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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

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

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](#)

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

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