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Tender

## **4265/DM/24 - Image intensified CCD Camera system plus UV optics**

UNIVERSITY OF SHEFFIELD

F02: Contract notice

Notice identifier: 2024/S 000-032904

Procurement identifier (OCID): ocds-h6vhtk-04ab96

Published 11 October 2024, 7:23pm

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

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

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

#### **Contact**

David Middle

#### **Email**

[dave.middle@sheffield.ac.uk](mailto:dave.middle@sheffield.ac.uk)

#### **Telephone**

+44 1142221560

**Country**

United Kingdom

**Region code**

UKE32 - Sheffield

**Charity Commission (England and Wales)**

X1089

**Internet address(es)**

Main address

<https://www.sheffield.ac.uk>

Buyer's address

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

**I.3) Communication**

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

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

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.aspx/Home>

**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**

4265/DM/24 - Image intensified CCD Camera system plus UV optics

Reference number

4265/DM/24

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

- 38600000 - Optical instruments

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

Supplies

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

A Nd:YAG pumped dye laser system is required. Its main use will be in combustion diagnostics studies of turbulent spray flames using the technique of planar laser induced fluorescence (PLIF) from 225 nm and above, to observe several chemical species, for example for NO, OH, CH<sub>2</sub>O.

A low noise scientific camera for example sCMOS, and/or an intensified camera, and UV camera lens are desirable as part of the detection system. The detection system is required to be suitable for quantitative planar laser induced fluorescence imaging studies from 225 nm and above.

The requirement above will be split into 2 distinct lots, within the tender.

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

Value excluding VAT: £150,700

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

This contract is divided into lots: Yes

Tenders may be submitted for all lots

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

This tender is comprised of two distinct lots, with Lot 2 being only desirable at this stage. Therefore, we reserve the right to not award Lot 2, if no suitable offers are received or, our budget prevents us from proceeding. You may wish to respond to one or both lots,

## **II.2) Description**

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

Lot 1 - Pulsed Laser +

Lot No

Lot 2 - CMOS Camera +

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

- 38636000 - Specialist optical instruments
- 38651000 - Cameras

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

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

The University of Sheffield

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

A Nd:YAG pumped dye laser system is required. Its main use will be in combustion diagnostics studies of turbulent spray flames using the technique of planar laser induced fluorescence (PLIF) from 225 nm and above, to observe several chemical species, for example for NO, OH, CH<sub>2</sub>O.

A low noise scientific camera for example sCMOS, and/or an intensified camera, and UV

camera lens are desirable as part of the detection system. The detection system is required to be suitable for quantitative planar laser induced fluorescence imaging studies from 225 nm and above.

### **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: £76,700

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

Start date

1 January 2025

End date

31 March 2025

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: Yes

Description of options

As described within the tender documents

## **II.2) Description**

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

Lot 2 - CMOS Camera +

Lot No

2

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

- 38600000 - Optical instruments

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

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

The University of Sheffield

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

See description provided for Lot 1. Further details are available within the tender document

### **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: £74,000

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

Start date

1 January 2025

End date

31 March 2025

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: Yes

Description of options

As described within the tender documents

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### **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

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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.2.2) Time limit for receipt of tenders or requests to participate**

Date

8 November 2024

Local time

5:00pm

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

English

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

Date

12 November 2024

Local time

12:00pm

Place

The Finance Department at the University of Sheffield



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## **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**

The University of Sheffield

Sheffield

S10 2TN

Country

United Kingdom