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Tender

Dorset Green H2 - Private Wire HV Network Modifications

HYENERGY CONSULTANCY LIMITED

F02: Contract notice

Notice identifier: 2021/S 000-008945

Procurement identifier (OCID): ocds-h6vhtk-02aa62

Published 26 April 2021, 7:29pm

Section I: Contracting authority

I.1) Name and addresses

HYENERGY CONSULTANCY LIMITED

39 ST. JOHNS STREET

Crowthorne

RG457NQ

Contact

Josh Williamson

Email

josh.williamson@hy-energy.co.uk

Telephone

+44 7944240014

Country

United Kingdom

NUTS code

UKJ1 - Berkshire, Buckinghamshire and Oxfordshire

Internet address(es)

Main address

www.hy-energy.co.uk

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://www.dropbox.com/sh/ucfb2cdut4efk80/AAAbFMhFbvc-FWgShL0Hjcp7a?dl=0>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://www.contractsfinder.service.gov.uk/Notice/599e1f85-6244-4c45-92ce-d2818b43e730>

I.4) Type of the contracting authority

Other type

Private company in receipt of grant funding (Low Carbon Dorset)

I.5) Main activity

Other activity

Renewable Energy

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Dorset Green H2 - Private Wire HV Network Modifications

II.1.2) Main CPV code

- 45315400 - High voltage installation work

II.1.3) Type of contract

Works

II.1.4) Short description

This project comprises of the installation of an electrolyser with a compressor directly connected to a solar farm that has operational capacity of 5MW with supplemental energy either coming from locally installed gas engines or the grid.

The proposed 1 to 1.5 mega-Watt (MW) Proton Exchange Membrane (PEM) electrolyser will be installed on-site and used to produce green hydrogen, from a potable water feed and will be powered by the co-located solar farm - producing a carbon free fuel and energy storage opportunity that can be used to help decarbonise a number of downstream applications.

Within this project, the green hydrogen will be compressed and filled into hydrogen trailers.

This hydrogen is anticipated to be transported off-site for a variety of applications, however, neither of these distribution/use scenarios are included within this Tender.

The new installation will be connecting to an existing 11 kV Private Wire network that is currently supporting a 7MW Landfill Gas Generation facility. This connection is designed to support a 6.8MVA Export Capacity and a 375 kVA Import Capacity.

The Landfill Site, whilst equipped with 7MW of Landfill Gas Engines, only has only enough Landfill Gas to support the Generation of 1.8 MVA from the Landfill site.

The existing Landfill Site Electrical System will require significant modification to make it suitable for the connection of the proposed Solar Farm.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKK2 - Dorset and Somerset

Main site or place of performance

Energy Site Control Centre,

Arena Way,

Wimborne,

Dorset,

England,

BH21 3BW.

II.2.4) Description of the procurement

This tender is for the decommissioning of an existing substation, then the installation of 2 new substations with ancillary equipment and cabling to supply a new 5MW Solar POC and a 1.5MW Electrolyser POC. Delivery of this work is required as quickly as possible.

Parties interested in supplying their services for this tender should refer to the attachments (access via link) for all the necessary information relating to the application process and all equipment specifications.

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

1 October 2021

End date

1 April 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

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions

Conditions for participation as stated in procurement documents (access via links)

III.1.2) Economic and financial standing

List and brief description of selection criteria

Selection criteria as stated in the procurement documents (access via links)

III.1.3) Technical and professional ability

List and brief description of selection criteria

Selection criteria as stated in the procurement documents (access via links)

III.2) Conditions related to the contract

III.2.2) Contract performance conditions

Terms and Conditions as stated in the procurement documents (access via links)

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: No

IV.2) Administrative information

IV.2.2) Time limit for receipt of tenders or requests to participate

Date

26 May 2021

Local time

4:00pm

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

Tender must be valid until: 22 October 2021

IV.2.7) Conditions for opening of tenders

Date

7 June 2021

Local time

9:00am

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

VI.4) Procedures for review

VI.4.1) Review body

Canford Renewable Energy

Wimborne

Email

rob.dowding@c-r-e.co.uk

Telephone

+44 7748600180

Country

United Kingdom

Internet address

<https://www.canfordrenewableenergy.co.uk/>

VI.4.3) Review procedure

Precise information on deadline(s) for review procedures

Review and Evaluation Procedure as stated in procurement documents (access via links)