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Planning

Prior Information Notice - Description and Additional Text

Bp Aberdeen Hydrogen Energy Limited

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-034213

Procurement identifier (OCID): ocds-h6vhtk-038a44

Published 2 December 2022, 2:23pm

Section I: Contracting authority

I.1) Name and addresses

Bp Aberdeen Hydrogen Energy Limited

Bp North Sea Headquarters, 1-4 Wellheads Avenue

Aberdeen

AB21 7PB

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

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://turnerandtowntsend.bravosolution.com>

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

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II.1.2) Main CPV code

- 71330000 - Miscellaneous engineering services

II.1.3) Type of contract

Services

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 in the city powered by renewable energy. The facility is targeting manufacture and dispensing of between 770 kilograms (min.) and 1000 kilograms (peak) of green hydrogen per day – enough to fuel 25 buses and a range of other fleet vehicles.

bpAHEL intend to conduct a procurement for the provision of the required hydrogen technology (electrolyser unit, and compression, storage and dispensation equipment), with the aim of first hydrogen fuel being produced from the 3rd Quarter 2024.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 65400000 - Other sources of energy supplies and distribution
- 71300000 - Engineering services
- 71320000 - Engineering design services

II.2.3) Place of performance

NUTS codes

- UKM50 - Aberdeen City and Aberdeenshire

Main site or place of performance

Aberdeen

II.2.4) Description of the procurement

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 in the city powered by renewable energy. The facility is targeting manufacture and dispensing of between 770 kilograms (min.) and 1000 kilograms (peak) of green hydrogen per day – enough to fuel 25 buses and a range of other fleet vehicles.

All communications, including clarification questions and completed RFI questionnaires should be returned via the eTender messaging system.

Interested parties should note that this Prior Information Notice is not a call for competition, and that bpAHEL reserves the right to cancel or vary this pre-procurement engagement exercise and any potential resulting procurement process, or not conduct a procurement process whatsoever, at any point and will not be liable for any costs or expenses incurred by interested parties in responding to this pre-procurement engagement or any resulting procurement process. bpAHEL may also change the basis and/or deadlines in respect of this pre-procurement engagement.

bpAHEL intend to conduct a procurement for the provision of the required hydrogen technology (electrolyser unit, and compression, storage and dispensation equipment), with the aim of first hydrogen fuel being produced from the 3rd Quarter 2024.

It is foreseen that the successful bidder will provide and undertake the following within the scope of supply:

- Project management
- Project controls including estimating, scheduling, cost, risk and performance reporting
- HSEQ management systems including Design and Contractor under the CDM legislation
- Attendance of review including design, scheme, constructability, O&M, logistics, etc

- Design & Engineering of the scheme as a “system” and within the boundary shown on the block diagram including technical safety, process, mechanical, piping, structural, control, automation & instrumentation
- Integration of the system within the site, interfacing with key contractors delivering accompanying packages
- The system should be provided with its own local control & automation including external signalling for remote control and monitoring
- Provision of any software to improve production optimisation, payment methods, etc.
- Procurement & manufacturing
- Offsite fabrication, manufacturing, assembly, and Factory Acceptance Testing (FAT)
- Transport, logistic and shipping from factory to a site in Aberdeen
- Offloading, unloading & final positioning
- On site installation, testing, completions & commissioning
- Lifetime records from design through procurement to construction & commissioning
- Start-up & performance trials to ensure system meets functional specification
- Operation & maintenance manuals
- Training and demonstration of the system
- Support to beneficial operation trials including attendance of commissioning personnel for a period of at least 1 month

The purpose of this PIN is to engage with the market to:

- Raise awareness of the future tender opportunity
- Validate availability in the market of proposed solutions that might meet bpAHEL's requirements.

bpAHEL have developed an indicative scheme which is provided via the eTender system, however a vendor led solution is sought. Suppliers are to propose a scheme to meet the key functional metrics of the project, within a safe, reliable, and operable system. Through the tender response, bpAHEL will require bidders to propose an optimum solution,

including packaged units, improved efficiency, and based upon a supplier standardised solution (where appropriate).

II.2.14) Additional information

To respond to this PIN and the associated request for information (RFI) please go to the following web address: <https://turnerandtownsend.bravosolution.com> (the eTender system) and click on the 'Register' button. Once registered, please contact Chris Gough (chris.gough@turntown.co.uk) and Sam Munro (sam.munro@turntown.co.uk) to request access to all related documents.

II.3) Estimated date of publication of contract notice

9 January 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=715601.

(SC Ref:715601)