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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): ocds-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

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

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

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

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.

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

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](#)

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

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

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

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

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

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

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

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

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

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