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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

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

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.

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

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

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