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Contract

Green Hydrogen Production and Storage Facility

UNIVERSITY OF SHEFFIELD

F03: Contract award notice

Notice identifier: 2022/S 000-017549

Procurement identifier (OCID): ocds-h6vhtk-03130e

Published 27 June 2022, 4:44pm

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

Contact

David Middle

Email

dave.middle@sheffield.ac.uk

Telephone

+44 1142221560

Country

United Kingdom

NUTS code

UKE32 - Sheffield

Internet address(es)

Main address

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

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

Green Hydrogen Production and Storage Facility

Reference number

3210/DM

II.1.2) Main CPV code

- 09000000 - Petroleum products, fuel, electricity and other sources of energy

II.1.3) Type of contract

Supplies

II.1.4) Short description

The University of Sheffield (UoS) with funding from European Regional Development Fund (ERDF) is establishing a Sustainable Aviation Fuels Innovation Centre (SAF-IC) to support and promote the production and characterisation of decarbonised and sustainable aviation fuel.

To broaden and support our extensive research, development, and deployment activities at the centre, we are looking to procure a proton exchange membrane (PEM) or a solid oxide hydrogen electrolyser. The Green Hydrogen Production and Storage Facility project will enable green hydrogen to be produced on site, whilst the device will be mains powered the centre boasts considerable renewable electricity production capacity. Hence, it is intended that the consumption of the H₂ production facility will net off, against said production capacity, thereby resulting in credible green hydrogen production.

One of the main purposes behind this procurement is the use of the generated hydrogen to produce renewable

synthetic fuels.

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: £1,026,450

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKE32 - Sheffield

Main site or place of performance

The University of Sheffield at a new research facility:

Sustainable Aviation Fuels - Innovation Centre

Sheffield Business Park

Europa Avenue

Sheffield

S9 1ZA

II.2.4) Description of the procurement

The University of Sheffield (UoS) with funding from European Regional Development Fund (ERDF) is establishing a

Sustainable Aviation Fuels Innovation Centre (SAF-IC) to support and promote the production and characterisation of decarbonised and sustainable aviation fuel.

To broaden and support our extensive research, development, and deployment activities at the centre, we are looking to procure a proton exchange membrane (PEM) or a solid oxide hydrogen electrolyser. The Green Hydrogen Production and Storage Facility project will enable green hydrogen to be produced on site, whilst the device will be mains powered the centre boasts considerable renewable electricity production capacity. Hence, it is intended that the consumption of the H₂ production facility will net off, against said production capacity, thereby resulting in

credible green hydrogen production.

One of the main purposes behind this procurement is the use of the generated hydrogen to produce renewable synthetic fuels. In general, the procurement of the hydrogen electrolyser system will support our research activity in innovating systems which

eliminate/mitigate CO2 emissions. It will also open a number of R&D opportunities for the development, optimisation and integration of hydrogen economy and systems.

II.2.5) Award criteria

Quality criterion - Name: Technical / Weighting: 40

Quality criterion - Name: After Sales Support / Weighting: 5

Quality criterion - Name: Added Value / Innovation / Weighting: 10

Quality criterion - Name: Whole Life Costing / Weighting: 5

Quality criterion - Name: Delivery, Installation & Commissioning / Weighting: 15

Price - Weighting: 25

II.2.11) Information about options

Options: Yes

Description of options

As described within the tender documents

II.2.14) Additional information

The purchase of this equipment is part funded by the European Regional Development Fund (ERDF)

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: [2022/S 000-003187](#)

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

30 May 2022

V.2.2) Information about tenders

Number of tenders received: 4

Number of tenders received from SMEs: 4

Number of tenders received by electronic means: 4

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

V.2.3) Name and address of the contractor

Remosa s.r.l

Viale Pula 37

Cagliari

09123

Country

Italy

NUTS code

- IT - Italy

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: £1,350,000

Total value of the contract/lot: £1,026,450

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

University of Sheffield

Sheffield

S10 2TN

Country

United Kingdom