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Tender

DLSITT1095 - Diamond Light Source B23 Mirror System

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2026/S 000-014842

Procurement identifier (OCID): ocids-h6vhtk-065734

Published 18 February 2026, 2:43pm

Scope

Reference

DLSITT1095

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.

Beamline B23 is a UV-visible beamline that will utilize a lattice dipole-quadrupole (DQ)

magnet as a source in the Diamond-II synchrotron. The beamline operates two modules (A and B) which provide ultraviolet and visible light for synchrotron radiation circular dichroism (SRCD) experiments. The operational energy range of the beamline is 125 to 800 nm (1.55 to 10 eV).

The scope of the contract is to design, manufacture and deliver a double, horizontally and vertically deflecting mirror system to the performance specification document using a shared concept.

The mirror system will support two mirror optics (not part of this tender) that will have a motorised 3-point kinematic motion system. Mirror System will have an Ultra High Vacuum (UHV) vacuum vessel, support structure and adjustments for alignment.

Total value (estimated)

- £500,000 excluding VAT
- £600,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 16 April 2026 to 16 December 2027
- 1 year, 8 months, 1 day

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

23 March 2026, 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 and 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)

2 April 2026

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