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Tender

UKRI-1120 PS OPCPA Seed Laser

UK Research & Innovation

F02: Contract notice

Notice identifier: 2021/S 000-006568

Procurement identifier (OCID): ocds-h6vhtk-02a119

Published 30 March 2021, 4:32pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

Polaris House, North Star Avenue, Harwell

Swindon

SN2 1FF

Contact

Laura Lewis

Email

laura.lewis@ukri.org

Telephone

+44 1235446553

Country

United Kingdom

NUTS code

UK - UNITED KINGDOM

Internet address(es)

Main address

www.ukri.org

Buyer's address

www.ukri.org

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.delta-esourcing.com/tenders/UK-UK-Swindon:-Laboratory%2C-optical-and-precision-equipments-%28excl.-glasses%29./5DFEX7W2XS>

Additional information can be obtained from the above-mentioned address

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

Other activity

Research

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKRI-1120 PS OPCPA Seed Laser

Reference number

UKRI-1120

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

The Science and Technology Facilities Council (STFC), a component Research Council of UK Research and Innovation (UKRI), is a world-leading multi-disciplinary science organisation, whose goal is to deliver economic, societal, scientific and international benefits to the UK and its people — and more broadly to the world.

UKRI, the contracting authority, wishes to purchase a minimum of one laser system that will be used as the seed for a picosecond OPCPA pre-amplifier that will provide amplified pulses with an energy of up to 2mJ, as part of the EPAC Project. The minimum scope of the contract is for the supply of one laser system, with the ability to purchase up to an additional two laser systems at a later date.

Please note, the estimated value of the opportunity is: £140K or £192K ex-VAT for the initial purchase.

A maximum potential spend of up to £700,000.00 ex-VAT to account for additional purchases or contractual options that may be exercised.

II.1.5) Estimated total value

Value excluding VAT: £700,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UK - UNITED KINGDOM

Main site or place of performance

UNITED KINGDOM

II.2.4) Description of the procurement

UKRI, the contracting authority, wishes to purchase a minimum of one laser system that will be used as the seed for a picosecond OPCPA pre-amplifier that will provide amplified pulses with an energy of up to 2mJ, as part of the EPAC Project. The minimum scope of the contract is for the supply of one laser system, with the ability to purchase up to an additional two laser systems at a later date.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

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

Duration in months

48

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

II.2.14) Additional information

To respond to this opportunity please click here: <https://ukri.delta-sourcing.com/respond/5DFEX7W2XS>

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

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

Date

6 May 2021

Local time

2:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.7) Conditions for opening of tenders

Date

6 May 2021

Local time

2:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

The Science and Technology Facilities Council (STFC), a component Research Council of UK Research and Innovation (UKRI), is a world-leading multi-disciplinary science organisation, whose goal is to deliver economic, societal, scientific and international benefits to the UK and its people — and more broadly to the world.

Building work is currently underway at UKRI's Rutherford Appleton Laboratory (RAL) site for the EPAC (Extreme Photonics and Applications Centre) facility. EPAC will be applied to short pulse high power applications with its 10 Hertz Petawatt Laser. This will provide a step-change in capabilities for laser-driven accelerator research in the UK, enabling a plasma wakefield accelerator facility with multi-GeV electron beams and spatially coherent X-ray and gamma-ray beams for cutting edge experiments in plasma physics, laboratory astrophysics and condensed matter and material science. EPAC will bring together world-leading interdisciplinary expertise to develop and apply novel, laser based, non-conventional accelerators and particle sources which have unique properties.

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GO Reference: GO-2021330-PRO-18007732

VI.4) Procedures for review

VI.4.1) Review body

UK Research & Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FF

Telephone

+44 1235446553

Country

United Kingdom