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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): ocds-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

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

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

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](#)

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

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