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Tender

DLSITT1062 - Double Toroidal Focussing Mirror System (M2) for Beamline K18

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-068539

Procurement identifier (OCID): ocds-h6vhtk-05d42b ([view related notices](#))

Published 27 October 2025, 12:50pm

Scope

Reference

DLSITT1062

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 Double Toroidal Focussing Mirror System for the K18 beamline.

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

- M2 downward deflecting, tangentially bent, double toroidal focusing, monochromatic X-ray beam mirror & mechanics.
- Motorized elliptical 4-point mechanical bender to adjust tangential curvature of the mirror reflecting surface.
- Motorized gravitational sag compensator(s).
- Temperature monitoring
- Temperature stabilisation if required
- Vacuum vessel and associated controls.
- Support frame
- Interface to beamline services.

and includes the following:

- Design
- Contract Terms and Conditions
- Supply and purchasing of materials and components.
- Quality Assurance
- Manufacture of mirror system
- Inspection
- Cleaning
- Assembly
- Vacuum baking

- Testing
- Packing and Delivery

Total value (estimated)

- £320,000 excluding VAT
- £384,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 12 January 2026 to 12 July 2027
- 1 year, 6 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

26 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 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 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 and interest against the tender and download the Tender Documents.

Contracting authority

DIAMOND LIGHT SOURCE LIMITED

- Companies House: 04375679
- Public Procurement Organisation Number: PN GG-3778-PWBM

Diamond House

Didcot

OX11 0DE

United Kingdom

Email: procurement@diamond.ac.uk

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government