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Planning

DLSPIN2010 - Booster and ID Power Supplies

Diamond Light Source Ltd

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-027046

Procurement identifier (OCID): ocds-h6vhtk-03fc4c

Published 13 September 2023, 10:33am

Section I: Contracting authority

I.1) Name and addresses

Diamond Light Source Ltd

Harwell Science and Innovation Campus

Didcot

OX11 0ED

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

Additional information can be obtained from 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

DLSPIN2010 - Booster and ID Power Supplies

Reference number

DLSPIN2010

II.1.2) Main CPV code

- 31156000 - Interruptible power supplies

II.1.3) Type of contract

Supplies

II.1.4) Short description

Several cycling power supplies are required for the Booster and an Insertion Device, ID. These are rated at several hundred volts and several hundred amps. The Booster Power Supplies will be required to follow a 5Hz unipolar offset sine wave. The ID power supply will be required to ramp between full positive current to full negative current and back again in about 100mS. DLS will provide the precision current measurement and control loop to regulate the power electronics provide through the contract. The power supplies may be split over more than one contract.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 31156000 - Interruptible power supplies

II.2.3) Place of performance

NUTS codes

- UKJ14 - Oxfordshire

II.2.4) Description of the procurement

Several cycling power supplies are required for the Booster and an Insertion Device, ID. These are rated at several hundred volts and several hundred amps. The Booster Power Supplies will be required to follow a 5Hz unipolar offset sine wave. The ID power supply will be required to ramp between full positive current to full negative current and back again in about 100mS. DLS will provide the precision current measurement and control loop to regulate the power electronics provide through the contract. The power supplies may be split over more than one contract.

II.3) Estimated date of publication of contract notice

31 March 2024

Section IV. Procedure

IV.1) Description

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

The procurement is covered by the Government Procurement Agreement: Yes