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Tender

Net Zero Performance Monitoring

University of Bristol

F02: Contract notice

Notice identifier: 2022/S 000-032489

Procurement identifier (OCID): ocds-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

Telephone

+44 01179289000

Country

United Kingdom

Region code

UKK11 - Bristol, City of

Internet address(es)

Main address

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

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'

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

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