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Award

## **DLSITT1064 - I17 CSXID Beamline - M1, M3 and M5 Mirror Optics**

DIAMOND LIGHT SOURCE LIMITED

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

Notice identifier: 2025/S 000-045295

Procurement identifier (OCID): ocds-h6vhtk-052aa1 ([view related notices](#))

Published 1 August 2025, 3:05pm

### **Scope**

### **Reference**

9002215

### **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

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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 this contract is for the Design, supply of materials, manufacture, test, and delivery of two sets of three mirror optics for the I17-CSXID (Coherent Scattering and X-ray

Imaging Diffraction) beamline.

a) Three polished mirror optics (M1a, M3a, M5a) with Ni coatings.

b) Three polished mirror optics (M1b, M3b, M5b) with Pt coatings.

The optics should be clean and ready for immediate installation and use in ultra-high vacuum (UHV) conditions on the beamline.

The tender specification is for the three mirrors M1, M3 and M5 as listed below. Two sets of these mirrors will be required with different coatings:

- The M1 optic is a vertically-collimating optic with a sagittal cylindrical shape that deflects the beam outboard
- The M3 optic is a vertically-focussing optic with a sagittal cylindrical shape that deflects the beam outboard
- The M5 optic is a vertically-focussing optic with a sagittal cylindrical shape that deflects the beam inboard.

To achieve the required flux at the sample position, the I17 Mirror Systems will require the ability to switch between optics with either a Ni or Pt coating. The sagittal cylindrical shape means that two set of optics will be required, with one coating on each optic.

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## **Contract 1. 9002215 - I17 CSXID Beamline - M1, M3 and M5 Mirror Optics**

### **Supplier**

- Carl Zeiss SMT GmbH

### **Contract value**

- 324200.00 EUR excluding VAT
- 389040.00 EUR including VAT

Above the relevant threshold

### **Award decision date**

1 August 2025

### **Date assessment summaries were sent to tenderers**

1 August 2025

### **Standstill period**

- End: 13 August 2025
- 8 working days

### **Earliest date the contract will be signed**

18 August 2025

### **Contract dates (estimated)**

- 18 August 2025 to 18 May 2026
- 9 months, 1 day

### **Main procurement category**

Goods

### **CPV classifications**

- 38622000 - Mirrors

### **Contract locations**

- UKJ14 - Oxfordshire

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### **Information about tenders**

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

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## Procedure

### Procedure type

Open procedure

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## Supplier

### Carl Zeiss SMT GmbH

- Companies House: HR725667
- Public Procurement Organisation Number: PRWG-4893-MGZX

Rudolf-Eber Str.2

OBERKOCHEN

73447

Germany

Email: [Info.smt@zeiss.com](mailto:Info.smt@zeiss.com)

Website: <http://www.zeiss.com/smt>

Small or medium-sized enterprise (SME): No

Voluntary, community or social enterprise (VCSE): No

Supported employment provider: No

Public service mutual: No

Contract 1. 9002215 - I17 CSXID Beamline - M1, M3 and M5 Mirror Optics

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## **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](mailto:procurement@diamond.ac.uk)

Region: UKJ14 - Oxfordshire

Organisation type: Public authority - central government