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Contract

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

UK Research & Innovation

F03: Contract award notice

Notice identifier: 2024/S 000-014490

Procurement identifier (OCID): ocids-h6vhtk-042255

Published 7 May 2024, 12:05pm

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

This contract is divided into lots: No

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

Value excluding VAT: £754,203.5

### **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**

Quality criterion - Name: Quality / Weighting: 80

Cost criterion - Name: Price / Weighting: 20

### **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 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: [2024/S 000-002095](#)

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

A contract/lot is awarded: Yes

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

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

20 February 2024

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

Number of tenders received: 2

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

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

Quarterwave Corporation

1500 Valley House Drive, Ste. 100

Rohnert Park

94928

Telephone

+70 77939105

Country

United States

NUTS code

- US - United States

National registration number

N/A

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £754,203.5

Total value of the contract/lot: £754,203.5

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## **Section VI. Complementary information**

### **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.

The term and conditions relating to this purchase are provided in the Contract, which matches the Contract number cited in the narrative to this Purchase Order and are specific to this Contract. Where the Contract number is not so cited, then our standard terms and conditions will apply which are available at :- <https://www.ukri.org/wp-content/uploads/2023/01/UKRI-090123-ProcurementContractData-2658-December2022.pdf>

To view this notice, please click here:

<https://ukri.delta-esourcing.com/delta/viewNotice.html?noticeId=860146840>

GO Reference: GO-202457-PRO-25971777

### **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