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Contract

9000658 - Supply of Electron Beam Position Monitor Buttons for Diamond-II

Diamond Light Source Ltd

F03: Contract award notice

Notice identifier: 2024/S 000-025819

Procurement identifier (OCID): ocds-h6vhtk-046ee4

Published 14 August 2024, 2:56pm

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

9000658 - Supply of Electron Beam Position Monitor Buttons for Diamond-II

Reference number

9000658

II.1.2) Main CPV code

- 38341100 - Electron-beam recorders

II.1.3) Type of contract

Supplies

II.1.4) Short description

Located on the Harwell Science and Innovation Campus in Oxfordshire, Diamond is a leadingedge facility for science, engineering, and innovation. It is the largest science facility to be built in the UK for 40 years and produces ultra-violet, infra-red and X-ray beams of exceptional brightness. 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 correlative methods. This will be transformative in speed and spatial resolution and will offer users streamlined access to enhanced instruments for life and physical science.

Diamonds Electron Beam Position Monitors (EBPM)s are used to monitor the transverse position of the electron beam as it travels through the accelerator. The purpose of the EBPMs is to accurately determine the position of the electron beam produced in the Diamond accelerator. Each EBPM consists of four button pickups. The D-II upgrade includes new vacuum vessels which also requires the manufacture of new EBPM buttons. This contract is for the manufacture of Diamond's EBPM buttons. The scope of the contract is to

- develop and validate a cost-effective button design based on the provided Diamond drawings and specifications and validation testing of button design.
- produce new EBPM buttons for installation into the new vacuum vessels.
- supply Diamond with drawings, and the requested number of buttons conforming to the agreed specification.

A Quantity of 2000 series production EBPM buttons will need to be supplied.

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: 1,180,000 EUR

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 is a leading edge facility for science, engineering, and innovation. It is the largest science facility to be built in the UK for 40 years and produces ultra-violet, infra-red and X-ray beams of exceptional brightness. Diamond allows researchers from academia and industry to investigate the structure and behaviour of the world around us at the atomic and molecular level.

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II.2.5) Award criteria

Quality criterion - Name: Technical Quality / Weighting: 40

Quality criterion - Name: Experience & Capacity / Weighting: 10

Quality criterion - Name: Delivery / Weighting: 5

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 000-017952](#)

Section V. Award of contract

Contract No

9000658

Title

Supply of Electron Beam Position Monitor Buttons for Diamond-II

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

12 August 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

Neue Technologien GmbH & Co KG (NTG)

Gelnhausen

63571

Country

Germany

NUTS code

- DE - Germany

HRA Germany

HRA 11457

The contractor is an SME

Yes

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

Total value of the contract/lot: 1,180,000 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

Email

purchaseorders@diamond.ac.uk

Country

United Kingdom