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Contract

3808/JN - Flue Gas/CO2 Scrubbing and Conditioning System (16 Lots)

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2023/S 000-028059

Procurement identifier (OCID): ocds-h6vhtk-03dc2a

Published 22 September 2023, 2:23pm

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

THE UNIVERSITY OF SHEFFIELD, WESTERN BANK

SHEFFIELD

S102TN

Contact

James Noble

Email

james.noble@sheffield.ac.uk

Country

United Kingdom

Region code

UKE32 - Sheffield

Companies House

RC000667

Internet address(es)

Main address

<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

3808/JN - Flue Gas/CO2 Scrubbing and Conditioning System (16 Lots)

Reference number

3808/JN

II.1.2) Main CPV code

- 42000000 - Industrial machinery

II.1.3) Type of contract

Supplies

II.1.4) Short description

With co-funding from the European Regional Development Fund and BEIS, the University of Sheffield is establishing a national Translational Energy Research Centre (TERC) as an integrated multi-technology, pilotscale R&D platform for low-carbon technologies including hydrogen, bioenergy (BE), and Carbon Capture, Utilisation and Storage (CCUS). Site equipment includes a Molten Carbonate Fuel Cell (MCFC) which forms part of a Bioenergy with Carbon Capture and Storage/Utilisation (BECCS) system.

This tender covers the scrubbing and conditioning of biomass boiler flue gas (as well as synthetic/semi-synthetic flue gas) to meet stringent purity requirements of the MCFC. It also covers fuel feed to the Anode side of the MCFC. S-containing impurities as well as compounds containing halogens (e.g., HCl), As, Se and P must be scrubbed to low ppb levels to prevent poisoning of the plant catalyst.

II.1.6) Information about lots

This contract is divided into lots: Yes

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £816,883

II.2) Description

II.2.1) Title

Flue gas probe, cathode inlet mixing valve, O2 feed in skid (a-c)

Lot No

1

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To monitor flue gas quality for excessive CO and low O2 using an in-situ probe and to bleed in air to maintain required O2 levels or to divert from flue gas supply to air in case of combustion problems, whereby the divertor valve or a combination of a divertor and bleed valve is/are sized for an air bleed of ~1-60Nm³/h) and full air bypass up to 264N/m³.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 42

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Flue gas filter

Lot No

2

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To remove particulates, from sampled flue gas from (primarily) biomass boiler from 40mg/m³ to

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 53

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Flue gas fan (a-c)

Lot No

3

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To sample 72-264Nm³/h of flue gas (on dry basis) primarily from biomass boiler through flue gas manifold pipework (~130m, 4" SS316 pipe) and filter, to the wet scrubber and demister, and downstream equipment to deliver 80-130-300 Nm³/h of humidified gas at 47±15mabr (max 137mbar) to the MCFC. Estimated pressure drops across the full gas train. (See also cathode gas skid regarding control)

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 42

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Wet scrubber and demister

Lot No

4

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To scrub:

- Bioenergy flue gas downstream of flue gas diverter, filter and VSD Blower or
- bulk CO2 from site supply

to remove impurities to levels required by the MCFC; and with optional capacity to treat an additional 40Nm³/h of bulk CO2 for FT plant.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 207

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

CO2 dryer

Lot No

5

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To dry up to 80m³/h of CO₂ from the Wet Scrubber + Demister down to at least -20°C dew point for downstream metering.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 75

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Dry scrubber

Lot No

6

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To scrub bulk CO₂ from site supply to remove impurities (primarily S-containing compounds) to purity requirements of the MCFC; and with a total capacity of 80m³/h, to supply up to 40Nm³/h to the Anode and cathode gas skid + up to 40Nm³/h for FT plant.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 196

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Cathode gas mixing skid

Lot No

7

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To meter and mix component gases: CO₂, N₂, CA, to generate representative flue /process gas mixtures or to modulate real flue/process gases, whereby the CO₂ is fed from:

- the wet scrubber after demister and Dryer or
- the dry scrubber or
- bulk CO₂ from site supply for subsequent scrubbing the wet /dry scrubber, as a standalone gas or as part of the overall synthetic/real flue/process gas mixture

The skid (within its monitoring and control capability) would also meter flue gas/air flowrate and control the flue gas VSD fan as well as the inlet probe and diverter

Optionally the skid will also incorporate an additional line for O₂ flow metering and control for direct injection into the flue gas where O₂ levels are too low , where the O₂ will likely be supplied from onsite electrolysis.

For emergency stop the skid should also have a separate fixed flow N2 supply (Flow setting TBC) from site services supply (7-8.5bar, 22mm, 10000L/min shared supply) for cathode supply train purge (covering Fuel cell module, cathode superheater, and recuperator).

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 163

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Cathode superheater

Lot No

8

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To accurately and controllably (ramp-rates of 5-10°C/hr, setpoint to 3 s.f.) heat-up and maintain setpoint temperatures of 80-130-300Nm³/h of humidified cathode gas (real/synthetic/modulated flue/process gas) downstream of the recuperator and humidifier, from ambient or elevated temperature when preheated by the recuperator (to up to ~600°C), and to maintain the target cathode inlet temperature setpoint of 590 ± 25°C, which may require superheater exit temperatures of 640-700°C during hot standby.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 97

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Anode gas mixing skid

Lot No

9

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To meter and mix component gases: CO₂, N₂, NG, H₂, to generate representative fuel gas mixtures whereby the CO₂ is fed from wet or dry scrubber.

Optional recycle loop from anode exhaust.

