Award

Purchase of High Energy Ultrafast Laser System with Optical Parametric Amplifier

Heriot-Watt University

F15: Voluntary ex ante transparency notice
Notice identifier: 2025/S 000-011216
Procurement identifier (OCID): ocds-h6vhtk-04f8aa
Published 25 March 2025, 4:34pm

Section I: Contracting authority/entity

I.1) Name and addresses

Heriot-Watt University

Moyen House, Research Park North, Heriot-Watt University

Riccarton, Edinburgh

EH14 4AP

Contact

RichardKinghorn

Email

R.G.Kinghorn@hw.ac.uk

Telephone

+44 1314513704

Country

United Kingdom

NUTS code

UKM75 - Edinburgh, City of

Internet address(es)

Main address

http://hw.ac.uk

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00307

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

Purchase of High Energy Ultrafast Laser System with Optical Parametric Amplifier

Reference number

HWU-UK-2425-008-00

II.1.2) Main CPV code

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

Purchase of High Energy Ultrafast Laser System with Optical Parametric Amplifier for research purposes

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: £379,428

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKM75 - Edinburgh, City of

Main site or place of performance

Heriot-Watt University

Riccarton Campus

Edinburgh

EH14 4AS

II.2.4) Description of the procurement

The University requires to purchase from supplier-Photonic Solutions the following:

Light Conversion industrial femtosecond laser system; integrated pulse picker, power supply and chiller; Max output power 20 W at 4 - 200 kHz, Tunable pulse duration 5 mJ at 1-4 kHz; Includes repetition-rate extension up to 1MHz.

“CEP Ready” future-proof upgrade to the Laser amplifier to allow for future stabilisation of the carrier-envelope phase

Light Conversion Next-Generation Optical Parametric Amplifier - Continuous power monitoring and diagnostics, Up to 20 W, 5mJ pump, Fully integrated wavelength extensions, output stability

Tuning Range: Signal: 1400-2000nm Idler: 2100-4200nm

Following market research carried out by the academic research team, there are no other suppliers available in the market to supply this type of equipment in the form factor required.

The principal purpose of the contract is to acquire goods in connection with research undertaken by the University.

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: Yes

Identification of the project

ERC Grant RES922926

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

This is a voluntary ex ante transparency notice (VEAT). This notice is to indicate that the University intends to contract with Photonic Solutions for the purchase of a High-energy ultrafast laser system with optical parametric amplifier.

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IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section V. Award of contract/concession

Contract No

HWU-UK-2425-008-00

A contract/lot is awarded: Yes

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract

25 March 2025

V.2.2) Information about tenders

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

V.2.3) Name and address of the contractor/concessionaire

Photonic Solutions Ltd

Unit 2.2 Quantum Court, Heriot Watt University Research Park

Edinburgh

EH14 4AP

Telephone

+44 01316648122

Country

United Kingdom

NUTS code

- UKM75 - Edinburgh, City of

The contractor/concessionaire is an SME

Yes

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

Total value of the contract/lot/concession: £379,428

Section VI. Complementary information

VI.3) Additional information

Please Note: An Award has not been made for this requirement. The date included at V.2.1 of this notice refers to the date for the publication of this Voluntary Ex Ante Transparency Notice only.

Heriot-Watt University will incorporate a standstill period at the point

information on the award of the contract is communicated to suppliers by means of this VEAT notice. The Standstill period will be for a

period of 10 calendar days

(SC Ref:794340)

VI.4) Procedures for review

VI.4.1) Review body

Edinburgh Sheriff Court and Justice of the Peace Court

Edinburgh

Country

United Kingdom