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Tender

Procurement for the Design, Build, Operation and Maintenance of a Solar PV Plant

Turner & Townsend

F02: Contract notice

Notice identifier: 2023/S 000-018516

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

Published 29 June 2023, 12:03pm

The closing date and time has been changed to:

11 August 2023, 12:00pm

See the [change notice](#).

Section I: Contracting authority

I.1) Name and addresses

Turner & Townsend

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://turnerandtownsend.bravosolution.com>

Buyer's address

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

I.3) Communication

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

<https://turnerandtownsend.bravosolution.com/web/login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://turnerandtownsend.bravosolution.com/web/login.html>

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, Build, Operation and Maintenance of a Solar PV Plant

II.1.2) Main CPV code

- 45251100 - Construction work for power plant

II.1.3) Type of contract

Works

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 opportunity to submit a tender to design, build, operate and maintain 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
- 71323100 - Electrical power systems design services
- 50800000 - Miscellaneous repair and maintenance services
- 50710000 - Repair and maintenance services of electrical and mechanical building installations

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 mechanical infrastructure within the site.
4. Surveys, design, power system, and provide information to support grid compliance studies as required to offload, install, commission, and test.

5. 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.
6. Civil, structural, and building works for the site including transformer stations, ground works, drainage, foundations, access roads, fencing, CCTV, and landscaping.
7. Control infrastructure for the power plant control system including, inter alia, the overarching energy management system, monitoring system, and any other necessary hardware.
8. 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.
9. Temporary power to all equipment within the site until the grid connection has been made.
10. Commissioning of all equipment supplied and installed to all relevant regulations and standards.
11. Landscaping of the site in accordance with the planning permission.
12. O&M services for the first two years between Provisional Acceptance Certificate (PAC) and Final Acceptance Certificate (FAC). There will be an option to extend the contract for O&M services for an additional 3 years (maximum of 5 years in total).

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.2.5) Award criteria

Quality criterion - Name: Technical Requirements / Weighting: 30%

Quality criterion - Name: Construction Approach / Weighting: 15%

Quality criterion - Name: QHSE / Weighting: 15%

Quality criterion - Name: Sustainability / Weighting: 5%

Quality criterion - Name: Programme / Weighting: 10%

Price - Weighting: 25%

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months

72

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

II.2.14) Additional information

To register your interest in this future opportunity, please go to <https://turnerandtownsend.bravosolution.com/web/login.html> and click register.

Once you have completed registration on the eTender system, please contact Mihai Comaniciu (MihaiComaniciu@Fichtner.co.uk), Kenzey Fordyce (kenzey.fordyce@bp.com) and Chris Gough (chris.gough@turntown.co.uk) to request access to tender documents.

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

III.2) Conditions related to the contract

III.2.3) Information about staff responsible for the performance of the contract

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

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: [2023/S 000-015321](#)

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

Originally published as:

Date

28 July 2023

Local time

12:00pm

Changed to:

Date

11 August 2023

Local time

12:00pm

See the [change notice](#).

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: 30 November 2023

IV.2.7) Conditions for opening of tenders

Date

31 July 2023

Local time

12:00pm

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: No

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=736416.

The Contracting Authority does not intend to include a sub-contract clause as part of community benefits (as per Section 25 of the Procurement Reform (Scotland) Act 2014) in this contract for the following reason:

The Contractor will be required to identify sub-contractors prior to submitting their response to this tender.

Community benefits are included in this requirement. For more information see:

<https://www.gov.scot/policies/public-sector-procurement/community-benefits-in-procurement/>

A summary of the expected community benefits has been provided as follows:

It is expected that through the delivery of this contract, the CONTRACTOR will work with the CLIENT to achieve the CLIENT'S sustainability and social value objectives, which include supporting the Just Transition and supporting the UK's Net Zero target. Activities shall include but not be limited to:

- The CONTRACTOR should develop a local supply chain where possible, in order to promote local skills and employment, with the objective of supporting a Just Transition to Net Zero.
- The CONTRACTOR should seek opportunities to upskill their own workforce, and the workforce for their supply chain, with the objective of supporting a Just Transition to Net Zero.
- The CONTRACTOR should contribute to Scotland and Aberdeen's overall climate ambitions and net zero targets by calculating and reducing the carbon created by their activity related to the Aberdeen Hydrogen Hub project and that of their supply chain.
- The CONTRACTOR should promote the development of local skills and employment opportunities related to this contract, both within the Contractor's organisation and their

supply chain.

(SC Ref:736416)

VI.4) Procedures for review

VI.4.1) Review body

Aberdeen Sheriff Court

53 Castle St.

Aberdeen

Country

United Kingdom