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Tender

Redcar Hydrogen Community Project - Above Ground Storage for 10 Tonnes of Hydrogen

NORTHERN GAS NETWORKS LIMITED

F05: Contract notice – utilities

Notice identifier: 2023/S 000-030312

Procurement identifier (OCID): ocds-h6vhtk-040bf3

Published 13 October 2023, 2:35pm

Section I: Contracting entity

I.1) Name and addresses

NORTHERN GAS NETWORKS LIMITED

1100 Century Way Thorpe Park

LEEDS

LS158TU

Contact

Andrew Christophers

Email

achristophers@northerngas.co.uk

Telephone

+44 7510367358

Country

United Kingdom

Region code

UKE42 - Leeds

Companies House

05167070

Internet address(es)

Main address

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

I.3) Communication

Access to the procurement documents is restricted. Further information can be obtained at

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

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

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

Tenders or requests to participate must be submitted to the above-mentioned address

I.6) Main activity

Production, transport and distribution of gas and heat

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Redcar Hydrogen Community Project - Above Ground Storage for 10 Tonnes of Hydrogen

II.1.2) Main CPV code

- 44615100 - Steel pressure vessels

II.1.3) Type of contract

Supplies

II.1.4) Short description

Northern Gas Networks (NGN) are looking for a business to invest in the construction of ten high pressure vessels to be installed on Tees Works land for use during our Redcar Hydrogen Community project.

NGN will agree lease terms for a 3-year period after which the successful party will have the option for the assets to remain on site and the lease assigned over or remove and repurpose them for future use.

NGN have a detailed design for the pressure vessels and are currently designing options for future proofing the asset.

The successful party will become a key partner in the UK's first ever hydrogen village where the project will provide hydrogen to heat around 2,000 homes and business in Redcar.

Interested parties need to have experience in procuring, constructing and operating high pressure vessels and be willing to invest in the construction of these assets and lease them back to the project.

This Contract Notice is the first stage of a multistage procurement process which will seek to identify a suitable supplier to provide an above ground storage solution for this ground-breaking, high-profile project.

Hydrogen Storage is key to allow for daily usage fluctuations.

NGN are exploring the option of having above ground high pressure storage tanks (in the

form of "Bullets") to store approximately 10 tonnes of Hydrogen.

The scope broadly comprises.

- Provision of 10 off 35bar pressure vessels
- Provision of a G17 approved and appraised civil design pack for piling foundations, concrete bases and vessel pipe supports (G17 to be issued to NGN)
- Construction of piling foundations, concrete bases and vessel pipe supports (inc' submission of all relevant management plans)
- Handover of as-built drawings, H&S File and G17 Part D and E forms
- Any statutory vessel maintenance and inspections (if required during the HVT period)
- Provision of a programme of works

Should you wish to participate further in this procurement event please email achristophers@northerngas.co.uk in the first instance.

On receipt of your email NGN will provide further information which will include equipment specifications and drawings along with a questionnaire for completion.

The deadline for requesting a questionnaire is 13th November 2023

The deadline for final submission of a response to the questionnaire is 27th November 2023

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKC - North East (England)

II.2.4) Description of the procurement

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Hydrogen Community project.

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Hydrogen Storage is key to allow for daily usage fluctuations.

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The scope broadly comprises.

- Provision of 10 off 35bar pressure vessels
- Provision of a G17 approved and appraised civil design pack for piling foundations, concrete bases and vessel pipe supports (G17 to be issued to NGN)
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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

Duration in months

36

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 IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for competition

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

13 November 2023

IV.2.4) Languages in which tenders or requests to participate may be submitted

English

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

Northern Gas Networks

Leeds

Country

United Kingdom