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Tender

## **Net Zero Performance Monitoring**

University of Bristol

F02: Contract notice

Notice identifier: 2022/S 000-032489

Procurement identifier (OCID): ocids-h6vhtk-03570c

Published 16 November 2022, 12:36pm

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

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

University of Bristol

4th Floor, Augustine's Courtyard, Orchard Lane

Bristol

BS1 5DS

#### **Email**

[ds14720@bristol.ac.uk](mailto:ds14720@bristol.ac.uk)

#### **Telephone**

+44 01179289000

#### **Country**

United Kingdom

#### **Region code**

UKK11 - Bristol, City of

**Internet address(es)**

Main address

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

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://tenders.bris.ac.uk>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://tenders.bris.ac.uk>

Tenders or requests to participate must be submitted to the above-mentioned address

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://tenders.bris.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**

Net Zero Performance Monitoring

#### **II.1.2) Main CPV code**

- 48000000 - Software package and information systems

#### **II.1.3) Type of contract**

Supplies

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

The University of Bristol is seeking to create a testbed to explore/create solution capabilities aiding in the reduction of data centre carbon footprint. The components included in this procurement must provide insights/visibility of network end-to-end performance/utilisation of the physical and virtual tapped, or spanned interfaces i.e., Including but not limited to physical and virtual interfaces from server to server, server to network and network to network devices.

The end goal will be to provide a solution to view the complete network performance/utilisation of a datacentre; this data will be used in conjunction with a separate power monitoring solution (out of scope of this procurement) enabling the direct correlation/relationship between power consumption and network performance/utilisation, thus aiding knowledge in the journey to NetZero DC (Data Centre).

The system will be utilised in a testbed environment within an idealised Datacentre, as such we are not looking for full DC coverage, just enough to perform the necessary testing to gather required data. However, the solution should be scalable to allow for potential later usage in the live DC following its use within the test facility.

Our requirements are broken down into three categories: -

- Network Packet Broker (NPB) and Taps
- Collection, Storage and Analysis of data from the NPB and Taps
- Generate real world user traffic for KPI analysis

We are seeking a solution to meet all requirements.

**II.1.5) Estimated total value**

Value excluding VAT: £350,000

**II.1.6) Information about lots**

This contract is divided into lots: No

**II.2) Description**

**II.2.3) Place of performance**

NUTS codes

- UKK11 - Bristol, City of

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

As above.

**II.2.5) Award criteria**

Price is not the only award criterion and all criteria are stated only in the procurement documents

**II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Duration in months

14

This contract is subject to renewal

No

**II.2.10) Information about variants**

Variants will be accepted: No

**II.2.11) Information about options**

Options: No

**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.2.14) Additional information**

Please register on the University of Bristol portal (<https://tenders.bris.ac.uk/>) and then search for ITT number 1176 'Net Zero Performance Monitoring'

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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: [2022/S 000-020668](#)

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

16 December 2022

Local time

4:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

16 December 2022

Local time

4:00pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

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

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

University of Bristol

Bristol

Country

United Kingdom