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Contract

## **2826/507.JS.NAMRC.20 - Purposed Single Axis Seismic Shake Table**

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2021/S 000-011773

Procurement identifier (OCID): ocds-h6vhtk-02958f

Published 27 May 2021, 8:33am

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

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

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

#### **Contact**

Jamie Shaw

#### **Email**

[jamie.shaw@sheffield.ac.uk](mailto:jamie.shaw@sheffield.ac.uk)

#### **Telephone**

+44 1142221516

**Country**

United Kingdom

**NUTS code**

UKE32 - Sheffield

**Internet address(es)**

Main address

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

**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

2826/507.JS.NAMRC.20 - Purposed Single Axis Seismic Shake Table

Reference number

2826/507.JS.NAMRC.20

#### II.1.2) Main CPV code

- 38293000 - Seismic equipment

#### II.1.3) Type of contract

Supplies

#### II.1.4) Short description

The University of Sheffield wishes to invite tenders for a 'Purposed Single Axis Seismic Shake Table' on behalf of the Nuclear Advanced Manufacturing Research Centre, Castings Group at Catcliffe, South Yorkshire.

Scope of Requirement

Nuclear AMRC is one of seven high value manufacturing catapult centres promoting advanced manufacturing technologies and serving the UK supply chain, mainly in nuclear sector. The equipment qualification (EQ) is critical process for systems, structures and components used in nuclear industry. To conduct innovative research and provide better service for the SMEs, Nuclear AMRC is sourcing a hydraulic, single-axis vertical stroke

seismic shake table system for testing and qualifying electronic devices, small electrical subsystems and small mechanical components with a variety of masses.

The seismic shake table will be used to test different components with a variety of masses (between 1 kg and 100 kg) and different severity level of accelerations (between 6 G to 35 G) with 5% damping. e.g. the intention is to test a minimum 80 kg mass. There are several other requirements in the RCC-E and IEEE344 standards for different level of acceleration against different mass of components (e.g. smaller component shall be tested to 35 G). To meet the requirements of the RCC-E and IEEE344 standards, the successful supplier will provide a

FAT plan prior to

delivery of the seismic shake table.

The seismic shake table will be mainly used for Research & Development research projects, in addition to providing services to UK supply chain for the robustness of sub-systems and components testing potentially to the nuclear and other regulated sectors.

The bidder shall provide a turn-key solution for a single-axis seismic shake table system with all necessary hardware and software included for conducting seismic qualification test.

Initially the seismic table will be installed in a large workshop area which currently hosts other capital equipment. The seismic table will be moved at some point in the future (to another building) so needs to be easy to transport.

As of the date of releasing this tender, the new building in which the seismic shake table will eventually be installed has not as yet been constructed and we are unable to supply any drawings or plans (and associated dimensions). The seismic shake table will be installed in an office based environment so will need to be a relatively compact system.

Tender Process and Documentation:

This procurement is an open procedure conducted in accordance with the Public Contracts Regulations 2015

The ITT can be downloaded by registering and expressing your interest on the University's e-tendering system <https://in-tendhost.co.uk/Sheffield>

If you have any questions or comments in relation to this tender they must be submitted via the In-tend System, this can be accessed at <https://in-tendhost.co.uk/Sheffield>

Completed tenders must be returned through the same e-tendering system.

Closing date for receipt of tenders: Thursday 25th March 2021 at 12 noon (UK time).

### **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: £274,990

## **II.2) Description**

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

- 38436100 - Mechanical shakers

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

NUTS codes

- UKF11 - Derby

Main site or place of performance

Nuclear AMRC (Midlands), University of Sheffield, iHub, Infinity Park, Infinity Park Way, Derbyshire, DE24 9FU

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

The University of Sheffield wishes to invite tenders for a 'Purposed Single Axis Seismic Shake Table' on behalf of the Nuclear Advanced Manufacturing Research Centre, Castings Group at Catcliffe, South Yorkshire.

Scope of Requirement

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seismic shake table system for testing and qualifying electronic devices, small electrical subsystems and small mechanical components with a variety of masses.

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

Price

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

Options: No

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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: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2021/S 000-003623](#)

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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**

7 May 2021

#### **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**

Servotest Testing Systems Limited

Egham

Country

United Kingdom

NUTS code

- UKJ25 - West Surrey

The contractor is an SME

Yes

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

Initial estimated total value of the contract/lot: £275,000

Lowest offer: £239,000 / Highest offer: £274,900 taken into consideration



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## **Section VI. Complementary information**

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

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

High Court of England and Wales

London

Country

United Kingdom