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Contract

9000969 - Diamond-II HOM-damped RF Cavities

Diamond Light Source Ltd

F03: Contract award notice

Notice identifier: 2024/S 000-036565

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

Published 12 November 2024, 12:45pm

Section I: Contracting authority

I.1) Name and addresses

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OX11 9RN

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

<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

9000969 - Diamond-II HOM-damped RF Cavities

Reference number

9000969

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

Value excluding VAT: 3,667,150 EUR

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.2.11) 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: [2024/S 000-021711](#)

Section V. Award of contract

Contract No

9000969

Title

Supply of the D-II HOM-damped RF Cavities

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

30 October 2024

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

RI Research Instruments GmbH

Bergish Gladbach

D-51429

Country

Germany

NUTS code

- DE - Germany

Germany

HRB65967

The contractor is an SME

No

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

Total value of the contract/lot: 3,667,150 EUR

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Diamond Light Source

Didcot

OX11 0DE

Country

United Kingdom