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Tender

## **1920-60-RIS-LW - ERDF Funded - Invitation to Tender for 3D Surface Scanner**

Sheffield Hallam University

F02: Contract notice

Notice identifier: 2021/S 000-003335

Procurement identifier (OCID): ocds-h6vhtk-02946f

Published 19 February 2021, 11:31am

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

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

Sheffield Hallam University

City Campus, Howard Street

SHEFFIELD

S11WB

#### **Contact**

Procurement Team

#### **Email**

[strategicprocurement@shu.ac.uk](mailto:strategicprocurement@shu.ac.uk)

#### **Telephone**

+44 1142255555

#### **Country**

United Kingdom

**NUTS code**

UKE32 - Sheffield

**Internet address(es)**

Main address

<https://www.shu.ac.uk>

**I.3) Communication**

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

[www.in-tendhost.co.uk/sheffieldhallamuniversity](http://www.in-tendhost.co.uk/sheffieldhallamuniversity)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[www.in-tendhost.co.uk/sheffieldhallamuniversity](http://www.in-tendhost.co.uk/sheffieldhallamuniversity)

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

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

1920-60-RIS-LW - ERDF Funded - Invitation to Tender for 3D Surface Scanner

Reference number

1920-60-RIS-LW

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

- 33100000 - Medical equipments

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

Supplies

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

Sheffield Hallam University has been awarded substantial funding by the European Regional Development Fund to create the Sheffield Testing Imaging and Characterisation Centre. Sheffield Hallam University requires a 3D surface scanning system designed specifically for surface guided radiotherapy (SGRT) for the College of Health, Wellbeing and Life Sciences (HWLS). The equipment will be used within the Allied Health Department specifically within the Radiotherapy and Oncology team which is one of the largest providers of Radiotherapy and Oncology education in the UK. The project is receiving funding from the England European Regional Development Fund as part of the European Structural and Investment Funds Growth Programme 2014-2020. The Ministry of Housing, Communities and Local Government (and in London the intermediate body Greater London Authority) is the Managing Authority for European Regional Development Fund.

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

Value excluding VAT: £250,000

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

This contract is divided into lots: No

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

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

- 33190000 - Miscellaneous medical devices and products

## II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

Sheffield

## II.2.4) Description of the procurement

The project is receiving funding from the England European Regional Development Fund as part of the European Structural and Investment Funds Growth Programme 2014-2020. The Ministry of Housing, Communities and Local Government (and in London the intermediate body Greater London Authority) is the Managing Authority for European Regional Development Fund. Established by the European Union, the European Regional Development Fund helps local areas stimulate their economic development by investing in

projects which will support innovation, businesses, create jobs and local community regenerations. For more information visit <https://www.gov.uk/european-growth-funding>

The Northern Powerhouse is a key aspect of this Government's approach to addressing the productivity gap in the North and ensuring a stronger, more sustainable economy for all parts of the UK. Alongside over EUR 1.5 billion of European Regional Development Fund support for businesses and communities across the North, the government has awarded £3.4 billion in three rounds of Growth Deals across the Northern Powerhouse.

The equipment will be used to support research, undergraduate training, continuing professional development of qualified therapeutic radiographers and contract activity for local clinical services (private and NHS) for patients suffering from trunk lymphoedema following treatment for breast cancer. The 3D surface scanner will have the capability to track and quantify changes in body (size and shape). It will be able to be utilized by health agencies and local private sector providers, small private physiotherapy clinics, weight loss services, medical device manufacturers and private healthcare radiotherapy centres for

research and development. The benefits/likely outcomes are: 'Image guided therapy' to provide an improved more efficient product and/or service.

The medium to longer term objectives, year 2 onwards, include work with business and academic partners to as well as companies such as Panache Lingerie in Sheffield who we already partner with or clinical services such as the lymphiedema clinics, radiotherapy equipment specialists.

- develop new materials, products and components: improve existing products and processes; and increase performance and market opportunities for companies through improved product life, longevity, durability, usability and/or enhanced functionality. For example, the creation of more sustainable materials through the use of conductive material or ability to function in extreme environments;
- Increase competitiveness of UK and SCR companies in priority sectors, including manufacturing, health care technologies and devices;
- increase the number of small and medium sized enterprises engaged in knowledge exchange and collaboration;
- improve the commercialisation and market entry of new or enhanced products or services including by small and medium sized enterprises;
- increase investment in research and innovation, including by small and medium sized enterprises.

The equipment is supporting the research activity of two research projects; The SuPPOrt 4 All study and The Respire study. In addition, the equipment will support teaching relating to radiotherapy set up verification, simulated practice of patient positioning. This tender is for a 3D surface scanner system specifically for radiotherapy positioning and set-up and the required environment for the scanner in 1 specialist room based that will also contain a linear accelerator (linac) bed and wall and ceiling mounted positional lasers at the University; the linac bed and positional lasers are not part of this tender.

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

Quality criterion - Name: Ability to meet essential technical requireme / Weighting: Pass/Fail

Quality criterion - Name: Ability to meet desirable technical requirements / Weighting: 15%

Quality criterion - Name: Accuracy of the system / Weighting: 8%

Quality criterion - Name: Tattoo/Mark-less treatment delivery / Weighting: 7%

Quality criterion - Name: Tattoo/Mark-less treatment delivery / Weighting: 7%

Quality criterion - Name: 4D CT- free breathing and gated and breath hold therapy for Thoracic tumours / Weighting: 3%

Quality criterion - Name: Intracranial Stereotactic Radiotherapy (SRS/SRT) / Weighting: 3%

Quality criterion - Name: Head & Neck RT / Weighting: 4%

Quality criterion - Name: SBRT / Weighting: 3%

Quality criterion - Name: Installation, Commissioning, Training and ongoing QA tests / Weighting: 5%

Quality criterion - Name: Usability, Operation and System Configuration / Weighting: 4%

Quality criterion - Name: Build Quality and Life Expectancy / Weighting: 4%

Quality criterion - Name: System Development and Software Functionality / Weighting: 3%

Quality criterion - Name: Software Provision and Support / Weighting: 2%

Quality criterion - Name: Cost and Impact of ownership (Social Value) / Weighting: 3%

Quality criterion - Name: Delivery / Weighting: For Information Only

Quality criterion - Name: Warranty and Maintenance / Weighting: 4%

Quality criterion - Name: Software Security and Maintenance / Weighting: 3%

Quality criterion - Name: Student Opportunities (Social Value) / Weighting: 2%

Quality criterion - Name: Site Preparation / Weighting: For Information Only

Price - Weighting: 20%

#### **II.2.6) Estimated value**

Value excluding VAT: £250,000

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

Duration in months

36

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.2.14) Additional information**

Identification of the project:

Identification of the project: Project Name - SHU Testing, Imaging and Characterisation Centre for Innovation

Project unique identifier - 28R19P03971 Grant recipient - Sheffield Hallam University European Structural and

Investment Funds Investment Priority Axis 1: Promoting Research and Innovation OC28R19P 0936.

The project is receiving funding from the England European Regional Development Fund as Part of the European Structural and Investment Funds Growth Programme 2014-2020. The Ministry of Housing, Communities and Local Government (and in London the intermediate body Greater London Authority) is the Managing Authority for European Regional Development Fund.

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

Date

26 March 2021

Local time

10:00am

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

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

Date

26 March 2021

Local time

10:01am



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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

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

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

Sheffield Hallam University

Oneleven building

Sheffield

S11WB

Email

[strategicprocurement@shu.ac.uk](mailto:strategicprocurement@shu.ac.uk)

Country

United Kingdom