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Not applicable

Green Hydrogen Production and Storage Facility

UNIVERSITY OF SHEFFIELD

F14: Notice for changes or additional information

Notice identifier: 2022/S 000-007047

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

Published 15 March 2022, 4:53pm

Section I: Contracting authority/entity

I.1) Name and addresses

UNIVERSITY OF SHEFFIELD

Western Bank

SHEFFIELD

S102TN

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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. 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.

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

synthetic fuels.

For indicative purposes only, the budget allocated to the Green Hydrogen Production Facility is c.£1.2m while the budget allocated for the Storage Facility is c.£150,000 (both figures are excluding VAT). This explains the estimated total value figure shown below of £1,350,000.

Section VI. Complementary information

VI.6) Original notice reference

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

Section VII. Changes

VII.1.2) Text to be corrected in the original notice

Section number

IV.2.2

Instead of

Date

16 March 2022

Local time

12:00pm

Read

Date

29 March 2022

Local time

12:00pm

Section number

IV.2.7

Instead of

Date

16 March 2022

Local time

12:00pm

Read

Date

29 March 2022

Local time

12:00pm