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Contract

DLSPAG0160 - Supply of Vacuum Gauges & Control Units for Diamond-II

Diamond Light Source Ltd

F03: Contract award notice

Notice identifier: 2024/S 000-035175

Procurement identifier (OCID): ocids-h6vhtk-04a7e9

Published 30 October 2024, 1:55pm

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.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

DLSPAG0160 - Supply of Vacuum Gauges & Control Units for Diamond-II

Reference number

DLSPAG0160

II.1.2) Main CPV code

- 38423100 - Pressure gauges

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 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 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.

Currently Diamond has a legacy installation of around 1000 Gauge sets and 500 Gauge controllers from MKS. In the Diamond-II accelerator upgrade we plan on using the legacy controllers and purchase new gauges and a few additional new controllers. Approximately numbers of new kit for Diamond-II is 370 gauge sets and 55 Gauge controllers.

1. The MKS gauge controllers which are currently integrated in the racks and control systems for Diamond are planned to be used again on Diamond II accelerators.
2. The MKS gauge controllers are not compatible with any other makers gauges in the market.
3. There are no gauge controllers in the market which are compatible with the MKS gauges.
4. It is not currently possible to buy gauges and controllers from an alternative supplier to fit with what we already have.

There are no gauge controllers in the market that have a fast response trigger that can be used without fast valve controller system.

The requirement is for equipment that is compatible with the existing installation:

- Pirani gauges

- Inverted Magnetron vacuum gauges
- Vacuum gauge control units

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: £0.01

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

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- Pirani gauges
- Inverted Magnetron vacuum gauges
- Vacuum gauge control units.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

Currently Diamond has a legacy installation of around 1000 Gauge sets and 500 Gauge controllers from MKS. In the Diamond-II accelerator upgrade we plan on using the legacy

controllers and purchase new gauges and a few additional new controllers. Approximately numbers of new kit for Diamond-II is 370 gauge sets and 55 Gauge controllers.

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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 000-032736](#)

Section V. Award of contract

Contract No

DLSPAG0160

Title

Supply of Vacuum Gauges & Control Units for Diamond-II

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 October 2024

V.2.2) Information about tenders

Number of tenders received: 1

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

MKS Instruments UK Ltd

2 Cowley Way, Weston Road,

Crewe, Cheshire

CW1 6AE

Country

United Kingdom

NUTS code

- UKD6 - Cheshire

Companies House

06391618

The contractor is an SME

No

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

Total value of the contract/lot: £0.01

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Diamond Light Source

Didcot

OX11 0DE

Country

United Kingdom