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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

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

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 Transition 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)

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

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

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

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james.noble@sheffield.ac.uk

Country

United Kingdom