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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): ocids-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](mailto: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

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## 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 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.

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.

Diamond's 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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- 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.

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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

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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.2.1) Previous publication concerning this procedure**

Notice number: [2024/S 000-017952](#)

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## **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

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## **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](mailto:purchaseorders@diamond.ac.uk)

Country

United Kingdom