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Opportunity

UKRI-1119 PS OPCPA Pump Laser

UK Research & Innovation

F02: Contract notice

Notice reference: 2021/S 000-000698

Published: 13 January 2021, 4:32pm

Section I: Contracting authority

I.1) Name and addresses

UK Research & Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FF

Contact

Laura Lewis

Email

laura.lewis@ukri.org

Telephone

+44 1235446553

Country

United Kingdom

NUTS code

UK - UNITED KINGDOM

National registration number

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./UW27326C28>

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-1119 PS OPCPA Pump Laser

Reference number

UKRI-1119

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

UKRI, the contracting authority, wishes to purchase a minimum of one laser system that will be used as the pump 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.1.5) Estimated total value

Value excluding VAT: £1,200,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

II.2.4) Description of the procurement

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.

UKRI, the contracting authority, wishes to purchase a minimum of one laser system that will be used as the pump 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.2.6) Estimated value

Value excluding VAT: £1,200,000

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

Duration in months

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: Yes

Description of options

The minimum scope of the contract is for one amplifier for use in a high energy laser amplifier system as part of the Extreme Photonics Applications Centre (EPAC) Project, to the specifications detailed. Options are included for the ability to purchase up to an additional two laser diode pump systems at a later date.

The estimated value for one laser diode pump system is GBP 260,000.00 - 300,000.00 ex-VAT for the initial purchase.

Including the options for up to an additional two laser diode pump systems, the total estimated value of the opportunity is GBP 1,200,000.00 ex-VAT.

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://www.delta-sourcing.com/respond/UW27326C28>

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

18 February 2021

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

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

18 February 2021

Local time

2:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.3) Additional information

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://www.delta-esourcing.com/tenders/UK-UK-Swindon:-Laboratory%2C-optical-and-precision-equipments-%28excl.-glasses%29./UW27326C28>

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GO Reference: GO-2021113-PRO-17636167

VI.4) Procedures for review

VI.4.1) Review body

UK Research & Innovation

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United Kingdom