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Contract

## **250kN Servo-Hydraulic Test Machine**

UNIVERSITY OF SOUTHAMPTON

F03: Contract award notice

Notice identifier: 2024/S 000-012114

Procurement identifier (OCID): ocds-h6vhtk-04365d

Published 15 April 2024, 10:41am

### **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.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**

250kN Servo-Hydraulic Test Machine

Reference number

2023UoS-1140

**II.1.2) Main CPV code**

- 38542000 - Servo-hydraulic test apparatus

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

Supplies

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

The Testing and Structures Research Laboratory (TSRL) has a number of 100kN test frames and a larger 630kN frame. Recent strategic research directions have meant that we require samples that need more force than 100kN but are dimensionally too small to fit in the 630kN machine. Subsequently, the University requires a new Servo-Hydraulic Test Machine with load capacity of approximately 250kN to complement our existing capabilities and fill in the gap between our existing machines.

The TSRL has capacity within its existing hydraulic infrastructure to include this additional machine in terms of hydraulic flow and available outlets of the existing 210bar ring main. The scope of this procurement is to provide, install and commission a 250kN test machine with a t-slotted (or equivalent base) alongside an appropriate load cell, hydraulic grips, control system and associated software and hardware interfaces. The system will be used for both static and dynamic testing and thus must be fatigue rated for large numbers of cycles.

### **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: £140,060

## **II.2) Description**

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

NUTS codes

- UKJ32 - Southampton

Main site or place of performance

Southampton, Hampshire, UK

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

The Testing and Structures Research Laboratory (TSRL) has a number of 100kN test frames and a larger 630kN frame. Recent strategic research directions have meant that

we require samples that need more force than 100kN but are dimensionally too small to fit in the 630kN machine. Subsequently, the University requires a new Servo-Hydraulic Test Machine with load capacity of approximately 250kN to complement our existing capabilities and fill in the gap between our existing machines.

The TSRL has capacity within its existing hydraulic infrastructure to include this additional machine in terms of hydraulic flow and available outlets of the existing 210bar ring main. The scope of this procurement is to provide, install and commission a 250kN test machine with a t-slotted (or equivalent base) alongside an appropriate load cell, hydraulic grips, control system and associated software and hardware interfaces. The system will be used for both static and dynamic testing and thus must be fatigue rated for large numbers of cycles.

### Procurement Process

This procurement process was conducted as an Open procedure consisting of an Invitation to Tender stage only.

### Contract Period:

The University entered into a contract for one year and six months with the awarded supplier, consisting of a six month delivery lead time and a one year warranty period to commence upon delivery and acceptance of the goods.

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

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

Quality criterion - Name: Name: Highly Desirable Technical Requirements / Weighting: Overall Weighting 52.50%

Quality criterion - Name: Highly Desirable Technical - Section 1 - Machine and Hardware Requirements / Weighting: 5.00%

Quality criterion - Name: Highly Desirable Technical - Section 2 - Control System and Software Requirements / Weighting: 23.00%

Quality criterion - Name: Highly Desirable Technical - Section 3 - Installation Requirements / Weighting: 4.00%

Quality criterion - Name: Highly Desirable Technical - Section 4 - Service, Maintenance and Warranty Requirements / Weighting: 11.00%

Quality criterion - Name: Highly Desirable Technical - Section 5 - Moving Plan

Requirements / Weighting: 5.00%

Quality criterion - Name: Highly Desirable Technical - Section 6 - Delivery Requirements / Weighting: 1.50%

Quality criterion - Name: Highly Desirable Technical - Section 7 - Training Requirements / Weighting: 3.00%

Quality criterion - Name: Desirable Technical Requirements / Weighting: Overall Weighting 17.50%

Quality criterion - Name: Desirable Technical - Section 1 - Machine and Hardware / Weighting: 2.00%

Quality criterion - Name: Desirable Technical - Section 2 - Control System and Software / Weighting: 11.50%

Quality criterion - Name: Desirable Technical - Section 8 - Added Value / Weighting: 4.00%

Price - Weighting: 30.00%

#### **II.2.11) Information about options**

Options: No

#### **II.2.14) Additional information**

This contract was NOT suitable for splitting into Lots. This is the purchase of a single piece of equipment therefore dividing the requirement into Lots would undermine proper execution of the Contract and would not be possible from a technical perspective.

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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.2.1) Previous publication concerning this procedure**

Notice number: [2024/S 000-003365](#)

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

A contract/lot is awarded: Yes

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

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

15 April 2024

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

Number of tenders received: 2

Number of tenders received by electronic means: 2

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

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

Instron

Saxon House, 2-4 Victoria Street

Windsor

SL4 1EN

Country

United Kingdom

NUTS code

- UKJ11 - Berkshire

Companies House

559693

The contractor is an SME

No

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

Total value of the contract/lot: £140,060

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## **Section VI. Complementary information**

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

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

University of Southampton

Highfield Campus, University Road

Southampton

SO171BJ

Country

United Kingdom

Internet address

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

