

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/030744-2021>

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

Telephone

+44 01179289000

Country

United Kingdom

NUTS code

UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

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

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

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

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)

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