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Tender

DLSITT1069 - Supply of I17 White Beam Slits for Diamond Light Source

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-069287

Procurement identifier (OCID): ocds-h6vhtk-05d605 ([view related notices](#))

Published 29 October 2025, 11:25am

Scope

Reference

DLSITT1069

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 materials, manufacture, assembly, test and delivery of two White Beam Slit systems (S1 and S2) for the Diamond-II new flagship beamline I17. The WBSs will be used for defining the size and divergence of the beam, controlling the heat load on downstream optics, and providing diagnostic information about the beam. Each system includes the slit blades and their actuators, cooling system, vacuum vessel, support and manual positioning system.

The I17 beamline will be a soft x-ray beamline operating in the energy range from 250 eV to 3.5 keV. The beamline will include a series of optical components to focus the beam at the exit slits to which will provide a secondary source for sample illumination.

The purpose of the white beam slits is to define the size and power of the beam impinging on mirror M1, to define the dimensions of the accepted beam after deflection from M1, and to provide the ability to tune between flux and transverse coherence.

Total value (estimated)

- £200,000 excluding VAT
- £240,000 including VAT

Above the relevant threshold

Contract dates (estimated)

- 18 December 2025 to 15 June 2026
- 5 months, 29 days

Main procurement category

Goods

CPV classifications

- 42900000 - Miscellaneous general and special-purpose machinery

Contract locations

- UKJ14 - Oxfordshire

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Submission

Tender submission deadline

28 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 Innovatio 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)

8 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