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Contract

Passive Superconducting 3rd Harmonic RF Cavity For Diamond-II

Diamond Light Source Ltd

F03: Contract award notice
Notice identifier: 2024/S 000-013540
Procurement identifier (OCID): ocds-h6vhtk-04365a
Published 26 April 2024, 9:57am

Section I: Contracting authority

I.1) Name and addresses

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OX11 0ED

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

Passive Superconducting 3rd Harmonic RF Cavity For Diamond-II

Reference number

9000402

II.1.2) Main CPV code

- 31711530 - Parts of electronic valves and tubes

II.1.3) Type of contract

Supplies

II.1.4) Short description

Located on the Harwell Science and Innovation Campus in Oxfordshire, Diamond Light Source (DLS) is a leading-edge facility for science, engineering and innovation. Diamond allows researchers from academia and industry to investigate the structure and behaviour of the world around us at the atomic and molecular level.

To continue delivering the world-changing science that Diamond enables, the facility is being upgraded to Diamond-II, a co-ordinated programme of development that combines a major

machine upgrade with new instruments and complementary improvements to optics, detectors, sample environment and delivery capabilities, and computing, as well as integrated and correlative methods. This will be transformative in speed and spatial resolution and will offer users streamlined access to enhanced instruments for life and physical sciences.

The scope of the contract is to design, manufacture, deliver, install and commission (in the Diamond RF Test Facility), a passive superconducting (SC) higher harmonic Radio Frequency (RF) Cavity (HHC) complete with cryostat, supporting structure and all required auxiliary equipment. This will be referred to as the 'cryomodule'.

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: £1,870,000

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

Located on the Harwell Science and Innovation Campus in Oxfordshire, Diamond Light Source (DLS) is a leading-edge facility for science, engineering and innovation. Diamond allows researchers from academia and industry to investigate the structure and behaviour

of the world around us at the atomic and molecular level.

To continue delivering the world-changing science that Diamond enables, the facility is being upgraded to Diamond-II, a co-ordinated programme of development that combines a major

machine upgrade with new instruments and complementary improvements to optics, detectors, sample environment and delivery capabilities, and computing, as well as integrated and correlative methods. This will be transformative in speed and spatial resolution and will offer users streamlined access to enhanced instruments for life and physical sciences.

The scope of the contract is to design, manufacture, deliver, install and commission (in the Diamond RF Test Facility), a passive superconducting (SC) higher harmonic Radio Frequency (RF) Cavity (HHC) complete with cryostat, supporting structure and all required auxiliary equipment. This will be referred to as the 'cryomodule'.

A single cryomodule will be procured against the specification. All components will be subject to this performance specification. It is out intention to make this cryomodule compatible with our control systems.

II.2.5) Award criteria

Quality criterion - Name: Technical Quality / Weighting: 25

Quality criterion - Name: Experience & Capacity / Weighting: 25

Quality criterion - Name: Commercial / Weighting: 5

Quality criterion - Name: Delivery / 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 000-003361

Section V. Award of contract

Contract No

9000402

Title

Passive Superconducting 3rd Harmonic RF Cavity for Diamond-II

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

22 April 2024

V.2.2) Information about tenders

Number of tenders received: 2

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 2

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

V.2.3) Name and address of the contractor

Shanghai Shetmil-Cas International Limited

Shanghai

Country

China

NUTS code

- CN - China

Justification for not providing organisation identifier

Not on any register

The contractor is an SME

Yes

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

Total value of the contract/lot: £1,870,000

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Diamond Light Source Ltd

Harwell Science & Innovation Campus

Didcot

OX11 0DE

Country

United Kingdom