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Planning

## **Brodsworth Mine Water Monitoring Borehole**

The Coal Authority

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-020287

Procurement identifier (OCID): ocds-h6vhtk-047a32

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### **Section I: Contracting authority**

#### **I.1) Name and addresses**

The Coal Authority

200 Lichfield Lane

MANSFIELD

NG184RG

#### **Contact**

Adam Beckett

#### **Email**

[AdamBeckett@coal.gov.uk](mailto:AdamBeckett@coal.gov.uk)

#### **Telephone**

+44 7776589350

#### **Country**

United Kingdom

**Region code**

UKF15 - North Nottinghamshire

**Justification for not providing organisation identifier**

Not on any register

**Internet address(es)**

Main address

<https://www.gov.uk/government/organisations/the-coal-authority>

**I.3) Communication**

Additional information can be obtained from the above-mentioned address

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Environment

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## **Section II: Object**

### **II.1) Scope of the procurement**

#### **II.1.1) Title**

Brodsworth Mine Water Monitoring Borehole

#### **II.1.2) Main CPV code**

- 76530000 - Downhole services

#### **II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

The Coal Authority (Client) was established by Parliament to undertake specific statutory duties, set out in the Coal Industry Act 1994, associated with licensing coal mining operations; managing property and the historic legacy arising from the ownership of the coal reserves and underground workings; settling subsidence damage claims not falling on coal mine operators and providing access to coal mining information.

##### 1. Background

The mine water in the Barnsley-Manvers-Grimethorpe mine water block is thought to be rising.

Recovered mine water in this area represents a potential risk to the overlying Permian aquifer, as well as surface water in the area. To assess the mine water regime, and inform future mine water management strategies, a borehole is required that would target the Brodsworth or Bullcroft colliery mine workings.

Therefore, the Coal Authority (CA) requires a mine water monitoring borehole to increase the monitoring infrastructure in the area. The data from this borehole will be used to improve understanding of mine water in the Barnsley-Manvers-Grimethorpe mine water block, through water level monitoring and quality sampling.

##### 2. Delivery

The CA look to collaboratively engage with landowners to obtain access and a licence to carry out the drilling works. It should be noted that this engagement may take up to a maximum of 15 months, from initial point of contact however, in some cases this is

significantly less.

With this in mind, the Invitation to Tender is sent out part-way through this timeframe. Nevertheless, and to avoid any delays, the Contract will be awarded with a Contract Award Date and Start Date as two different dates.

### 3. Engagement Opportunities

The CA are always looking for ways to improve and streamline projects.

Due to the defined verticality requirements, it is envisaged that the most robust and reliable method of completing the mine water monitoring boreholes is by drilling a pilot hole using a wireline coring system, followed by reaming to the required diameter(s).

However, the CA would welcome your feedback on this including any other methods that may be deemed more suitable to guaranteeing verticality such as directional drilling.

#### **II.1.5) Estimated total value**

Value excluding VAT: £800,000

#### **II.1.6) Information about lots**

This contract is divided into lots: No

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 76530000 - Downhole services

#### **II.2.3) Place of performance**

NUTS codes

- UKE - Yorkshire and the Humber

#### **II.2.4) Description of the procurement**

Open tender

#### **II.2.14) Additional information**

Key Requirements

Operational time: By summer 2025

Methodology: Anticipated to require a pilot hole to be drilled by wireline coring methods to assist in maintaining verticality

Borehole depth: Estimated 515 metres below ground level (m bgl)

Final internal diameter Minimum of 150mm

Borehole deviation: 2m from surface location of borehole (0.2 from vertical)

Design life: Minimum of 20 years

Headworks: To be completed under a square split lockable manhole cover at surface, minimum of 600mm x 600mm with D400 rating

### **II.3) Estimated date of publication of contract notice**

30 November 2024

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## **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: Yes

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## **Section VI. Complementary information**

### **VI.3) Additional information**

Should you wish to participate in any electronic tender exercise you will need to register your company details, which will require the provision of some company information and agreement to terms and conditions to access the system.

Use of the system is free of charge.

In order to register please log on to <https://inbye.coal.gov.uk/s2c/>