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Tender

Contract for the Provision of Low Carbon Heat to the Seaham Garden Village Via a District Heating Network

Durham County Council

F24: Concession notice

Notice identifier: 2021/S 000-028276

Procurement identifier (OCID): ocds-h6vhtk-02f5e1

Published 11 November 2021, 8:35pm

The closing date and time has been changed to:

17 December 2021, 12:00pm

See the [change notice](#).

Section I: Contracting authority/entity

I.1) Name and addresses

Durham County Council

County Hall

DURHAM

DH15UQ

Contact

Steven Saville

Email

steven.saville@durham.gov.uk

Telephone

+44 3000265736

Country

United Kingdom

NUTS code

UKC14 - Durham CC

Internet address(es)

Main address

www.durham.gov.uk

I.3) Communication

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

www.nepo.org

Additional information can be obtained from the above-mentioned address

Applications or, where applicable, tenders must be submitted electronically via

www.nepo.org

I.4) Type of the contracting authority

Regional or local authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Contract for the Provision of Low Carbon Heat to the Seaham Garden Village Via a District Heating Network

Reference number

DN581653

II.1.2) Main CPV code

- 45000000 - Construction work

II.1.3) Type of contract

Works

II.1.4) Short description

This contract is for the supply of low carbon heat from mine water to the Seaham Garden Village development.

The site of the proposed Seaham Garden Village development is adjacent to the Coal Authority's Dawdon mine water treatment scheme. This scheme protects vital drinking water abstraction from Durham Magnesian Limestone, and pumps up to 150 litres of mine water per second to the surface for treatment. This mine water is warmed by geothermal processes to provide a continuous supply of water at 18 to 20°C. With mine water temperatures unaffected by seasonal variations, there is a potential for low cost, low carbon sustainable energy to be made available for local space heating and hot water throughout the year.

The Coal Authority is advancing plans to convert the UK's abandoned coal mines from a liability to an asset of strategic importance to the UK. Dawdon is just one of 75 mine water treatment schemes across the UK that the Coal Authority operates. In total these schemes release circa 100MW of geothermal energy to the atmosphere that could be used for heating purposes. 25% of homes and businesses in the United Kingdom are in the coalfields and 9 of the 10 largest UK urban areas are over or adjacent to abandoned coal mines. This means that the Seaham Garden Village scheme has the potential to pave the way for the large-scale proliferation of mine energy district heating schemes across the coalfield communities.

II.1.5) Estimated total value

Value excluding VAT: £45,000,000

II.1.6) Information about lots

This concession is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 45000000 - Construction work

II.2.3) Place of performance

NUTS codes

- UKC14 - Durham CC

Main site or place of performance

Seaham Garden Village - County Durham

II.2.4) Description of the procurement

This contract is for the supply of low carbon heat from mine water to the Seaham Garden Village development.

The site of the proposed Seaham Garden Village development is adjacent to the Coal Authority's Dawdon mine water treatment scheme. This scheme protects vital drinking water abstraction from Durham Magnesian Limestone, and pumps up to 150 litres of mine water per second to the surface for treatment. This mine water is warmed by geothermal processes to provide a continuous supply of water at 18 to 20°C. With mine water temperatures unaffected by seasonal variations, there is a potential for low cost, low carbon sustainable energy to be made available for local space heating and hot water throughout the year.

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across the coalfield communities.

II.2.5) Award criteria

Concession is awarded on the basis of the criteria stated in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £45,000,000

II.2.7) Duration of the concession

Duration in months

480

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, indication of information and documentation required

Criteria as stated in the procurement documents

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 concession

III.2.2) Concession performance conditions

Criteria as stated in the procurement documents

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: No

IV.2) Administrative information

IV.2.2) Time limit for submission of applications or receipt of tenders

Originally published as:

Date

16 December 2021

Local time

12:00pm

Changed to:

Date

17 December 2021

Local time

12:00pm

See the [change notice](#).

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.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.4) Procedures for review

VI.4.1) Review body

Durham County Council

County Hall, Durham

Country

United Kingdom