This is a published notice on the Find a Tender service: https://www.find-tender.service.gov.uk/Notice/020332-2022

Tender

Amplified Ultrafast Laser System for Scientific Research

University of Bristol

F02: Contract notice
Notice identifier: 2022/S 000-020332
Procurement identifier (OCID): ocds-h6vhtk-03475d
Published 26 July 2022, 2:56pm

Section I: Contracting authority

I.1) Name and addresses

University of Bristol

4th Floor, Augustine's Courtyard, Orchard Lane

Bristol

BS1 5DS

Email

helen.warren@bristol.ac.uk

Telephone

+44 01179289000

Country

United Kingdom

NUTS code

UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

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

Amplified Ultrafast Laser System for Scientific Research

Reference number

Lab-2206-135-PC_2273

II.1.2) Main CPV code

- 38636100 - Lasers

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University of Bristol School of Chemistry is looking to procure an amplified ultrafast laser system for use in studies of photochemical dynamics.

The laser should consist of an ultrafast oscillator and an amplifier, in a one-box design for optimum stability of operation in our laboratory. Sufficient power output is required to pump two existing optical parametric amplifiers (OPAs), operating with 800-nm pump wavelengths, to generate ultraviolet and mid-infrared laser beams at a laser pulse repetition rate of 1 kHz.

II.1.5) Estimated total value

Value excluding VAT: £268,400

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKK11 - Bristol, City of

Main site or place of performance

School of Chemistry,

University of Bristol,

Cantock's Close,

Bristol BS8 1TS,

UK

II.2.4) Description of the procurement

Ultrafast photochemical dynamics of molecules in solution and in protein environments will be studied using the techniques of transient absorption spectroscopy and two-dimensional infrared spectroscopy. The project is funded by EPSRC Programme Grant EP/V026690/1, Ultrafast Photochemical Dynamics in Complex Environments.

The Equipment

We require an amplified ultrafast laser system for use in studies of photochemical dynamics. The laser should consist of an ultrafast oscillator and an amplifier, in a one-box design for optimum stability of operation in our laboratory. Sufficient power output is required to pump two existing optical parametric amplifiers (OPAs, operating with 800-nm pump wavelengths) to generate ultraviolet and mid-infrared laser beams at a laser pulse repetition rate of 1 kHz.

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: £268,000

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

End date

31 January 2024

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 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

Accelerated procedure

Justification:

A Prior Information Notice has been used to reduce the timeframe

Equipment is required ASAP due to old equipment becoming unreliable and risk to current research.

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: 2022/S 000-016568

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

Date

11 August 2022

Local time

12:00pm

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 August 2022

Local time

2:00pm

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 payment will be used

VI.4) Procedures for review

VI.4.1) Review body

University of Bristol

Bristol

Country

United Kingdom