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Contract

## **Lightwave Vector Network Analyser**

UNIVERSITY OF SOUTHAMPTON

F03: Contract award notice

Notice identifier: 2023/S 000-022749

Procurement identifier (OCID): ocds-h6vhtk-03d386

Published 4 August 2023, 1:45pm

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

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

UNIVERSITY OF SOUTHAMPTON

BUILDING 37, HIGHFIELD CAMPUS, UNIVERSITY ROAD

SOUTHAMPTON

SO171BJ

#### **Contact**

Amy Taylor

#### **Email**

[procurement@soton.ac.uk](mailto:procurement@soton.ac.uk)

#### **Telephone**

+44 2380591656

#### **Country**

United Kingdom

**Region code**

UKJ32 - Southampton

**UK Register of Learning Providers (UKPRN number)**

10007158

**Internet address(es)**

Main address

[www.southampton.ac.uk](http://www.southampton.ac.uk)

**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**

Lightwave Vector Network Analyser

Reference number

2023UoS-0678

**II.1.2) Main CPV code**

- 38434000 - Analysers

**II.1.3) Type of contract**

Supplies

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

This purchase is for an opto-electronic (lightwave) network analyser and is part of a project that aims at establishing an open experimental facility for the UK research community that will enable its users to characterise the bandwidth of their photonic components and circuits up to very high frequencies. The new facility will enable the high speed characterisation of components and circuits that convert electrical signals into optical signals, optical signals into electrical signals as well components that have electrical inputs and outputs or optical inputs and outputs. This allows testing of for example optical modulators, photodetectors, transmitter modules, receiver modules, etc. The frequency range that the equipment will be capable of is such that a deeper understanding of components and circuits will be gained, allowing development of components that can serve future application requirements in optical data communications and beyond.

The equipment will benefit from being situated at the University of Southampton, which has established strong experimental capabilities in areas, such as photonics, communications and the life sciences. Research at the extended cleanroom complex of Southampton's Zepler Institute, a unique facility in UK academia, will benefit from the availability of this equipment, which will enable fabrication and advanced applications research to be intimately connected.

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

This contract is divided into lots: No

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

Value excluding VAT: £732,308.25

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

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

NUTS codes

- UKJ32 - Southampton

Main site or place of performance

Southampton, Hampshire, UK

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

This purchase is for an opto-electronic (lightwave) network analyser and is part of a

project that aims at establishing an open experimental facility for the UK research community that will enable its users to characterise the bandwidth of their photonic components and circuits up to very high frequencies. The new facility will enable the high speed characterisation of components and circuits that convert electrical signals into optical signals, optical signals into electrical signals as well components that have electrical inputs and outputs or optical inputs and outputs. This allows testing of for example optical modulators, photodetectors, transmitter modules, receiver modules, etc. The frequency range that the equipment will be capable of is such that a deeper understanding of components and circuits will be gained, allowing development of components that can serve future application requirements in optical data communications and beyond.

The University conducted a procurement using the Open procedure in accordance with the requirements of the Regulations for the purpose of procuring the goods described in the Specification. The University has entered into a contract for up to 3 years and 4 months with the successful tenderer.

This will comprise of a delivery lead time of up to 4 months followed by a 3 year warranty period. Please note delivery times are estimated. Should the estimated delivery date be exceeded, the contract length will be extended and the 3 year warranty will begin upon delivery and acceptance of the goods. The contract became effective upon signing.

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

Quality criterion - Name: Mandatory Technical Requirements / Weighting: Pass/Fail

Quality criterion - Name: Desirable Technical Requirements / Weighting: 40%

Quality criterion - Name: Training Requirements / Weighting: 20%

Quality criterion - Name: Support and Implementation Requirements / Weighting: 10%

Price - Weighting: 30%

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

Options: No

#### **II.2.14) Additional information**

This contract was NOT suitable for splitting into lots. The risk of dividing the requirement into Lots would render the execution of the contract excessively technically difficult, not cost effective and would undermine the proper execution of the contract.

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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: No

### **IV.2) Administrative information**

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

Notice number: [2023/S 000-015775](#)

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

A contract/lot is awarded: Yes

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

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

4 August 2023

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

Number of tenders received: 1

Number of tenders received from SMEs: 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**

Keysight Technologies UK Ltd

610 Wharfedale Road

London

Country

United Kingdom

NUTS code

- UKI - London

Companies House

03809903

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £732,308.25

Total value of the contract/lot: £732,308.25

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## **Section VI. Complementary information**

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

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

University of Southampton

University Road

Southampton

SO17 1BJ

Email

[procurement@soton.ac.uk](mailto:procurement@soton.ac.uk)

Country

United Kingdom