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Award

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

DIAMOND LIGHT SOURCE LIMITED

UK6: Contract award notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-079361

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

Published 3 December 2025, 1:26pm

Scope

Reference

9003224

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.

Contract 1. 9003224 - Supply of I17 White Beam Slits for Diamond Light Source

Supplier

- XDS OXFORD LIMITED

Contract value

- £150,000 excluding VAT
- £180,000 including VAT

Above the relevant threshold

Award decision date

3 December 2025

Date assessment summaries were sent to tenderers

3 December 2025

Standstill period

- End: 12 December 2025
- 8 working days

Earliest date the contract will be signed

15 December 2025

Contract dates (estimated)

- 15 December 2025 to 26 January 2027
- 1 year, 1 month, 12 days

Main procurement category

Goods

CPV classifications

- 42900000 - Miscellaneous general and special-purpose machinery

Contract locations

- UKJ14 - Oxfordshire
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Information about tenders

- 4 tenders received
 - 4 tenders assessed in the final stage:
 - 4 submitted by small and medium-sized enterprises (SME)
 - 0 submitted by voluntary, community and social enterprises (VCSE)
 - 1 supplier awarded contracts
 - 3 suppliers unsuccessful (details included for contracts over £5 million)
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Procedure

Procedure type

Open procedure

Supplier

XDS OXFORD LIMITED

- Companies House: 04138193
- Public Procurement Organisation Number: PLZV-5432-GJHR

Unit 1 Ferry Mills

Oxford

OX2 0ES

United Kingdom

Email: sales@xds-oxford.com

Website: <https://xds-oxford.com/>

Region: UKJ14 - Oxfordshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. 9003224 - Supply of I17 White Beam Slits for Diamond Light Source

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