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Tender

UKRI-5208 UPLiFT Pulsed Laser Diode System

UK Research & Innovation (UKRI)

UK4: Tender notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-065426

Procurement identifier (OCID): ocds-h6vhtk-05cce9 ([view related notices](#))

Published 15 October 2025, 9:22am

Scope

Description

STFC are looking to purchase a Pulsed Laser Diode Systems which will be used to pump a ytterbium:YAG laser amplifier generating pulses at a repetition rate of 10 Hz.

The Yb:YAG laser is being developed by the Science and Technology Facilities Council (STFC) as a prototype demonstrator for a new diode pumped solid state laser (DPSSL) concept with the potential of providing a low-cost, efficient laser-driver for an inertial fusion energy (IFE) power plant. It will be installed and operated at the Central Laser Facility (CLF) in a laser laboratory at the Rutherford Appleton Laboratory in the UK.

Total value (estimated)

- £550,000 excluding VAT
- £660,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 15 December 2025 to 15 September 2026
- Possible extension to 15 December 2029
- 4 years, 1 day

Description of possible extension:

The contract includes an option for the Contracting Authority to purchase additional Pulsed Laser Diode System at any time within forty-eight (48) months from the contract start date. This option may be exercised at the sole discretion of the Authority and is not guaranteed

Options

The right to additional purchases while the contract is valid.

The contract includes an option for the Contracting Authority to purchase additional Pulsed Laser Diode System at any time within forty-eight (48) months from the contract start date. This option may be exercised at the sole discretion of the Authority and is not guaranteed

Main procurement category

Goods

CPV classifications

- 31712348 - Laser diodes

Contract locations

- UKJ14 - Oxfordshire

Participation

Legal and financial capacity conditions of participation

N/A

Technical ability conditions of participation

N/A

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Enquiry deadline

29 October 2025, 2:00pm

Tender submission deadline

10 November 2025, 2:00pm

Submission address and any special instructions

To access this opportunity please click here:

[https://ukri2--](https://ukri2--prospend.vf.force.com/apex/CS_ContractPage?filters=&page=1&Preview=Yes&searchStr=&SearchType=Projects&sortStr=Alphabetical&uid=a1MTm0000088TjNMAU&sfdcIFrameOrigin=https%3A%2F%2Fukri2.lightning.force.com)

[prospend.vf.force.com/apex/CS_ContractPage?filters=&page=1&Preview=Yes&searchStr=&SearchType=Projects&sortStr=Alphabetical&uid=a1MTm0000088TjNMAU&sfdcIFrameOrigin=https%3A%2F%2Fukri2.lightning.force.com](https://ukri2--prospend.vf.force.com/apex/CS_ContractPage?filters=&page=1&Preview=Yes&searchStr=&SearchType=Projects&sortStr=Alphabetical&uid=a1MTm0000088TjNMAU&sfdcIFrameOrigin=https%3A%2F%2Fukri2.lightning.force.com)

Please note the following steps for accessing this opportunity via the Atamis eSourcing platform:

1. Log in or create an account here: <https://ukri2.my.site.com>
2. Navigate to the opportunity in the Find an Opportunity section of the site or via the direct access link above.
3. Select Register Interest (you will not be able to view the tender documentation without registering an interest).
4. Go back to the main menu and navigate to the My Proposals and Quotes section of the site.
5. Select the opportunity from the list. Tender Documents for download are found in the Documents tab.

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

1 December 2025

Award criteria

Name	Description	Type	Weighting
Quality	80% including 10% RP/Social Value	Quality	80.00%
Price	20% Pricing	Price	20.00%

Other information

Payment terms

N/A

Description of risks to contract performance

N/A

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Contracting authority

UK Research & Innovation (UKRI)

- Public Procurement Organisation Number: PDQJ-7126-JDHG

Polaris House

Swindon, Wiltshire

SN2 1FL

United Kingdom

Contact name: STFC Procurement

Telephone: +441793442000

Email: stfcprocurement@ukri.org

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

Region: UKK14 - Swindon

Organisation type: Public authority - central government