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Contract

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

Prifysgol Bangor / Bangor University

F03: Contract award notice

Notice identifier: 2022/S 000-004260

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

Published 15 February 2022, 11:34am

### **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.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

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £1,208,564.68

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

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

Arbitrary waveform generator 65GS/s with synchronisation function

Lot No

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

#### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

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

10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

### **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.

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

Quality criterion - Name: Highly Desirable Requirements / Weighting: 25

Quality criterion - Name: Technical Support, Delivery, Warranty & Calibration / Weighting: 10

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

Quality criterion - Name: Community Benefits / Social Value / Weighting: 15

Price - Weighting: 40

#### **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 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 000-023924](#)

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## **Section V. Award of contract**

### **Lot No**

1

### **Title**

Arbitrary waveform generator 65GS/s with synchronisation function

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £101,825.11



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## **Section V. Award of contract**

### **Lot No**

2

### **Title**

Real-Time Oscilloscope 40GHz - 2 channels

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £213,354.70

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### **Section V. Award of contract**

#### **Lot No**

3

#### **Title**

Real-Time Oscilloscope 40GHz - 4 channels

A contract/lot is awarded: Yes

#### **V.2) Award of contract**

##### **V.2.1) Date of conclusion of the contract**

11 February 2022

##### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £229,271.10

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## **Section V. Award of contract**

### **Lot No**

4

### **Title**

Real-Time Oscilloscope 60GHz - 2 channels

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £325,940.01

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## **Section V. Award of contract**

### **Lot No**

5

### **Title**

Arbitrary Waveform Generator 12 GS/s

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £54,132.03

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## **Section V. Award of contract**

### **Lot No**

6

### **Title**

Real-Time Oscilloscope 6GHz - 2 channels

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £41,261.46

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### **Section V. Award of contract**

#### **Lot No**

8

#### **Title**

Optical Coherent Modulation Receiver

A contract/lot is awarded: Yes

#### **V.2) Award of contract**

##### **V.2.1) Date of conclusion of the contract**

11 February 2022

##### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0



Number of tenders received from tenderers from non-EU Member States: 1

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £156,136.97

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## **Section V. Award of contract**

### **Lot No**

9

### **Title**

Continuously Tuneable C and L Band Laser

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 4

Number of tenders received from SMEs: 2

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 3

Number of tenders received by electronic means: 4

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor**

Keysight Technologies UK Ltd

610 WHARFEDALE ROAD, WINNERSH TRIANGLE

WOKINGHAM

RG415TP

Telephone

+44 7765897041

Country

United Kingdom

NUTS code

- UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

The contractor is an SME

No

#### **V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £42,943.30

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## **Section V. Award of contract**

### **Lot No**

7

### **Title**

Optical Coherent Modulation Transmitter

A contract/lot is awarded: Yes

### **V.2) Award of contract**

#### **V.2.1) Date of conclusion of the contract**

11 February 2022

#### **V.2.2) Information about tenders**

Number of tenders received: 1

Number of tenders received from SMEs: 1

Number of tenders received from tenderers from other EU Member States: 1

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor**

ID Photonics GmbH

Anto-Bruckner-str. 6

Neubiberg

85579

Telephone

+49 8920189916

Country

Germany

NUTS code

- DE - Germany

The contractor is an SME

Yes

**V.2.4) Information on value of contract/lot (excluding VAT)**

Total value of the contract/lot: £43,700

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## **Section VI. Complementary information**

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

(WA Ref:118663)

### **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