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Tender

DLSITT1078 - Diamond Light Source KB Mirror System for K21

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-068109

Procurement identifier (OCID): ocds-h6vhtk-05d330 ([view related notices](#))

Published 24 October 2025, 11:13am

Scope

Reference

DLSITT1078

Description

Located on the Harwell Science & Innovation Campus in Oxfordshire, Diamond Light Source (DLS) is a leading-edge facility for science, engineering and innovation. DLS 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 co-ordinated 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, delivery, installation and commissioning of a focussing mirror system for the K21 beamline.

The minimum scope of the contract is the design, manufacture, test, and delivery of:

- VFM upward reflecting, X-ray mirror & mechanics.
- HFM inboard reflecting, X-ray mirror & mechanics.
- Motorized mechanical bender to adjust the curvature of VFM's reflecting surface.
- Motorized mechanical bender to adjust the curvature of HFM'S reflecting surface.
- Passive cooling (braids or similar) required due to upstream beam monochromatisation by a double multilayer monochromator.
- Vacuum vessel and associated controls.
- Support frame.
- Interface to beamline services.

Total value (estimated)

- £350,000 excluding VAT
- £420,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 16 December 2025 to 30 June 2027
- 1 year, 6 months, 16 days

Main procurement category

Goods

CPV classifications

- 38622000 - Mirrors

Contract locations

- UKJ14 - Oxfordshire

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Tender submission deadline

24 November 2025, 12:00pm

Submission address and any special instructions

Please email tender submission to:

<https://diamondtenders@diamond.ac.uk>

and send a hard copy to:

Diamond Procurement

Diamond House

Diamond Light Source Ltd

Harwell Science & Innovation Campus

Didcot

Oxon

OX11 0DE

United Kingdom

Tenders may be submitted electronically

Yes

Languages that may be used for submission

English

Award decision date (estimated)

4 December 2025

Award criteria

| Name | Type | Weighting |
|-------------------------|---------|-----------|
| Price | Price | 40% |
| Technical Quality | Quality | 25% |
| Experience and 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

Technical specifications to be met

<https://tenders.diamond.ac.uk>

Visit our web page:

<https://tenders.diamond.ac.uk>

Here Suppliers are required to complete a one-off simple registration form. You are then able to login to register an 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

Didcot

OX11 0DE

United Kingdom

Email: procurement@diamond.ac.uk

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government