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Tender

DLSITT1045 - Supply of Safety Instrumented System for Three Flagship Beamlines and HeXI for DLS

Diamond Light Source Ltd

F02: Contract notice

Notice identifier: 2024/S 000-037343

Procurement identifier (OCID): ocds-h6vhtk-04bcdf

Published 19 November 2024, 11:49am

Section I: Contracting authority

I.1) Name and addresses

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OX11 0DE

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://diamondtenders@diamond.ac.uk>

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/Home.aspx>

Tenders or requests to participate must be submitted to the above-mentioned address

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

DLSITT1045 - Supply of Safety Instrumented System for Three Flagship Beamlines and HeXI for DLS

Reference number

DLSITT1045

II.1.2) Main CPV code

- 35113300 - Safety installations

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 coordinated 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

Diamond Light Source requires four Safety Logic solver solutions to manage safe Personnel access into areas under the control of the Ionising Radiation Regulations 2017 act. The Logic solver solution must be capable of interfacing to High integrity safety sensors, control & protective devices, and report status of the system to EPICS our Supervisory, Control and Data acquisition system. The system must comply with IEC 61508 and achieve the required Safety Integration Level to mitigate hazards harmful to health. We anticipate each

standalone system will potentially manage several hundred IO.

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 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.

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II.2.5) Award criteria

Quality criterion - Name: Technical Requirements / Weighting: 25

Quality criterion - Name: Supplier Experience and References / Weighting: 25

Quality criterion - Name: Optional Requirements / Weighting: 10

Price - Weighting: 40

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

Duration in months

24

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

19 December 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

19 December 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

Didcot

OX11 0DE

Country

United Kingdom