

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/037517-2023>

Tender

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

UNIVERSITY OF SHEFFIELD

F02: Contract notice

Notice identifier: 2023/S 000-037517

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

Published 20 December 2023, 3:23pm

### **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.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

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

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

Body governed by public law

**I.5) Main activity**

Education

---

## **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.1.5) Estimated total value**

Value excluding VAT: £450,000

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

This contract is divided into lots: Yes

Tenders may be submitted for all lots

## **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**

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: £140,000

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

Start date

4 March 2024

End date

5 March 2024

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **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**

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: £310,000

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

Start date

4 March 2024

End date

5 March 2024

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: Yes

**II.2.11) Information about options**

Options: No

---

**Section III. Legal, economic, financial and technical information**

**III.1) Conditions for participation**

**III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

**III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

---

## **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

25 January 2024

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 3 (from the date stated for receipt of tender)

#### **IV.2.7) Conditions for opening of tenders**

Date

25 January 2024

Local time

12:01pm

## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

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

University of Sheffield

Sheffield

S10 2TN

Email

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

Country

United Kingdom