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Tender

Multilayer Deposition System

Diamond Light Source Ltd

F02: Contract notice

Notice identifier: 2021/S 000-022270

Procurement identifier (OCID): ocds-h6vhtk-02de6d

Published 8 September 2021, 1:45pm

Section I: Contracting authority

I.1) Name and addresses

Diamond Light Source Ltd

Harwell Science Campus

Didcot

OX11 0DE

Contact

Alison Roblin

Email

alison.roblin@diamond.ac.uk

Telephone

+44 7774337368

Country

United Kingdom

NUTS code

UKJ14 - Oxfordshire

Internet address(es)

Main address

www.diamond.ac.uk

I.3) Communication

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

<https://tenders.diamond.ac.uk/Home.aspx>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted to 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

Multilayer Deposition System

Reference number

DLSITT0428

II.1.2) Main CPV code

- 42900000 - Miscellaneous general and special-purpose machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

The scope of the contract is to design, manufacture, test and deliver a fully functional ready to use Multilayer Deposition System (MDS) based on the DC sputter technique. The MDS will be installed in the DLS Optics Fabrication Building for the fabrication of high-quality single layer and multilayer X-ray optics for use on Diamond beamlines.

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

The multilayer deposition system (MDS) is a thin film deposition system using DC magnetron sputter deposition. The system shall be custom designed and built based on our functional specifications as outlined in the specification. The MDS shall have capabilities of depositing highly uniform (lateral and depth) coatings on X-ray optics substrates. Since the multilayers to be deposited require an error-free layered structure,

particular attention shall be paid to the stability and repeatability of the process.

II.2.5) Award criteria

Quality criterion - Name: Technical Quality / Weighting: 20

Quality criterion - Name: Experience / Weighting: 25

Quality criterion - Name: Delivery / Weighting: 5

Quality criterion - Name: Commercial / Weighting: 5

Quality criterion - Name: DLS support effort / Weighting: 5

Price - Weighting: 40

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

13

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

7 October 2021

Local time

12:00pm

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

8 October 2021

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

Diamond Light Source Limited

Didcot

Country

United Kingdom