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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

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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

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 illuminating 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