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Contract

## **Multilayer Deposition System**

Diamond Light Source Ltd

F03: Contract award notice

Notice identifier: 2021/S 000-030382

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

Published 7 December 2021, 3:18pm

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

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

Diamond Light Source Ltd

Harwell Science & Innovation Campus

Didcot

OX11 0DE

#### **Contact**

Debbie Pryor

#### **Email**

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

#### **Telephone**

+44 1235567575

#### **Country**

United Kingdom

**NUTS code**

UKJ14 - Oxfordshire

**Internet address(es)**

Main address

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

**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.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: 1,534,000 EUR

### **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.2.11) 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.2.1) Previous publication concerning this procedure**

Notice number: [2021/S 000-022270](#)

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## **Section V. Award of contract**

### **Contract No**

8013404

### **Title**

Supply of a Multilayer Deposition System

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

3 December 2021

#### **V.2.2) Information about tenders**

Number of tenders received: 2

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Bestec GmbH

Berlin

Country

Germany

NUTS code

- DE30 - Berlin

The contractor is an SME

Yes

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: 1,534,000 EUR

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Diamond Light Source

Harwell Science and Innovation Campus

Didcot

OX11 0DE

Country

United Kingdom