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Tender

## **Leasing of a Laser Powder Bed Fusion 3D Metal Printer**

UNIVERSITY OF SOUTHAMPTON

F02: Contract notice

Notice identifier: 2024/S 000-031804

Procurement identifier (OCID): ocds-h6vhtk-04a5b1

Published 4 October 2024, 8:51am

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

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

UNIVERSITY OF SOUTHAMPTON

HIGHFIELD CAMPUS, UNIVERSITY ROAD

SOUTHAMPTON

SO171BJ

#### **Contact**

Morgan Hughes

#### **Email**

[procurement@soton.ac.uk](mailto:procurement@soton.ac.uk)

#### **Telephone**

+44 2380595000

**Country**

United Kingdom

**Region code**

UKJ32 - Southampton

**UK Register of Learning Providers (UKPRN number)**

10007185

**Internet address(es)**

Main address

<http://www.southampton.ac.uk>

Buyer's address

<https://in-tendhost.co.uk/universityofsouthampton.aspx/Home>

**I.3) Communication**

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

<https://in-tendhost.co.uk/universityofsouthampton.aspx/Home>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://in-tendhost.co.uk/universityofsouthampton.aspx/Home>

**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**

Leasing of a Laser Powder Bed Fusion 3D Metal Printer

Reference number

2024UoS-1440

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

- 42630000 - Metal-working machine tools

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

Supplies

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

The School of Engineering wants to lease a Laser Powder Bed Fusion 3D Metal Printer for a fixed term of 3 years with the option to extend for up to an additional 2 years.

The metal printer will support world-leading research utilising new materials and printing methods and extend the capability of the 2D and 3D printing currently undertaken within the School.

Applications for metal printing can be found in aerospace, defence, automotive, healthcare, and many other industries and will lead to revolutionary new medical, electronic, mechanical, optical, acoustic, heat transfer, and sensing devices being designed and manufactured.

This is due to the many advantages, including design flexibility, product customisation, and minimisation of material waste, that printing offers over subtractive manufacturing.

The use of Additive Manufacturing (AM) means that geometries are no longer constrained to the limited base stock that components are traditionally machined from.

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

Value excluding VAT: £500,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 30232100 - Printers and plotters
- 31600000 - Electrical equipment and apparatus
- 42610000 - Machine tools operated by laser and machining centres

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

NUTS codes

- UKJ32 - Southampton

Main site or place of performance

Southampton, Hampshire, England

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

The School of Engineering wants to lease a Laser Powder Bed Fusion 3D Metal Printer for a fixed term of 3 years with the option to extend for up to an additional 2 years.

The metal printer will support world-leading research utilising new materials and printing methods and extend the capability of the 2D and 3D printing currently undertaken within the School.

Applications for metal printing can be found in aerospace, defence, automotive, healthcare, and many other industries and will lead to revolutionary new medical, electronic, mechanical, optical, acoustic, heat transfer, and sensing devices being designed and manufactured.

This is due to the many advantages, including design flexibility, product customisation, and minimisation of material waste, that printing offers over subtractive manufacturing.

The use of Additive Manufacturing (AM) means that geometries are no longer constrained to the limited base stock that components are traditionally machined from.

The University is conducting this procurement using the Open Procedure in accordance with the requirements of the Regulations for the purpose of procuring the goods described in the Specification.

The University proposes to enter into a Contract for 5 years and 6 months - this will be the maximum contract period.

This will comprise of an initial contract period of 3 years and 6 months for the provision of the equipment and the initial 3 years lease term, with an optional extension period of two years additional leasing.

The contract will be effective upon signing. The 3 year initial lease term will run from the date of acceptance of the equipment.

The estimated value of the contract is £500,000.00 excluding VAT. This will be the maximum contract value for the full contract period including any extension periods. This value includes all related components, services and maintenance for the contract period.

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

Quality criterion - Name: Mandatory Technical Requirements / Weighting: Pass/Fail

Quality criterion - Name: Highly Desirable Technical Requirements / Weighting: Overall Weighting - 50.00%

Quality criterion - Name: Highly Desirable Technical - Section 1 - Material Requirements / Weighting: 5.00%

Quality criterion - Name: Highly Desirable Technical - Section 2 - Equipment Requirements / Weighting: 15.00%

Quality criterion - Name: Highly Desirable Technical - Section 3 - Training Requirements / Weighting: 5.00%

Quality criterion - Name: Highly Desirable Technical - Section 4 - Software Requirements / Weighting: 10.00%

Quality criterion - Name: Highly Desirable Technical - Section 5 - Delivery and Installation Requirements / Weighting: 10.00%

Quality criterion - Name: Highly Desirable Technical - Section 6 - Warranty and Maintenance Requirements / Weighting: 5.00%

Quality criterion - Name: Desirable Technical Requirements / Weighting: Overall Weighting -

30.00%

Quality criterion - Name: Desirable Technical - Section 1 - Material Requirements / Weighting: 6.00%

