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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): ocids-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

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

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

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

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

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

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Swindon

SN2 1FL

Country

United Kingdom