Contract

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

UNIVERSITY OF SHEFFIELD

F20: Modification notice
Notice identifier: 2022/S 000-019999
Procurement identifier (OCID): ocds-h6vhtk-0314f3
Published 22 July 2022, 12:10pm

Section I: Contracting authority/entity

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/

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.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 at the time of conclusion of the contract:

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.2.7) Duration of the contract, framework agreement, dynamic purchasing system or concession

Start date

8 December 2022

End date

9 December 2022

Section IV. Procedure

IV.2) Administrative information

IV.2.1) Contract award notice concerning this contract

Notice number: 2022/S 000-012459

Section V. Award of contract/concession

Contract No

3206/JN

V.2) Award of contract/concession

V.2.1) Date of conclusion of the contract/concession award decision:

4 May 2022

V.2.2) Information about tenders

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

V.2.3) Name and address of the contractor/concessionaire

Alvatek Ltd

Unit 11 Westwood Court, Brunel Road

Southampton

SO40 3WX

Country

United Kingdom

NUTS code

- UKJ32 - Southampton

The contractor/concessionaire is an SME

Yes

V.2.4) Information on value of the contract/lot/concession (at the time of conclusion of the contract;excluding VAT)

Total value of the procurement: £88,035

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The University of Sheffield

Sheffield

S10 2TN

Country

United Kingdom

Section VII: Modifications to the contract/concession

VII.1) Description of the procurement after the modifications

VII.1.1) Main CPV code

- 38500000 - Checking and testing apparatus

VII.1.2) Additional CPV code(s)

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

VII.1.3) Place of performance

NUTS code

- UKE32 - Sheffield

Main site or place of performance

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

VII.1.4) 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.

VII.1.5) Duration of the contract, framework agreement, dynamic purchasing system or concession

Start date

8 December 2022

End date

9 December 2022

VII.1.6) Information on value of the contract/lot/concession (excluding VAT)

Total value of the contract/lot/concession:

£98,116

VII.1.7) Name and address of the contractor/concessionaire

Alvatek Ltd

Unit 11 Westwood Court, Brunel Road

Southampton

SO40 3WX

Country

United Kingdom

NUTS code

- UKJ32 - Southampton

The contractor/concessionaire is an SME

Yes

VII.2) Information about modifications

VII.2.1) Description of the modifications

Nature and extent of the modifications (with indication of possible earlier changes to the contract):

Change in supplied equipment resulting in price increase. New equipment remain within original scope and purpose.

VII.2.2) Reasons for modification

Need for modification brought about by circumstances which a diligent contracting authority/entity could not foresee.

Description of the circumstances which rendered the modification necessary and explanation of the unforeseen nature of these circumstances:

This change was brought about due to the hydrogen equipment market suffering due to a combination of worldwide factors including the pandemic and the war in Ukraine. This has severely impacted the supply chain of the original equipment making it not viable due to funding restrictions and timescales. The new equipment follows the original scope and nature of the contract while allowing achievable timescales.

VII.2.3) Increase in price

Updated total contract value before the modifications (taking into account possible earlier contract modifications, price adaptions and average inflation)

Value excluding VAT: £88,035

Total contract value after the modifications

Value excluding VAT: £98,116