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Tender

## **Arbitrary Waveform Generator**

Prifysgol Bangor / Bangor University

F02: Contract notice

Notice identifier: 2024/S 000-026962

Procurement identifier (OCID): ocds-h6vhtk-047110

Published 23 August 2024, 9:26am

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

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

Prifysgol Bangor / Bangor University

Finance Office, Neuadd Reichel, Ffriddoedd Road

Bangor

LL57 2TR

#### **Email**

[n.h.day@bangor.ac.uk](mailto:n.h.day@bangor.ac.uk)

#### **Telephone**

+44 1248388675

#### **Country**

United Kingdom

#### **NUTS code**

UKL12 - Gwynedd

**Internet address(es)**

Main address

<http://www.bangor.ac.uk>

Buyer's address

[https://www.sell2wales.gov.wales/search/Search\\_AuthProfile.aspx?ID=AA0340](https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0340)

**I.3) Communication**

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

<https://etenderwales.bravosolution.co.uk/home.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://etenderwales.bravosolution.co.uk/home.html>

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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**Section II: Object**

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

**II.1.1) Title**

Arbitrary Waveform Generator

Reference number

BU662024

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

- 31600000 - Electrical equipment and apparatus

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

Supplies

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

The DSP Centre at Bangor University undertakes research in advanced communication techniques in its state-of-the-art research facility, which is partly funded by the North Wales Growth Deal (NWGD) through Ambition North Wales. To further expand our research capabilities, we plan to acquire an additional arbitrary waveform generator, along with set-up support and training.

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

This contract is divided into lots: No

## **II.2) Description**

### **II.2.2) Additional CPV code(s)**

- 38300000 - Measuring instruments

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

NUTS codes

- UKL12 - Gwynedd

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

Equipment is required for the generation of electrical signals with arbitrary waveforms defined by a predefined sample file. The generator should support i) 4 channels, ii) a sample rate of at least 120GS/s per channel, iii) a bit resolution of 8-bits, and iv) an analogue bandwidth (3dB) of ~40GHz.

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

Quality criterion - Name: Instrumentation Hardware and Software / Weighting: 25%

Quality criterion - Name: Technical Support, Resources, Warranty & Calibration /

Weighting: 10%

Quality criterion - Name: Added Value and Sustainability / Weighting: 10%

Quality criterion - Name: Social Value / Weighting: 15%

Price - Weighting: 40%

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

Duration in months

12

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: Yes

Description of options

Bangor University reserves the right to purchase optional items, associated consumables and/or services (e.g. warranties/extended warranties, calibration) at a later date.

### **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.2.1) Previous publication concerning this procedure**

Notice number: [2024/S 000-018879](#)

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

Date

23 September 2024

Local time

12:00pm

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 4 (from the date stated for receipt of tender)

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

Date

23 September 2024

Local time

12:00pm

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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 ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

NOTE: The authority is using eTenderwales to carry out this procurement process. To obtain further information record your interest on Sell2Wales at [https://www.sell2wales.gov.wales/search/search\\_switch.aspx?ID=142770](https://www.sell2wales.gov.wales/search/search_switch.aspx?ID=142770)

Under the terms of this contract the successful supplier(s) will be required to deliver Community Benefits in support of the authority's economic and social objectives. Accordingly, contract performance conditions may relate in particular to social and environmental considerations. The Community Benefits included in this contract are:

Bidders will be required to respond to selected Social Value Themes, Outcomes and Measures. Further details are provided within the tender documents.

(WA Ref:142770)

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

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

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom