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Tender

# Supply of six 120kW 500 MHz Solid State RF Amplifiers for Diamond Light Source

Diamond Light Source Ltd

F02: Contract notice

Notice identifier: 2023/S 000-023363

Procurement identifier (OCID): ocds-h6vhtk-03ee95

Published 10 August 2023, 11:56am

# **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

The procurement documents are available for unrestricted and full direct access, free of charge, at

https://www.diamondtenders@diamond.ac.uk/Home.aspx

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

https://www.diamondtenders@diamond.ac.uk

Tenders or requests to participate must be submitted to 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

Supply of six 120kW 500 MHz Solid State RF Amplifiers for Diamond Light Source

Reference number

DLSITT1002

#### II.1.2) Main CPV code

• 32343000 - Amplifiers

#### 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.

The scope of the contract is to design, manufacture, deliver, install and commission six identical 500 MHz solid state RF amplifiers subject to the performance specification detailed in this document. Each amplifier shall be capable of delivering any value of power up to 120 kW in continuous wave operation for extended periods and also of pulsed operation from zero to maximum power at arbitrary duty cycle.

#### II.1.6) Information about lots

This contract is divided into lots: No

## II.2) Description

#### II.2.3) Place of performance

NUTS codes

UKJ14 - Oxfordshire

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

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.

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#### II.2.5) Award criteria

Quality criterion - Name: Technical Quality / Weighting: 25

Quality criterion - Name: Experience & Capacity / Weighting: 25

Quality criterion - Name: Commercial / Weighting: 5

Quality criterion - Name: Delivery / Weighting: 5

Price - Weighting: 40

#### II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

**Duration in months** 

This contract is subject to renewal

No

# II.2.10) Information about variants

Variants will be accepted: No

# 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.2.2) Time limit for receipt of tenders or requests to participate

Date

11 September 2023

Local time

12:00pm

#### IV.2.4) Languages in which tenders or requests to participate may be submitted

English

#### IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 3 (from the date stated for receipt of tender)

#### IV.2.7) Conditions for opening of tenders

Date

11 September 2023

Local time

1:00pm

# **Section VI. Complementary information**

# VI.1) Information about recurrence

This is a recurrent procurement: No

# VI.4) Procedures for review

VI.4.1) Review body

Diamond Light Source

Harwell Science and Innovation Campus

Didcot

OX11 0ED

Country

**United Kingdom**