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Contract

## **UKRI-2961 Artemis HILUX Laser upgrade**

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2023/S 000-036977

Procurement identifier (OCID): ocds-h6vhtk-03e0a1

Published 15 December 2023, 2:05pm

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

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

UK Research & Innovation

Science & Technology Facilities Council, Rutherford Appleton Laboratory, Harwell

Oxford

OX11 0QX

#### **Contact**

STFC Procurement

#### **Email**

[STFCprocurement@ukri.org](mailto:STFCprocurement@ukri.org)

#### **Telephone**

+44 1235446553

#### **Country**

United Kingdom

**Region code**

UKJ14 - Oxfordshire

**Internet address(es)**

Main address

<https://www.ukri.org>

Buyer's address

<https://www.ukri.org/>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Research

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

UKRI-2961 Artemis HILUX Laser upgrade

Reference number

UKRI-2961

**II.1.2) Main CPV code**

- 38636110 - Industrial lasers

**II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

UKRI wishes to establish a contract for the provision of a high average power ultrafast laser

system for applications of extreme ultraviolet radiation.

#### **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: £2,900,000

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

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

The Central Laser Facility (CLF) based at Rutherford Appleton Laboratory in Harwell, Oxfordshire is preparing major upgrade of its ultrafast laser facilities, in a project called HiLUX. As part of this upgrade project, the CLF requires a high average power ultrafast laser system for applications of extreme ultraviolet radiation.

#### **II.2.5) Award criteria**

Quality criterion - Name: Fixed Wavelength Output / Weighting: 18%

Quality criterion - Name: Tuneable Output / Weighting: 18%

Quality criterion - Name: Synchronisation / Weighting: 18%

Quality criterion - Name: Control System Interface / Weighting: 6%

Quality criterion - Name: Running Costs / Weighting: 10%

Cost criterion - Name: Price / Weighting: 30%

### **II.2.11) Information about options**

Options: Yes

Description of options

UKRI have requested the following items to be priced as options:

High harmonic generation, using output A or its second harmonic;

Additional tuneable output, using output C;

Secondary post-compression of output A;

Post-compression of output C;

2 year Warranty;

3 year Warranty;

Laser Diodes;

Compressor Gratings;

Amplifier Media;

Hollow-Core Fibres;

Multi-pass Compression Cell Mirrors

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

Notice number: [2023/S 000-019783](#)

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

### **Contract No**

UKRI-2961

### **Title**

UKRI-2961 HiLUX High Average Power Laser System

A contract/lot is awarded: Yes

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

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

5 October 2023

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

Number of tenders received: 4

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

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

Photonic Solutions Ltd

Unit 2.2 Quantum Court, Heriot Watt

Edinburgh

EH14 4AP

Country

United Kingdom

NUTS code

- UKM75 - Edinburgh, City of

National registration number

SC194276

The contractor is an SME

Yes

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

Total value of the contract/lot: £1,957,565

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## **Section VI. Complementary information**

### **VI.3) Additional information**

To view this notice, please click here:

<https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=830545962>

GO Reference: GO-20231215-PRO-24786858

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

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

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Country

United Kingdom