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Not applicable

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

Durham County Council

F14: Notice for changes or additional information

Notice identifier: 2021/S 000-028620

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

Published 16 November 2021, 4:10pm

Section I: Contracting authority/entity

I.1) Name and addresses

Durham County Council

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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.

Section VI. Complementary information

VI.6) Original notice reference

Notice number: [2021/S 000-028276](#)

Section VII. Changes

VII.1.2) Text to be corrected in the original notice

Section number

IV.2.2

Instead of

Date

16 December 2021

Local time

12:00pm

Read

Date

17 December 2021

Local time

12:00pm