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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

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

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 manufacdture 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.

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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.2.7) 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

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

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