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Tender

## **Scanning Solution for Studio Ulster**

University of Ulster

F02: Contract notice

Notice identifier: 2024/S 000-034384

Procurement identifier (OCID): ocds-h6vhtk-04b0b9

Published 23 October 2024, 5:39pm

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

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

University of Ulster

Block X Room X031, Cromore Road

Coleraine

BT52 1SA

#### **Email**

[a.todd@ulster.ac.uk](mailto:a.todd@ulster.ac.uk)

#### **Telephone**

+44 2870124515

#### **Country**

United Kingdom

**Region code**

UKN0 - Northern Ireland

**Internet address(es)**

Main address

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

**I.3) Communication**

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

<https://e-sourcingni.bravosolution.co.uk/web/login.shtml>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://e-sourcingni.bravosolution.co.uk/web/login.shtml>

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://e-sourcingni.bravosolution.co.uk/web/login.shtml>

**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**

Scanning Solution for Studio Ulster

Reference number

project\_28418

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

- 32000000 - Radio, television, communication, telecommunication and related equipment

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

Supplies

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

Studio Ulster wish to acquire a highly specialised, bespoke and high-fidelity combined 3D and 4D volumetric scanning solution for their state-of-the-art virtual production studio complex located at Belfast Harbour Studios in Northern Ireland. This system will be one of the most advanced currently available on the market for use in AAA gaming production, animation at scale, VFX at the highest levels of international film production and research purposes.

Comprising two integrated systems one for high-fidelity 3D image acquisition using a large geodesic dome circa 2.3m high. Large enough to cover full body scanning. The second integrated system should include 4D volumetric capture. Lighting should be integrated and synchronised with camera operations for both. The dome should offer a significant number of mounting points for lighting, and cameras and offer integrated power distribution with camera trigger technology. The 4D system should also support high frame rates of 120 FPS or higher. The lighting set-up must allow for the directional polarised lighting states to aid in the recovery of photogrammatic information. The system must also allow for the separation of speculative and diffuse information.

The system controller and customisable API must be able to trigger multiple cameras simultaneously with the lighting to facilitate accurate captures. The system must also be able to capture 3D data during a 4D capture.

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

Value excluding VAT: £1,400,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 32560000 - Fibre-optic materials
- 32570000 - Communications equipment
- 32580000 - Data equipment
- 38651100 - Camera lenses
- 38651200 - Camera bodies
- 38651300 - Cameras for preparing printing plates or cylinders
- 38651400 - Instant print cameras
- 38651500 - Cinematographic cameras
- 38651600 - Digital cameras
- 38653400 - Projection screens
- 38810000 - Industrial process control equipment
- 48318000 - Scanner software package
- 48332000 - Scheduling software package

- 48520000 - Multimedia software package
- 48770000 - General, compression and print utility software package
- 50340000 - Repair and maintenance services of audio-visual and optical equipment
- 51610000 - Installation services of computers and information-processing equipment

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

NUTS codes

- UKN0 - Northern Ireland

Main site or place of performance

North Foreshore Film Studios, Giant's Park, Belfast

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

Studio Ulster wish to acquire a highly specialised, bespoke and high-fidelity combined 3D and 4D volumetric scanning solution for their state-of-the-art virtual production studio complex located at Belfast Harbour Studios in Northern Ireland. This system will be one of the most advanced currently available on the market for use in AAA gaming production, animation at scale, VFX at the highest levels of international film production and research purposes.

Comprising two integrated systems one for high-fidelity 3D image acquisition using a large geodesic dome circa 2.3m high. Large enough to cover full body scanning. The second integrated system should include 4D volumetric capture. Lighting should be integrated and synchronised with camera operations for both. The dome should offer a significant number of mounting points for lighting, and cameras and offer integrated power distribution with camera trigger technology. The 4D system should also support high frame rates of 120 FPS or higher. The lighting set-up must allow for the directional polarised lighting states to aid in the recovery of photogrammatic information. The system must also allow for the separation of speculative and diffuse information.

The system controller and customisable API must be able to trigger multiple cameras

simultaneously with the lighting to facilitate accurate captures. The system must also be able to capture 3D data during a 4D capture.

### **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: £1,400,000

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

End date

31 January 2025

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

### **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

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

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

#### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

As stated in the procurement documents.

#### **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**

Open procedure

#### **IV.1.8) Information about the Government Procurement Agreement (GPA)**

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

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

Date

25 November 2024

Local time

3:00pm

#### **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: 9 (from the date stated for receipt of tender)

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

Date

25 November 2024

Local time

3:00pm



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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**

High Court of Justice in Northern Ireland

Royal Courts of Justice, Chichester Street

Belfast

BT1 3JY

Country

United Kingdom

#### **VI.4.3) Review procedure**

Precise information on deadline(s) for review procedures

Ulster University will incorporate a standstill period at the point information on the award of the contract is communicated to tenderers. The standstill period, which will be for a minimum of 10 calendar days, provides time for unsuccessful tenderers to challenge the award decision before the contract is entered into. The Public Contracts Regulations 2015 (as amended) provide for aggrieved parties who have been harmed or are at risk of harm by a breach of the rules to take action in the High Court (Northern Ireland).