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Tender

## **Microwave Test Equipment and Optical Equipment**

Prifysgol Bangor / Bangor University

F02: Contract notice

Notice identifier: 2021/S 000-023924

Procurement identifier (OCID): ocds-h6vhtk-02d316

Published 27 September 2021, 12:05pm

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

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

Prifysgol Bangor / Bangor University

Finance Office, Cae Derwen, College Road

Bangor

LL57 2DG

#### **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>

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<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**

Microwave Test Equipment and Optical Equipment

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

- 38300000 - Measuring instruments

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

Supplies

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

Bangor University's Digital Signal Processing (DSP) Centre of Excellence is a 6M GBP research centre undertaking highly specialised research into the application of DSP in digital communication systems such as 5G and beyond networks and ecosystems. The DSP Centre has now received ~3M GBP in funding support from the North Wales Growth Deal. The DSP Centre requires specialised microwave and optical test equipment to significantly expand their lab capacity and capabilities by procuring high performance, high bandwidth, test equipment for both the generation and analysis of microwave and optical signals.

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

This contract is divided into lots: Yes

Tenders may be submitted for all lots

The contracting authority reserves the right to award contracts combining the following lots or groups of lots:

Any combination of lots.

## **II.2) Description**

### **II.2.1) Title**

Arbitrary waveform generator 65GS/s with synchronisation function

Lot No

1

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

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

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Arbitrary waveform generator 65GS/s with synchronisation function. Further details and specification available within tender documents.

### **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

12

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Real-Time Oscilloscope 40GHz - 2 channels

Lot No

2

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

- 38342000 - Oscilloscopes

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Real-Time Oscilloscope 40GHz - 2 channels. Further details and specification available within tender documents.

### **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

12

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Real-Time Oscilloscope 40GHz - 4 channels

Lot No

3

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

- 38342000 - Oscilloscopes

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Real-Time Oscilloscope 40GHz - 4 channels. Further details and specification available within tender documents.

### **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

12

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Real-Time Oscilloscope 60GHz - 2 channels

Lot No

4

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

- 38342000 - Oscilloscopes

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Real-Time Oscilloscope 60GHz - 2 channels. Further details and specification available within the tender documents.

### **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

12

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Arbitrary Waveform Generator 12 GS/s

Lot No

5

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

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

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Arbitrary Waveform Generator 12GS/s. Further details and specification available within tender documents.

### **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

12

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Real-Time Oscilloscope 6GHz - 2 channels

Lot No

6

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

- 38342000 - Oscilloscopes

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Real-Time Oscilloscope 6GHz - 2 channels. Further details and specification available within tender documents.

#### **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

12

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: Yes

#### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

### **II.2) Description**

#### **II.2.1) Title**

Optical Coherent Modulation Transmitter

Lot No

7

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

- 38636000 - Specialist optical instruments

**II.2.3) Place of performance**

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Optical Coherent Modulation Transmitter. Further details and specification available within tender documents.

**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

12

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: Yes

**II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Optical Coherent Modulation Receiver

Lot No

8

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

- 38600000 - Optical instruments

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Optical Coherent Modulation Receiver. Further details and specification available within tender documents.

### **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

12

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

## **II.2) Description**

### **II.2.1) Title**

Continuously Tuneable C and L Band Laser

Lot No

9

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

- 38636100 - Lasers

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

NUTS codes

- UKL12 - Gwynedd

Main site or place of performance

Bangor University

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

Continuously Tuneable C and L Band Laser. Further details and specification available within tender documents.

#### **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

12

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: Yes

#### **II.2.11) Information about options**

Options: Yes

Description of options

Bangor University reserves the right to purchase optional items (as detailed in the specification), associated consumables and/or services (e.g. 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

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

Social Value criteria will be applied to this contract. Further details are available within the tender 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: [2021/S 000-019367](#)

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

Date

15 October 2021

Local time

12:00pm

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

English, Welsh

#### **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

15 October 2021

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 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=112711](https://www.sell2wales.gov.wales/search/search_switch.aspx?ID=112711)

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:

linked to the Wellbeing for Future Generations Act and the Welsh TOMs. Further information is available in the procurement documentation.

(WA Ref:112711)

### **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