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Tender

## **UKRI-3605 X-Band Power Amplifier**

UK Research & Innovation

F02: Contract notice

Notice identifier: 2023/S 000-036049

Procurement identifier (OCID): ocds-h6vhtk-042255

Published 7 December 2023, 10:05am

The closing date and time has been changed to:

**26 January 2024, 2:00pm**

See the [change notice](#).

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

UK Research & Innovation

<https://www.ukri.org/>, North Star Avenue

Swindon

SN2 1FL

#### **Contact**

Elizabeth Gage

#### **Email**

[Elizabeth.Gage@ukri.org](mailto:Elizabeth.Gage@ukri.org)

**Telephone**

+44 7563420665

**Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://www.ukri.org/>

**I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**I.3) Communication**

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

<https://ukri.delta-esourcing.com/>

Additional information can be obtained from the above-mentioned address

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

Research

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

UKRI-3605 X-Band Power Amplifier

Reference number

UKRI-3605

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

- 32343000 - Amplifiers

#### **II.1.3) Type of contract**

Supplies

#### **II.1.4) Short description**

The Chilbolton Observatory staff wish to procure a wide bandwidth high power X-band power amplifier as part of the build of the new radar capability.

#### **II.1.5) Estimated total value**

Value excluding VAT: £800,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

Main site or place of performance

UNITED KINGDOM

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

The Chilbolton Observatory operate a 25m diameter antenna as part of an S-band satellite tracking radar. The observatory wishes to upgrade the radar by adding an X-band capability for satellite imaging. The imaging of satellites requires a very wide bandwidth signals to be transmitted in order to obtain sufficient resolution in the images that the system will generate. The X-Band feed will be located in a cassegrain feed tower in the centre of the dish along with all of the front end components for the radar which includes the power amplifier. The location of the power amplifier within the feed tower places requirements on the maximum physical size that can be accommodated. The mass of the power amplifier is a concern for the design of the feed tower as we need to limit the flexing in the structure under gravity as the antenna tips from zenith to the horizon. As the power amplifier is to be located in a remote and difficult to access location remote operation and status monitoring of the power amplifier is required.

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **II.2.6) Estimated value**

Value excluding VAT: £800,000

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

Duration in months

10

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

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

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

Originally published as:

Date

19 January 2024

Local time

2:00pm

Changed to:

Date

26 January 2024

Local time

2:00pm

See the [change notice](#).

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

English

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

Date

19 January 2024

Local time

3:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic invoicing will be accepted

Electronic payment will be used

### **VI.3) Additional information**

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://ukri.delta-esourcing.com/tenders/UK-UK-Swindon:-Amplifiers./H6AQTUT3RE>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/H6AQTUT3RE>

GO Reference: GO-2023127-PRO-24711682

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

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

UK Research and Innovation

Polaris House, North Star Avenue

Swindon

SN2 1FL

Country

United Kingdom

