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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

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

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

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](#)

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

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