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Tender

## **Diamond-II HOM-damped RF Cavities**

Diamond Light Source Ltd

F02: Contract notice

Notice identifier: 2024/S 000-021711

Procurement identifier (OCID): ocds-h6vhtk-047d7c

Published 15 July 2024, 4:04pm

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

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

Diamond Light Source Ltd

ADDRESS

TOWN

POSTCODE

#### **Contact**

Debbie Pryor

#### **Email**

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

#### **Telephone**

+44 1235567575

#### **Country**

United Kingdom

**Region code**

UKJ14 - Oxfordshire

**Companies House**

4375679

**Internet address(es)**

Main address

[www.diamond.ac.uk](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>

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

Research

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Diamond-II HOM-damped RF Cavities

Reference number

DLSITT1033

#### **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**

To continue delivering the world-changing science that Diamond enables, the facility is being upgraded. The 3.5 GeV beam in the Diamond-II storage ring will be maintained by seven (or eight) RF cavities of a normal-conducting design with damped Higher Order Modes (HOMs) similar to those installed at the ALBA light source in Barcelona and the BESSY and MLS storage rings in Berlin. Three HOM-damped normal-conducting cavities are already installed in the storage ring and so four or (five) additional cavities are required. The scope of the contract is the manufacture, test, and delivery to DLS of four (or five) HOM-damped cavities resonant at 499.511 MHz, including cavity support frames to hold the cavities in the required orientation, and base frames which support two cavities and their respective support frames..

#### **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**

To continue delivering the world-changing science that Diamond enables, the facility is being upgraded. The 3.5 GeV beam in the Diamond-II storage ring will be maintained by seven (or eight) RF cavities of a normal-conducting design with damped Higher Order Modes (HOMs) similar to those installed at the ALBA light source in Barcelona and the BESSY and MLS storage rings in Berlin. Three HOM-damped normal-conducting cavities are already installed in the storage ring and so four or (five) additional cavities are required. The scope of the contract is the manufacture, test, and delivery to DLS of four (or five) HOM-damped cavities resonant at 499.511 MHz, including cavity support frames to hold the cavities in the required orientation, and base frames which support two cavities and their respective support frames.

#### **II.2.5) Award criteria**

Quality criterion - Name: Technical Quality / Weighting: 30%

Quality criterion - Name: Experience / Weighting: 15%

Quality criterion - Name: Delivery / Weighting: 10%

Quality criterion - Name: Commercial / Weighting: 5%

Price - Weighting: 40%

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

Duration in months

18

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

15 August 2024

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

15 August 2024

Local time

1:00pm

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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

Didcot

Country

United Kingdom