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Contract

## **Amplified Ultrafast Laser System for Scientific Research**

University of Bristol

F03: Contract award notice

Notice identifier: 2022/S 000-034000

Procurement identifier (OCID): ocds-h6vhtk-03475d

Published 30 November 2022, 4:57pm

### **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](mailto:helen.warren@bristol.ac.uk)

#### **Telephone**

+44 01179289000

#### **Country**

United Kingdom

#### **Region code**

UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

**Internet address(es)**

Main address

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

**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**

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.1.6) Information about lots**

This contract is divided into lots: No

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £268,400

### **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

#### **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.2.1) Previous publication concerning this procedure**

Notice number: [2022/S 000-016568](#)

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## **Section V. Award of contract**

### **Contract No**

Lab-2206-135-PC\_2273

### **Title**

Amplified Ultrafast Laser System

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

25 November 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 2

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Coherent Europe B.V.

UTRECHT

Country

Netherlands

NUTS code

- NL310 - Utrecht

National registration number

16076958

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £268,400

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## **Section VI. Complementary information**

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

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

University of Bristol

Bristol

Country

United Kingdom

#### **VI.4.2) Body responsible for mediation procedures**

University of Bristol

Bristol

Country

United Kingdom