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Contract

## **9000126 - Six 120 kW 500 MHz Solid State RF Amplifiers for Diamond Light Source**

Diamond Light Source Ltd

F03: Contract award notice

Notice identifier: 2023/S 000-033311

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

Published 10 November 2023, 1:19pm

### **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**

9000126 - Six 120 kW 500 MHz Solid State RF Amplifiers for Diamond Light Source

Reference number

9000126

**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. 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.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £0.1

## **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 / 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.2.11) 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 000-023363](#)

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

### **Contract No**

9000126

### **Title**

Six 120 kW 500 MHz Solid State RF Amplifiers

A contract/lot is awarded: Yes

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

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

2 November 2023

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

Number of tenders received: 5

Number of tenders received from SMEs: 4

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

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

Cryoelectra GmbH

Wuppertal

D-42287

Country

Germany

NUTS code

- DE - Germany

Handelsregister Amtsgericht Wuppertal - Germany

HRB 7858

The contractor is an SME

Yes

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

Total value of the contract/lot: 0.1 EUR

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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

Didcot

OX11 0DE

Country

United Kingdom