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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): ocds-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

Telephone

+44 01179289000

Country

United Kingdom

Region code

UK - United Kingdom

Internet address(es)

Main address

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

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

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

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