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Tender

## **3206/JN - Multi-Parameter Hydrogen Fuel Cell Test Station**

UNIVERSITY OF SHEFFIELD

F02: Contract notice

Notice identifier: 2022/S 000-003672

Procurement identifier (OCID): ocds-h6vhtk-0314f3

Published 9 February 2022, 9:34am

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

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

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

#### **Contact**

James Noble

#### **Email**

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

#### **Country**

United Kingdom

**NUTS code**

UKE32 - Sheffield

**Internet address(es)**

Main address

<https://in-tendhost.co.uk/sheffield/>

**I.3) Communication**

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

<https://in-tendhost.co.uk/sheffield/>

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/sheffield/>

**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**

3206/JN - Multi-Parameter Hydrogen Fuel Cell Test Station

Reference number

3206/JN

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

- 38500000 - Checking and testing apparatus

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

Supplies

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

With co-funding from the European Regional Development Fund, the University of Sheffield has established a flagship national Translation Energy Research Centre (TERC) - a multi-technology, integrated platform for research, development and innovation at pilot-scale, to understand and demonstrate green energy solutions for a secure, affordable and sustainable energy system. It is one of the largest and best-equipped research and development facilities in Europe for zero-carbon energy, hydrogen, bioenergy, CCUS and combustion.

We aim to procure a hydrogen fuel cell tests station. It will be used to investigate the impact of the operating conditions (i.e. the temperature, pressure, gas composition and humidity) on single fuel cell or small fuel cell stacks. It will be also used to investigate the effect of the new materials and/or designs on the fuel cell performance.

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

Value excluding VAT: £100,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 38423000 - Pressure-measuring equipment
- 38540000 - Machines and apparatus for testing and measuring
- 38930000 - Humidity and moisture measuring instruments

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

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

Translational Energy Research Centre (TERC), Sheffield Business Park, Europa Avenue, S9 1ZA

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

With co-funding from the European Regional Development Fund, the University of Sheffield has established a flagship national Translation Energy Research Centre (TERC) - a multi-technology, integrated platform for research, development and innovation at pilot-scale, to understand and demonstrate green energy solutions for a secure, affordable and sustainable energy system. It is one of the largest and best-equipped research and development facilities in Europe for zero-carbon energy, hydrogen, bioenergy, CCUS and combustion.

The facility is equipped with a number of hydrogen generating and consuming pilot-scale facilities used to further innovative large scale research and green solutions. To complement this, we aim to procure a hydrogen fuel cell tests station. It will be used to investigate the impact of the operating conditions (i.e. the temperature, pressure, gas composition and humidity) on single fuel cell or small fuel cell stacks. It will be also used to investigate the effect of the new materials and/or designs on the fuel cell performance.

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

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

## **system**

Start date

8 December 2022

End date

9 December 2022

This contract is subject to renewal

No

### **II.2.10) Information about variants**

Variants will be accepted: Yes

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

Options: No

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

This procurement is related to a project and/or programme financed by European Union funds.

Identification of the project: European Regional Development Fund (ERDF)

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## **Section III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

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

Selection criteria as stated in the procurement documents

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

Selection criteria as stated in the procurement documents

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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.2.2) Time limit for receipt of tenders or requests to participate**

Date

9 March 2022

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: 3 (from the date stated for receipt of tender)

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

Date

9 March 2022

Local time

12:01pm

Place

The University of Sheffield

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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.4) Procedures for review**

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

The University of Sheffield

Sheffield

S10 2TN

Email

[james.noble@sheffield.ac.uk](mailto:james.noble@sheffield.ac.uk)

Country

United Kingdom