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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

Telephone

+44 1235567575

Country

United Kingdom

Region code

UKJ14 - Oxfordshire

Companies House

4375679

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>

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

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

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

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