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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

#### **Telephone**

+44 01179289000

#### Country

**United Kingdom** 

#### Region code

UK - United Kingdom

#### Internet address(es)

Main address

www.bristol.ac.uk

# 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

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 minicompetition.

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

Al-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

# 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

#### 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

# 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

# **Section VI. Complementary information**

# VI.4) Procedures for review

VI.4.1) Review body

The University of Bristol

Bristol

Country

United Kingdom