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Contract

## **Non-Terrestrial Networks & Spectrum Monitoring & Testing**

University of Bristol

F03: Contract award notice

Notice identifier: 2025/S 000-004857

Procurement identifier (OCID): ocds-h6vhtk-04de72

Published 13 February 2025, 9:37am

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

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

University of Bristol

4th Floor, Augustine's Courtyard, Orchard Lane

Bristol

BS1 5DS

#### **Email**

[helen.warren@bristol.ac.uk](mailto:helen.warren@bristol.ac.uk)

#### **Telephone**

+44 01179289000

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.bristol.ac.uk](http://www.bristol.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**

Non-Terrestrial Networks & Spectrum Monitoring & Testing

Reference number

IT-2407-098-PC\_2805

**II.1.2) Main CPV code**

- 32412000 - Communications network

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

The University of Bristol JOINER project has a requirement for Network Monitoring and Testing platforms for use by researchers using the JOINER testbed. Contract's have been awarded via the CCS Spark DPS, as the highest ranked supplier after conducting a mini-competition.

Lot 1 Non-Terrestrial Networks Monitoring & Testing

## Lot 2 – Spectrum Monitoring & Testing Systems

### **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: £7,000,000

## **II.2) Description**

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

Non-Terrestrial Networks Monitoring & Testing

Lot No

1

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

- 32412000 - Communications network

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

NUTS codes

- UKK11 - Bristol, City of

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

The key project objective for Lot 1 is the creation of a sophisticated emulation platform for facilitating the experiment of NTN systems and their integration with their terrestrial counterparts in future network systems like 6G. Representative examples of testing scopes may include, but are not limited to the following:

Mobility management both within NTN and between NTN and terrestrial network (TN) components

Spectrum management between NTN and TN networks

Traffic steering and routing optimisation techniques

Network function disaggregation options and service function chaining solutions

Capabilities of hosting network and application functions by NTN components

Energy efficiency in NTN systems

AI-empowered end-to-end management and orchestration solutions

has context menu

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

Cost criterion - Name: Technical / Weighting: 80

Cost criterion - Name: Commercial / Weighting: 20

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

Options: Yes

Description of options

Future expansion of capability and JOINER expansion. Extension of contract grant funded permitting.

### **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**

Spectrum Monitoring Systems

Lot No

2a

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

- 32412000 - Communications network

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

NUTS codes

- UK - United Kingdom

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

The overall objective of Lots 2 is to create a national research infrastructure to allow researchers to analyse, emulate and enhance the compatibility of large-scale wireless systems which share spectrum in order to inform policymakers, regulators and users of the radio spectrum.

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

Cost criterion - Name: Technical / Weighting: 80

Cost criterion - Name: Commercial / Weighting: 20

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

Options: Yes

Description of options

Future expansion of capability and JOINER expansion. Extension of contract grant funded permitting.

#### **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**

Spectrum Emulation Systems

Lot No

2d

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

- 32412000 - Communications network

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

NUTS codes

- UK - United Kingdom

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

The overall objective of Lots 2 is to create a national research infrastructure to allow researchers to analyse, emulate and enhance the compatibility of large-scale wireless systems which share spectrum in order to inform policymakers, regulators and users of the radio spectrum.

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

Cost criterion - Name: Technical / Weighting: 80

Cost criterion - Name: Commercial / Weighting: 20

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

Options: Yes

Description of options

Future expansion of capability and JOINER expansion. Extension of contract grant funded permitting.

#### **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**

Award of a contract without prior publication of a call for competition in the cases listed below

- No tenders or no suitable tenders/requests to participate in response to restricted procedure

Explanation:

Calling Off RM6094 Spark The Technology Innovation Marketplace DPS Framework

- Lot 1 Non-Terrestrial Networks Monitoring & Testing
- Lot 2a – Spectrum Monitoring Systems
- Lot 2d – Spectrum Emulation Systems

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

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

### **Contract No**

IT-2407-098-PC\_2805

### **Lot No**

Lot 1

### **Title**

Non-Terrestrial Networks Monitoring & Testing

A contract/lot is awarded: Yes

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

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

12 February 2025

**V.2.2) Information about tenders**

Number of tenders received: 3

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

RG41 5TP

Wokingham

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

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

Total value of the contract/lot: £3,000,000

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**Section V. Award of contract**

**Contract No**

IT-2407-098-PC\_2805

**Lot No**

Lot 2a

## **Title**

Spectrum Monitoring Systems

A contract/lot is awarded: Yes

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

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

12 February 2025

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

Number of tenders received: 3

Number of tenders received by electronic means: 3

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

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

CRFS LTD

CB23 7FW

Cambridge

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

Yes

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

Total value of the contract/lot: £2,000,000

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

### **Contract No**

IT-2407-098-PC\_2805

### **Lot No**

Lot 2d

### **Title**

Spectrum Emulation Systems

A contract/lot is awarded: Yes

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

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

19 December 2024

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

Number of tenders received: 2

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

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

National Instruments Corp. U.K. Ltd

RG7 4SA

Reading

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor is an SME

No

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

Total value of the contract/lot: £2,000,000

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**Section VI. Complementary information**

**VI.4) Procedures for review**

**VI.4.1) Review body**

The University of Bristol

Bristol

Country

United Kingdom