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Contract

## **Supply of OMRON NX Series PLC Equipment**

Diamond Light Source Ltd

F03: Contract award notice

Notice identifier: 2023/S 000-036079

Procurement identifier (OCID): ocids-h6vhtk-040681

Published 7 December 2023, 12:54pm

### **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](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 OMRON NX Series PLC Equipment

Reference number

DLSPAG0138

#### **II.1.2) Main CPV code**

- 31720000 - Electromechanical equipment

#### **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. DLS allows researchers from academia and industry to investigate the structure and behaviour of the world around us at the atomic and molecular level.

The facility is about to undergo a major upgrade to its main accelerator system which requires the upgrade of its associated control hardware, this tender is prepared with the intention of procuring the supply of PLC hardware to be used in this upcoming upgrade and for a framework for supply of PLC hardware for other projects following the upgrade of the Diamond facility.

#### **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**

The contract is for the supply of Omron NX series PLC equipment to be integrated into all areas of the control system alongside our existing installed Omron PLC equipment. Diamond currently has a large installed base of PLC systems managing Vacuum protection,

Interlocking and Automation across all disciplines. Diamond has invested large amounts of time & effort into delivering the infrastructure to support this platform. Device drivers for the

EPICS platform as the top-level SCADA, revision control system for back up and version control, 'Best Practice' and 'Code Creation' guidance documentation for third party vendors

of turn-key equipment to follow have all been set up to ensure consistency. DLS also has a large amount of pre-configured templated programming structures for all commonly used

devices found on Diamond to ensure quick and simple onfiguration & deployment.

The Omron Programming software is commonly understood and integrates well with our chosen drawing office package for the generation of EPICS identification & Global variables in the form of publishable TAGS. It also uses a single software platform for all PLC, HMI, Vision & Networking equipment which makes firmware & software upgrades and patching simple.

### **II.2.5) Award criteria**

Price

### **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.2.1) Previous publication concerning this procedure**

Notice number: [2023/S 000-028740](#)

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

### **Contract No**

DLSPAG0138

### **Title**

Supply of OMRON NX Series PLC Equipment

A contract/lot is awarded: Yes

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

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

27 November 2023

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

Number of tenders received: 2

Number of tenders received from SMEs: 2

Number of tenders received by electronic means: 2

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

**V.2.3) Name and address of the contractor**

Omron Electronic Ltd

Milton Keynes

Country

United Kingdom

NUTS code

- UKJ12 - Milton Keynes

Companies House

02602783

The contractor is an SME

Yes

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

Total value of the contract/lot: £0.01

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OX11 0DE

Country

United Kingdom