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Tender

DLSITT1055 - M1 and M2 Collimating Mirror System for Beamline I20 for Diamond Light Source

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2026/S 000-010766

Procurement identifier (OCID): ocds-h6vhtk-0649a3

Published 6 February 2026, 9:23am

Scope

Reference

DLSITT1055

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, manufacture, assembly, delivery and installation of a pair of cooled, high power mirror systems (M1 and M2) for the I20-Scanning beamline to the performance detailed in the specification document.

The minimum scope of the contract:

- M1 - upward reflecting, vertical collimating, white beam mirror and mechanics including bender and anti-sag.
- M2 - downward reflecting, flat, white beam mirror and mechanics including bender and anti-sag.
- Cooling arrangements.
- Temperature monitoring for interlocking
- Mechanical Interlocking of displacements between the two mirror systems with electronic feedback to protect the over extension of the bellows.
- Vacuum vessels.
- Support frames.
- Interfaces to beamline services.
- Installation of the optic in the bender at the DLS Optics Metrology Lab (OML).
- Assembly for site acceptance testing at DLS.
- Installation and commissioning into the beamline.
- Training for Diamond personnel in the operation of the mirrors.

Further information can be found in the specification.

Total value (estimated)

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

Above the relevant threshold

Contract dates (estimated)

- 28 March 2026 to 26 June 2028
- 2 years, 2 months, 30 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

9 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 of:

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)

16 March 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