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Tender

## **DLSITT1030 - Supply of Electron Beam Position Monitor Buttons**

Diamond Light Source Ltd

F02: Contract notice

Notice identifier: 2024/S 000-017952

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

Published 11 June 2024, 9:47am

### **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.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.diamondtenders@diamond.ac.uk/Home.aspx>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.diamondtenders@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**

DLSITT1030 - Supply of Electron Beam Position Monitor Buttons

Reference number

DLSITT1030

#### **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.

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.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.

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

#### **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.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

12

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

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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.2.2) Time limit for receipt of tenders or requests to participate**

Date

11 July 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

11 July 2024

Local time

1:00pm

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## **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

Harwell Science and Innovation Campus

Didcot

OX11 0ED

Country

United Kingdom