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Contract

9001983 - Supply of I17 CSXID Beamline Plane Grating Monochromator

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-038126

Procurement identifier (OCID): ocds-h6vhtk-0503ad ([view related notices](#))

Published 8 July 2025, 10:41am

Scope

Reference

9001983

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 material, manufacture, assembly, test and delivery of one soft X-ray Plane Grating Monochromator (PGM). The PGM will be used on

the DLS I17 Beamline over a photon energy range of 250 - 3500 eV and will be able to provide a resolving power ($E/\Delta E$) better than 8,000 at all energies. The mirror optic and gratings are

excluded from the scope of the contract.

The PGM shall include:

- Cooling arrangements as described in the specification
- Vacuum system
- Support system
- Interface to beamline services.

Contract 1. 9001983- I17 CSXID Beamline Plane Grating Monochromator for DLS

Supplier

- Bestec GmbH

Contract value

- £377,700 excluding VAT
- £453,240 including VAT

Above the relevant threshold

Date signed

13 June 2025

Contract dates

- 13 June 2025 to 9 December 2026
- 1 year, 5 months, 27 days

Main procurement category

Goods

CPV classifications

- 33111000 - X-ray devices

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

Bestec GmbH

- Public Procurement Organisation Number: PBYP-3972-XTPM

Am Studio 2b

Berlin

12489

Germany

Email: info@bestec-optics.de

Website: <https://www.bestec-berlin.de/>

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. 9001983- I17 CSXID Beamline Plane Grating Monochromator for DLS

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