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Tender

DLSITT1057 - I17 CSXID Beamline Plane Grating Monochromator for Diamond Light Source

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-015421

Procurement identifier (OCID): ocds-h6vhtk-0503ad ([view related notices](#))

Published 16 April 2025, 9:58am

Scope

Reference

DLSITT1057

Description

Located on the Harwell Science and Innovation Campus in Oxfordshire, Diamond Light Source (DLS) is a leading-edge facility for science, engineering and innovation. Diamond allows researchers from academia and industry to investigate the structure and behaviour of the world around us at the atomic and molecular level. To continue delivering the world changing science that Diamond enables, the facility is being

upgraded to Diamond-II, a coordinated programme of development that combines a major machine upgrade with new instruments and complementary improvements to optics, detectors, sample environment and delivery capabilities, and computing, as well as integrated and correlative methods. This will be transformative in speed and spatial resolution and will offer users streamlined access to enhanced instruments for life and physical sciences.

The scope of the contract is for the design, supply of material, manufacture, assembly, test and delivery of one soft X-ray Plane Grating Monochromator (PGM). The PGM will be used on the DLS I17 Beamline over a photon energy range of 250 - 3500 eV and will be able to provide a resolving power ($E/\Delta E$) better than 8,000 at all energies. The mirror optic and gratings are excluded from the scope of the contract.

The PGM shall include:

- Cooling arrangements as described in the specification
- Vacuum system
- Support system
- Interface to beamline services

Total value (estimated)

- £400,000 excluding VAT
- £480,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 24 June 2025 to 18 December 2026
- 1 year, 5 months, 25 days

Main procurement category

Goods

CPV classifications

- 32000000 - Radio, television, communication, telecommunication and related equipment
- 33111000 - X-ray devices

Contract locations

- UKJ14 - Oxfordshire

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Tender submission deadline

19 May 2025, 12:00pm

Submission address and any special instructions

Please email tender submission to:

https://www.diamondtenders@diamond.ac.uk

and send a hard copy to:

Procurement Department

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

Oxon

OX11 0DE

England

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

19 June 2025

Award criteria

Name	Type	Weighting
Price	Price	40%
Technical Quality	Quality	25%
Experience & Capacity	Quality	25%
Commercial	Quality	5%
Delivery	Quality	5%

Other information

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Open procedure

Documents

Associated tender documents

<https://www.diamondtenders@diamond.ac.uk/Home.aspx>

Visit our web page: <https://www.diamondtenders@diamond.ac.uk/Home.aspx>

Here Suppliers are required to complete a one-off-simple registration form. You are then able to login to register your interest against the Tender and download the tender

documents.

Contracting authority

DIAMOND LIGHT SOURCE LIMITED

- Companies House: 04375679
- Public Procurement Organisation Number: PNGG-3778-PWBM

Diamond House, Harwell Science and Innovation Campus

Didcot

OX11 0DE

United Kingdom

Contact name: Debbie Pryor

Telephone: 01235 567575

Email: procurement@diamond.ac.uk

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government