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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

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

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

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](#)

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

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