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Award

## **Supply of Vacuum Gauges and Control unit for Diamond-II**

Diamond Light Source Ltd

F15: Voluntary ex ante transparency notice

Notice identifier: 2024/S 000-032736

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

Published 11 October 2024, 10:29am

### **Section I: Contracting authority/entity**

#### **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](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**

Supply of Vacuum Gauges and Control unit for Diamond-II

#### **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: £767,195

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UKJ14 - Oxfordshire

#### **II.2.4) Description of the procurement**

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

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- Vacuum gauge control units

### **II.2.11) Information about options**

Options: No

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Negotiated without a prior call for competition

- The works, supplies or services can be provided only by a particular economic operator for the following reason:
  - absence of competition for technical reasons

Explanation:

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#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

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## **Section V. Award of contract/concession**

A contract/lot is awarded: Yes

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract**

11 October 2024

#### **V.2.2) Information about tenders**

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

#### **V.2.3) Name and address of the contractor/concessionaire**

MKS Instruments UK Limited

Crewe

CW1 6AE

Country

United Kingdom

NUTS code

- UKD62 - Cheshire East

Companies House

06391618

The contractor/concessionaire is an SME

No

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

Total value of the contract/lot/concession: £767,195

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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 0ED

Country

United Kingdom