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Planning

Procurement for the design and Build of a Solar PV Plant

bp Aberdeen Hydrogen Energy Limited

F01: Prior information notice

Prior information only

Notice identifier: 2023/S 000-015321

Procurement identifier (OCID): ocds-h6vhtk-03d068

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Section I: Contracting authority

I.1) Name and addresses

bp Aberdeen Hydrogen Energy Limited

Johnston Carmichael, Bishop's Court, 29 Albyn Place

Aberdeen

AB10 1YL

Contact

Chris Gough

Email

chris.gough@turntown.co.uk

Country

United Kingdom

NUTS code

UKM50 - Aberdeen City and Aberdeenshire

Internet address(es)

Main address

<https://turnerandtowntsend.bravosolution.com>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA30623

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Other type

Contract subsidised by a contracting authority

I.5) Main activity

Other activity

Energy

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Procurement for the design and Build of a Solar PV Plant

II.1.2) Main CPV code

- 09330000 - Solar energy

II.1.3) Type of contract

Supplies

II.1.4) Short description

bp Aberdeen Hydrogen Energy Limited (bpAHEL) is a Joint Venture (JV) between bp and Aberdeen City Council (ACC), secured through a public procurement process. The JV has been created with the purpose of delivering a scalable green hydrogen production, storage and distribution facility (hydrogen refuelling station) in the city. The hydrogen refuelling station will be powered by renewable energy, including a purpose-built Solar PV Plant.

The purpose of this notice is to inform potential bidders of the future opportunity to submit a tender to design and build the Solar PV Plant.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 09330000 - Solar energy
- 09331200 - Solar photovoltaic modules
- 09332000 - Solar installation
- 45251100 - Construction work for power plant
- 71323100 - Electrical power systems design services

II.2.3) Place of performance

NUTS codes

- UKM50 - Aberdeen City and Aberdeenshire

II.2.4) Description of the procurement

The Aberdeen Hydrogen Hub Solar PV Plant will be a ground mounted PV system at the site of the former Ness landfill, which is located 2 km south of Aberdeen city centre, on Coast Road adjacent to Nigg Bay, to the south of Aberdeen Harbour and approximately 4km northeast of Cove Bay. The Contractor should design the solar plant taking into consideration that this is located on a capped landfill site, which still requires safe management by the incumbent waste management contractor via a venting and drainage system. The site will be linked by an underground connection to the hydrogen production plant and vehicle re-fuelling facility.

The Works to be undertaken by the Contractor relate to the civil and mechanical construction works of the solar PV plant and all electrical works to (but not including) a metering circuit breaker on site (the Connection Point).

The Contractor shall provide:

1. Design, procurement, installation, construction, commissioning and testing for the solar installation Works for the project.
2. Project management of the Works including progress reporting to the Employer.
3. All Principal Contractor (PC) and Principal Designer (PD) duties, including support to enable the Employer to discharge planning and environmental requirements.
4. All welfare and security during the Works within the site until takeover.
5. All mechanical infrastructure within the site.
6. Surveys, design, power system, and provide information to support grid compliance studies as required to offload, install, commission, and test.
7. All electrical infrastructure up to (but not including) the onsite metering circuit breaker (Connection Point). This includes PV modules, DC string cabling, AC cabling, transformer and inverters, earthing, lighting, small power and UPS systems.
8. Civil, structural, and building works for the site including transformer stations, ground works, drainage, foundations, access roads, fencing, CCTV, and landscaping.

9. Control infrastructure for the power plant control system including, inter alia, the overarching energy management system, monitoring system, and any other necessary hardware.
10. Provision for the connection of a leased line fibre optic or other communications system to allow for remote access and operation of the site, including communication with the solar farm. Latency and connection speeds to be confirmed by the Employer.
11. Temporary power to all equipment within the site until the grid connection has been made.
12. Commissioning of all equipment supplied and installed to all relevant regulations and standards.
13. Landscaping of the site in accordance with the planning permission.
14. O&M services for the first two years between Provisional Acceptance Certificate (PAC) and Final Acceptance Certificate (FAC).

The scope above is not intended to be exhaustive but the Contractor will be required to deliver all plant and systems necessary to safely operate the solar PV plant in the market described above.

II.2.14) Additional information

To register your interest in this future opportunity, please contact Mihai Comaniciu (MihaiComaniciu@Fichtner.co.uk) Kenzey Fordyce (kenzey.fordyce@bp.com) and Chris Gough (chris.gough@turntown.co.uk).

II.3) Estimated date of publication of contract notice

13 June 2023

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=733829.

(SC Ref:733829)