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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](mailto:alison.roblin@diamond.ac.uk)

#### **Telephone**

+44 7774337368

#### **Country**

United Kingdom

**NUTS code**

UKJ14 - Oxfordshire

**Internet address(es)**

Main address

<http://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

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## **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

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## **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

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## **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