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Award

## **Contract for the Upgrade of an existing Ren500M to a RenAM 500S-Flex Additive Manufacturing System**

UNIVERSITY OF BIRMINGHAM

F15: Voluntary ex ante transparency notice

Notice identifier: 2022/S 000-011146

Procurement identifier (OCID): ocids-h6vhtk-033227

Published 29 April 2022, 1:55pm

### **Section I: Contracting authority/entity**

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

UNIVERSITY OF BIRMINGHAM

Chancellors Close

BIRMINGHAM

B152TT

#### **Contact**

Susanna Ting

#### **Email**

[s.y.ting@bham.ac.uk](mailto:s.y.ting@bham.ac.uk)

#### **Country**

United Kingdom

#### **Region code**

UKG31 - Birmingham

**Internet address(es)**

Main address

<http://www.birmingham.ac.uk/index.aspx>

**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**

Contract for the Upgrade of an existing Ren500M to a RenAM 500S-Flex Additive Manufacturing System

Reference number

SC10660/22

**II.1.2) Main CPV code**

- 42991200 - Printing machinery

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

Contract for the Upgrade of an existing Ren500M to a RenAM 500S-Flex Additive Manufacturing System

**II.1.6) Information about lots**

This contract is divided into lots: No

**II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £200,000

**II.2) Description**

**II.2.3) Place of performance**

NUTS codes

- UKG31 - Birmingham

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

Supply of REN-AM 500S Flex plus accessories to replace an existing Ren500M.

**II.2.11) Information about options**

Options: No

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## **Section IV. Procedure**

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

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

Award of a contract without prior publication of a call for competition in the cases listed below

- The procurement falls outside the scope of application of the regulations

Explanation:

The University of Birmingham Centre seeks to optimize the design of additively manufactured metal implants for improved patient outcomes. The RenAM 500S system is an upgrade for our Centre due to its automated safe powder handling and double filtering systems. These features will offer significant benefits in standardisation and a controlled environment when conducting comparative scientific analysis on different geometrical designs, metal alloy systems, thus providing a greater level of confidence in experimental data. Furthermore, the compatibility of the system with the MeltVIEW in-situ process monitoring offers unique benefits in helping understand how input parameters shall affect key performance criteria. Lastly, the system is compatible for a reduced build volume unit allowing use of smaller amounts of different powders, this will support the University in continuing state of the art research in a number of application areas.

Renishaw will continue to provide QuantAM build preparation software, for which they own the IP rights. It is crucial to research progress that we continue with the same build software to enable accurate comparisons between existing data and that which shall be generated on the upgraded 500S system. Furthermore, continuing to use the QuantAM software will enable to ensure that evidence we have collected so far around quality assurance will be enable going forward with the upgraded system, saving substantial time and consumables.

University of Birmingham is currently working closely with Renishaw PLC to actively grow this relationship, moving towards a strategic partnership that stretches across multiple research groups and areas of expertise. Renishaw, with their continued support, is working with the University of Birmingham to achieve ISO 13485 standards for our production facility to enable implants designed and manufactured at the University to go into clinical use under the appropriate circumstances.

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

The procurement is covered by the Government Procurement Agreement: Yes

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## **Section V. Award of contract/concession**

A contract/lot is awarded: Yes

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract**

29 April 2022

#### **V.2.2) Information about tenders**

The contract has been awarded to a group of economic operators: No

#### **V.2.3) Name and address of the contractor/concessionaire**

Renishaw UK Sales Ltd

Gloucestershire

GL12 8SP

Country

United Kingdom

NUTS code

- UKK1 - Gloucestershire, Wiltshire and Bristol/Bath area

The contractor/concessionaire is an SME

No

#### **V.2.4) Information on value of contract/lot/concession (excluding VAT)**

Initial estimated total value of the contract/lot/concession: £200,000

Total value of the contract/lot/concession: £200,000

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## **Section VI. Complementary information**

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

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

University of Birmingham

Birmingham

B15 2TT

Country

United Kingdom