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Tender

## **Reality Emulator Integrator Competitive Dialogue**

University of Bristol

F02: Contract notice

Notice identifier: 2021/S 000-030744

Procurement identifier (OCID): ocds-h6vhtk-02c5e6

Published 9 December 2021, 10:45pm

### **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

#### **NUTS code**

UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

**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

**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**

Reality Emulator Integrator Competitive Dialogue

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

- 72000000 - IT services: consulting, software development, Internet and support

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

Services

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

This procurement exercise is seeking an Integrator provide a system as part of the Reality Emulator development.

Please note that prospective suppliers will need to sign an Non Disclosure Agreement for full access to all procurement documentation.

#### **II.1.5) Estimated total value**

Value excluding VAT: £3,800,000

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

This contract is divided into lots: No

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

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

- 30200000 - Computer equipment and supplies
- 48000000 - Software package and information systems

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

NUTS codes

- UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

Main site or place of performance

Bristol

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

The University of Bristol's Bristol Digital Futures Institute (BDFI) is creating the Reality Emulator (RE): a unique coordinated physical and virtual environment providing the capability to study complex technical and sociotechnical systems at different scales, in different contexts, and at different stages. A key requirement of the RE is the use of diverse datasets generated in real-time, over time, historically and at scale, that can be emulated, integrated and synthetically scaled to provide conditions for prospective research on digital innovation and intervention.

The core functions connected with the RE are thus:

- Data collection, transfer/integration, processing, and storage
- Virtual Production Digital Model development/training and execution
- Interactive and immersive representation of model outputs and other data.

The Reality Emulator will be provided by 2 supply partners - the Integrator and the Immersive.

This exercise is seeking to procure the Integrator supplier who will deliver the following platforms as part of their system:

- Management, Monitoring and Integration
- High Performance Network
- Software Defined Data Centre
- Data Services

The Immersive supplier will provide the immersive platform which will be procured at a later date via a separate competition.

This is a highly complex, unique and cutting edge opportunity; full details are available within the University's procurement portal.

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

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

documents

**II.2.6) Estimated value**

Value excluding VAT: £3,800,000

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

Duration in months

24

This contract is subject to renewal

Yes

Description of renewals

2 x 12 Month Options to Extend

**II.2.10) Information about variants**

Variants will be accepted: No

**II.2.11) Information about options**

Options: Yes

Description of options

2 x 12 Month Options to extend

**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 III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Competitive dialogue

#### **IV.1.4) Information about reduction of the number of solutions or tenders during negotiation or dialogue**

Recourse to staged procedure to gradually reduce the number of solutions to be discussed or tenders to be negotiated

#### **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: [2021/S 000-015988](#)

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

Date

19 January 2022

Local time

1:00pm

**IV.2.3) Estimated date of dispatch of invitations to tender or to participate to selected candidates**

15 April 2022

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

English

**IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

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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