Water skid: controls equipment and instrumentation should be collocated with the anode skid due to special location of equipment.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 130

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Anode superheater

Lot No

10

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To accurately (to 3 significant figures) and controllably (ramp-rates of 5-10°C/h) heat 6-33Nm³/h fuel gas downstream of the anode humidifier, from ambient or elevated temperature (after 20kW anode humidifier to target operating temperatures of 580 ± 25°C or as high as 640-700 °C during startup or hot standby.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 86

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Ultra-pure water (UPW) supply loop

Lot No

11

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To provide a cat-5-type ultra-pure water supply loop system with an intermediate 1000L storage for 80 L/h at 2.8 bar (TBC) of deionised water produced from (2 off) onsite reverse osmosis plant (with conductivity of 0.1 S/cm) and provide an estimated 5.5 bar pressurised supply loop for UPW skid for the MCFC and minimum 3 other applications on site: 1) ACP; 2) Electrolyser 2; 3) HP heat exchanger test bed.

The MCFC supply shall also include an additional polishing stage for continuous operation with standby capacity and quality monitoring to provide up to 45L/hr with conductivity of 0.05-0.06 S/cm. The polished UPW supply is required for the cathode steam generator or direct water injection into the recuperator and anode fuel humidifier. It is optional for filling the cathode and anode water seals.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 53

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Ultra-pure water (UPW) skid

Lot No

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To control the flow of ultra-pure water (UPW) from UPW supply loop to:

- a. cathode and anode water seals,.
- b. cathode steam generator for flue gas humidification with expected supply of 2-29kg/h
- c. cathode-anode heat exchanger, for flue gas humidification with expected supply of 2-29kg/h
- d. Anode humidifier for fuel gas humidification with expected supply of 1-14kg/h

Whereby a) and b) are controlled by level and c) and d) require accurate water metering.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 42

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Anode water seal

Lot No

13

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

To provide system overpressure protection to protect the MCFC module and incorporating a level adjusting tank for pressure balancing with Cathode exhaust stream.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 42

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

MCC

Lot No

14

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems
- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

Motor control centre to provide power management and switching for all relevant BOP plant components included above and in the overall process schematic outlined in Figure 1 (excluding the MCFC module), broadly:

By the MCFC

- (SCR) controlled power supply to Anode superheater
- (SCR) controlled power supply to Cathode superheater.
- (SCR) controlled power supply to Anode humidifier /vaporiser (18.2kW in 4 x 230V single phase heaters)
- (SCR) controlled power to Cathode steam generator.
- Natural gas compressor
- Equipment and instrumentation power across the system.
- Power management for the main supply (630A) and connection of 30kW regenerative load cell to the grid
- PLC power

Externally by FGD (potentially as a separate panel)

- FAN (VSD)
- Wet scrubber system
- Dry scrubber system (potentially booster)
- UPW circulation loop, and
- any equipment and instrumentation power associated with the above or the Cathode skid
- PLC power (if required for FGD)

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 119

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

MCFC module instrument PLC logger

Lot No

15

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

Optionally electrically isolated module controller to take voltage, temperature, and pressure readings from the MCFC to enable controls integration with gas supply system.

(Note BOP controller is excluded)

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 42

Price - Weighting: 30

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: European Regional Development Fund

II.2) Description

II.2.1) Title

Controls manifold

Lot No

16

II.2.2) Additional CPV code(s)

- 31161200 - Gas cooling systems

- 380000000 - Laboratory, optical and precision equipments (excl. glasses)

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

II.2.4) Description of the procurement

Instrument air manifold block with in-build solenoids for control of air supply to instruments: pneumatic isolation, 3 way and control valves.

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 31

Price - Weighting: 30

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: European Regional Development Fund

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: [2023/S 000-017997](#)

Section V. Award of contract

Lot No

1

Title

Flue gas probe, cathode inlet mixing valve, O2 feed in skid (a-c)

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V. Award of contract

Lot No

2

Title

Flue gas filter

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V. Award of contract

Lot No

3

Title

Flue gas fan (a-c)

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V. Award of contract

Lot No

4

Title

Wet scrubber and demister

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V. Award of contract

Lot No

5

Title

CO2 dryer

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V. Award of contract

Contract No

3808/JN

Lot No

6

Title

Dry scrubber

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £56,580

Section V. Award of contract

Contract No

3808/JN

Lot No

7

Title

Cathode gas mixing skid

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

20 September 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £169,785

Section V. Award of contract

Contract No

3808/JN

Lot No

8

Title

Cathode superheater

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £56,272

Section V. Award of contract

Contract No

3808/JN

Lot No

9

Title

Anode gas mixing skid

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £67,267

Section V. Award of contract

Contract No

3808/JN

Lot No

10

Title

Anode superheater

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £38,485

Section V. Award of contract

Contract No

3808/JN

Lot No

11

Title

Ultra-pure water (UPW) supply loop

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

20 September 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £38,923

Section V. Award of contract

Lot No

12

Title

Ultra-pure water (UPW) skid

A contract/lot is awarded: No

V.1) Information on non-award

The contract/lot is not awarded

No tenders or requests to participate were received or all were rejected

Section V. Award of contract

Contract No

3808/JN

Lot No

13

Title

Anode water seal

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £12,047

Section V. Award of contract

Contract No

3808/JN

Lot No

14

Title

MCC

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £198,198

Section V. Award of contract

Contract No

3808/JN

Lot No

15

Title

MCFC module instrument PLC logger

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc

3 Great Pasture Road

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Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £50,289

Section V. Award of contract

Contract No

3808/JN

Lot No

16

Title

Controls manifold

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

23 August 2023

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

FuelCell Energy, Inc.

3 Great Pasture Road

Danbury

06810

Country

United States

NUTS code

- US - United States

Companies House

3055699

The contractor is an SME

No

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

Total value of the contract/lot: £129,037

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The University of Sheffield

Sheffield

S10 2TN

Email

james.noble@sheffield.ac.uk

Country

United Kingdom