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Contract

9003224 - Supply of I17 CSXID White Beam Slits

DIAMOND LIGHT SOURCE LIMITED

UK7: Contract details notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2026/S 000-001066

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

Published 7 January 2026, 1:15pm

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 CSXID White Beam Slits

Supplier

- XDS OXFORD LIMITED

Contract value

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

Above the relevant threshold

Date signed

15 December 2025

Contract dates

- 15 December 2025 to 31 January 2027
- 1 year, 1 month, 17 days

Main procurement category

Goods

CPV classifications

- 42900000 - Miscellaneous general and special-purpose machinery

Contract locations

- UKJ14 - Oxfordshire

Justification for not setting key performance indicators

Contract value is below £5 million.

Other information

Applicable trade agreements

- Government Procurement Agreement (GPA)

Conflicts assessment prepared/revised

Yes

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 117 CSXID White Beam Slits

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