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Tender

## **UKRI-3968 Fast AWG ( Arbitrary Waveform Generator)**

UK Research & Innovation

F02: Contract notice

Notice identifier: 2024/S 000-013022

Procurement identifier (OCID): ocds-h6vhtk-045429

Published 22 April 2024, 4:05pm

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

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

UK Research & Innovation

UK Research & Innovation, Polaris House

Swindon

SN2 1FL

#### **Email**

[Solomon.Nwosu@ukri.org](mailto:Solomon.Nwosu@ukri.org)

#### **Telephone**

+44 7394204018

#### **Country**

United Kingdom

**Region code**

UKK14 - Swindon

**Internet address(es)**

Main address

[www.ukri.org](http://www.ukri.org)

Buyer's address

[www.ukri.org](http://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-3968 Fast AWG ( Arbitrary Waveform Generator)

Reference number

UKRI-3968

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

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

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

Supplies

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

The Chilbolton observatory operates is developing a wide band radar to operate between 8GHz and 12GHz. The plan is to use a linear FM chirp which may need to be modified to include notches in the frequency range or corrections for artifacts caused by the transmitter such as amplitude variations or group delay variation. Thus we are seeking a fast Arbitrary Waveform Generator (AWG) capable of directly generating signals in the range 8GHz to 12GHz at the output.

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

Value excluding VAT: £135,000

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

This contract is divided into lots: No

## **II.2) Description**

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

NUTS codes

- UKJ14 - Oxfordshire

Main site or place of performance

Oxfordshire

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

The Chilbolton observatory operates is developing a wide band radar to operate between 8GHz and 12GHz. The plan is to use a linear FM chirp which may need to be modified to include notches in the frequency range or corrections for artifacts caused by the transmitter such as amplitude variations or group delay variation. Thus we are seeking a fast Arbitrary Waveform Generator (AWG) capable of directly generating signals in the range 8GHz to 12GHz at the output.

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

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

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

Duration in months

6

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 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**

Date

3 June 2024

Local time

2:00pm

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

English

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

Date

3 June 2024

Local time

2:00pm

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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **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:-Laboratory%2C-optical-and-precision-equipments-%28excl.-glasses%29./PY5677G634>

To respond to this opportunity, please click here:

<https://ukri.delta-esourcing.com/respond/PY5677G634>

GO Reference: GO-2024422-PRO-25827570

### **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