

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/028276-2021>

Opportunity

## **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 reference: 2021/S 000-028276

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](mailto: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](http://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](http://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](http://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.

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.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