (Amendment) (EU Exit) Regulations 2020. The University is, on a voluntary basis, operating under the Public Contracts Regulations (as defined above) for this procurement case and is therefore advertising this opportunity in Finder a Tender with an obligation to comply with these regulations. By doing so, it does not

become a contracting authority and there is no implied obligation to comply with procurement legislation for other procurement cases.

#### **II.1.6) Information about lots**

This contract is divided into lots: Yes

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

Value excluding VAT: £457,748.82

## **II.2) Description**

### **II.2.1) Title**

Optical Table Cryostat for Photoluminescence Imaging

Lot No

1

### **II.2.2) Additional CPV code(s)**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

### **II.2.3) Place of performance**

NUTS codes

- UKE32 - Sheffield

### **II.2.4) Description of the procurement**

A closed-cycle cryostat system is required for optical spectroscopy of semiconductor quantum dots (QDs). The principal uses will be for micro-photoluminescence and photoluminescence imaging from self- assembled InGaAs QDs in the Department of Physics and Astronomy.

### **II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 80

Price - Weighting: 20

### **II.2.11) Information about options**

Options: No

## **II.2) Description**

### **II.2.1) Title**

Standalone Optical Cryostat for Long Duration Measurements

Lot No

2

**II.2.2) Additional CPV code(s)**

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

**II.2.3) Place of performance**

NUTS codes

- UKE32 - Sheffield

**II.2.4) Description of the procurement**

Up to 2 closed-cycle cryostat systems are required for optical spectroscopy of semiconductor quantum dots (QDs). The principal use will be for micro-photoluminescence measurements of self- assembled InGaAs QDs in the Department of Physics and Astronomy, in particular long-duration measurements under resonant laser excitation that require very high stability and low vibration.

**II.2.5) Award criteria**

Quality criterion - Name: Quality / Weighting: 80

Price - Weighting: 20

**II.2.11) Information about options**

Options: No

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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 000-037517](#)

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## **Section V. Award of contract**

### **Contract No**

3993/JN/23

### **Lot No**

1

### **Title**

Optical Table Cryostat for Photoluminescence Imaging

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

5 March 2024

#### **V.2.2) Information about tenders**

Number of tenders received: 3

Number of tenders received from SMEs: 2

Number of tenders received by electronic means: 3

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

**V.2.3) Name and address of the contractor**

Quantum Design UK and Ireland Ltd

1 Mole Business Park

Leatherhead

KT22 7BA

Country

United Kingdom

NUTS code

- UKJ2 - Surrey, East and West Sussex

Companies House

01259082

The contractor is an SME

Yes

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

Total value of the contract/lot: £130,600

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## **Section V. Award of contract**

### **Contract No**

3993/JN/23

### **Lot No**

2

### **Title**

Standalone Optical Cryostat for Long Duration Measurements

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

18 March 2024

#### **V.2.2) Information about tenders**

Number of tenders received: 2

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 2

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

#### **V.2.3) Name and address of the contractor**

Attocube systems AG

Eglfinger Weg 2

Haar

85540

Country



Germany

NUTS code

- DE - Germany

Companies House

HRB138094

The contractor is an SME

No

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

Total value of the contract/lot: £327,148.82

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

University of Sheffield

Sheffield

S10 2TN

Country

United Kingdom