Quality criterion - Name: Desirable Technical - Section 2 - Equipment Requirements / Weighting: 12.00%

Quality criterion - Name: Desirable Technical - Section 3 - Training Requirements / Weighting: 3.00%

Quality criterion - Name: Desirable Technical - Section 4 - Software Requirements / Weighting: 3.00%

Quality criterion - Name: Desirable Technical - Section 6 - Warranty and Maintenance Requirements / Weighting: 3.00%

Quality criterion - Name: Desirable Technical - Section 7 - Aftersales Support Requirements / Weighting: 3.00%

Price - Weighting: 20.00%

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

Value excluding VAT: £500,000

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

Duration in months

66

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**

This contract is NOT suitable for splitting into lots. The risk of dividing the requirement into Lots would render the execution of the contract excessively technically difficult, not cost effective and would undermine proper execution of the contract.

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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

To support the financial assessment, the University will obtain a Business Risk Report for all Tenderers and every organisation that is being relied on to meet this procurement, using an independent company called Creditsafe.

The University reserves the right to exclude a Tenderer or request provision of further assurances such as parent company/bank guarantee or performance bonds where a Tenderer's Business Risk Score is: "Moderate Risk"; "High Risk"; "Very High Risk"; or "Not Rated", based on the rating provided by Creditsafe.

Where a Business Risk Score from our external system is not available, then an alternative method of assessing financial standing will be used.

This method is detailed within the Invitation to Tender document set.

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

Minimum level(s) of standards possibly required

Minimum level(s) of standards possibly required

Tenderers are advised that a requirement of this procurement is to have in place, or commit to obtain prior to the commencement of the contract, the following minimum insurance levels:

Employers (Compulsory) Liability: £5 Million GBP per occurrence.

Public Liability: £5 Million GBP per occurrence.

Product Liability: £5 Million GBP per occurrence and in aggregate

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

List and brief description of selection criteria

Tenderers attention is drawn to the MANDATORY requirements of the award criteria:

Grounds for mandatory exclusion

- Mandatory technical requirements M1 to M7
- Failure to meet the minimum required score for Highly Desirable technical requirements H1 to H10

Grounds for discretionary exclusion

- Economic & Financial Standing
- Insurance
- Compliance with equality legislation
- Legal requirements
- Compliance with Prompt Payments (PCR 2015 Regulation 113)
- Control of Contractors Health & Safety (CC3) Form

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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

8 November 2024

Local time

12:00pm

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

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

Date

8 November 2024

Local time

12:01pm

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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.3) Additional information**

E-Tendering Portal: The University is utilising an electronic tendering tool, In-Tend (<https://intendhost.co.uk/> universityofsouthampton) to manage this procurement and to communicate with potential suppliers and/or tenderers (as appropriate).

All documentation in relation to this tender can be downloaded from In-Tend.

Tenderers are advised that there will be no hard copy documents issued and all communications with the University, including the submission of Selection Stage and/or Invitation to Tender responses will be conducted via In-Tend.

Regular monitoring of the portal is the responsibility of the tenderer.

If you are not already registered as a supplier with the University of Southampton, you will need to register in In-Tend in order to access the procurement documentation.

Once you have logged in as a supplier: click on 'Tenders'; locate the relevant project; and click 'View Details'. Once you are in the project screen, you will be able to register your organisation against the project and access all documentation by clicking 'Express Interest'.

Potential suppliers/tenderers are advised that formal expressions of interest in the project must be by way of completion and return of the relevant documents via In-Tend.

Further instructions for the submission of responses are below:

To submit your return:

1. Log in
2. Click 'Tenders'
3. Locate the relevant project
4. View details
5. Click on the tab relating to the relevant project stage (e.g. 'Invitation to Tender')
6. Click on the 'Attach Documents' button and upload your return.
7. Check ALL your response documents are uploaded and displayed in the 'My Tender Return' panel. The system will only permit your organisation to make one return.
8. Click the red 'Submit Return' button.

Please note, to preserve the integrity of the procurement, all communications with the University must be made via the correspondence function within In-Tend.

Publication of Award Details: In accordance with Regulation 50, paragraph (2) of the Public Contracts Regulations 2015, the University intends to publish the value of any resulting contract at the award stage, and reserves the right to do so. By submitting a response, tenderers are consenting to publication of this information unless otherwise agreed in advance with the University.

Costs and Expenses: Tenderers are solely responsible for their costs and expenses incurred in connection with the preparation and submission of responses and participation in this and all future stages of this procurement. Under no circumstances will the University be liable for any costs or expenses borne by tenderers or any of their supply chain, partners or advisers in this procurement process.

The University is not liable for any costs in the event of the cancellation of this procurement process.

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

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

University of Southampton

University Road

Southampton

SO17 1BJ

Email

[procurement@soton.ac.uk](mailto:procurement@soton.ac.uk)

Country

United Kingdom