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Tender

## **Procurement of a 1 UV Laser Writer for Maskless Lithography**

University of Bristol

F02: Contract notice

Notice identifier: 2024/S 000-013034

Procurement identifier (OCID): ocids-h6vhtk-045432

Published 22 April 2024, 4:43pm

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

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

University of Bristol

4th Floor, Augustine's Courtyard, Orchard Lane

Bristol

BS1 5DS

#### **Email**

[yi19222@bristol.ac.uk](mailto:yi19222@bristol.ac.uk)

#### **Telephone**

+44 01179289000

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.bristol.ac.uk](http://www.bristol.ac.uk)

**I.3) Communication**

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

<https://tenders.bris.ac.uk/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://tenders.bris.ac.uk/>

Tenders or requests to participate must be submitted to the above-mentioned address

**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**

Procurement of a 1 UV Laser Writer for Maskless Lithography

Reference number

Lab-2402-077-PC\_2881

**II.1.2) Main CPV code**

- 31600000 - Electrical equipment and apparatus

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

The Center for Device Thermography and Reliability is a research group within the Faculty of Science and Engineering at the University of Bristol. It is one of the UK's leading groups in the research fields of power electronics and associated materials research, helping progress towards the improvement of charging technologies and associated net-zero carbon goals. Recent investment in the form of major new grants has provided an opportunity to procure new equipment to help deliver the goals of these projects, with part of this enabling greater use of semiconductor device manufacturing within the University of Bristol Cleanroom.

The required equipment is a single UV laser writer, with associated hardware and software for operation, to enable the computer-controlled exposure of wafers, photomask blanks and sample pieces coated in photoresist.

The machine is intended to provide a means to rapid prototype semiconductor devices fabricated on a variety of substrate materials including compound semiconductors, silicon and glass. The system will be required to pattern surfaces down to sub-micron resolution.

**II.1.5) Estimated total value**

Value excluding VAT: £206,000

**II.1.6) Information about lots**

This contract is divided into lots: No

**II.2) Description****II.2.2) Additional CPV code(s)**

- 31700000 - Electronic, electromechanical and electrotechnical supplies
- 38600000 - Optical instruments

**II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

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

The required equipment is a single UV laser writer, with associated hardware and software for operation, to enable the computer-controlled exposure of wafers, photomask blanks and sample pieces coated in photoresist.

The machine is intended to provide a means to rapid prototype semiconductor devices fabricated on a variety of substrate materials including compound semiconductors, silicon and glass. The system will be required to pattern surfaces down to sub-micron resolution.

#### **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: £206,000

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

Duration in months

21

This contract is subject to renewal

No

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

Variants will be accepted: No

#### **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

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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

23 May 2024

Local time

1:00pm

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

English

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

Date

23 May 2024

Local time

1:00pm

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

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

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

Royal Courts of Justice

The Strand

London

Country

United Kingdom