

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/037009-2024>

Planning

## **DLSPIN2002 - X-ray Mirrors**

Diamond Light Source Ltd

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-037009

Procurement identifier (OCID): ocds-h6vhtk-04b6d0

Published 15 November 2024, 12:48pm

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OX11 0DE

#### **Contact**

Debbie Pryor

#### **Email**

[procurement@diamond.ac.uk](mailto:procurement@diamond.ac.uk)

#### **Telephone**

+44 1235567575

#### **Country**

United Kingdom

**Region code**

UKJ14 - Oxfordshire

**Companies House**

4375679

**Internet address(es)**

Main address

<https://www.diamond.ac.uk>

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.diamondtenders@diamond.ac.uk/Home.aspx>

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Other activity

Scientific Research

---

## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

DLSPIN2002 - X-ray Mirrors

Reference number

DLSPIN2002

#### **II.1.2) Main CPV code**

- 33111000 - X-ray devices

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

Over the next several years, Diamond Light source will require several X-ray mirror systems for beamlines. Most of these will be complete systems, including goniometry, vacuum vessels, and some bending mechanisms (mechanical or bimorph) and others may be for just the mirrors. The mirrors will be manufactured from flat and cylindrically polished substrate materials, with various surface coatings. Mirrors that are illuminating by the direct synchrotron beam will require appropriate water-cooling circuits. Shape error and roughness requirements will be very stringent.

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKJ14 - Oxfordshire

#### **II.2.4) Description of the procurement**

Over the next several years, Diamond Light source will require several X-ray mirror systems for beamlines. Most of these will be complete systems, including goniometry,

vacuum vessels, and some bending mechanisms (mechanical or bimorph) and others may be for just the mirrors. The mirrors will be manufactured from flat and cylindrically polished substrate materials, with various surface coatings. Mirrors that are illuminated by the direct synchrotron beam will require appropriate water-cooling circuits. Shape error and roughness requirements will be very stringent.

### **II.3) Estimated date of publication of contract notice**

30 September 2025

---

## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes