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Tender

Environmental Data Management

The Coal Authority

F02: Contract notice

Notice identifier: 2021/S 000-024872

Procurement identifier (OCID): ocds-h6vhtk-02e895

Published 6 October 2021, 10:57am

Section I: Contracting authority

I.1) Name and addresses

The Coal Authority

200 Lichfield Lane

MANSFIELD

NG184RG

Contact

Gareth Billings

Email

garethbillings@coal.gov.uk

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

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

I.3) Communication

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

<https://inbye.coal.gov.uk/s2c/>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://inbye.coal.gov.uk/s2c/>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Environment

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Environmental Data Management

Reference number

CA18/2/1/42

II.1.2) Main CPV code

- 72200000 - Software programming and consultancy services

II.1.3) Type of contract

Services

II.1.4) Short description

We are inviting tenders for provision of an environmental data management system that will modernise the collection, quality checking, editing, storage, analysis and reporting of our environmental data.

This tender will be managed through our Procurement Portal InBye where all tender documents can be found.

Please invite yourself to this event on our portal to participate.

In order to register please log on to:

<https://inbye.coal.gov.uk/s2c/>

Please refer to the Contracts Finder Contract Notice for further guidance on how to register for this event.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 48600000 - Database and operating software package
- 72300000 - Data services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

The Coal Authority generates large volumes of environmental data through the part of our business which manages the environmental legacy of mining across the UK. We operate over 75 mine water treatment schemes that remove contaminating metals from mine water prior to the treated water being discharged into a receiving watercourse. Schemes

range from complex process engineering plants, through pumped wet wells and boreholes / mineshafts, to totally natural (passive) schemes without a power source. The majority of treatment schemes comprise of aeration cascades, settlement ponds and reed beds. All schemes are subject to regulatory consents and licenses.

We have an extensive monitoring network across the mine water treatment schemes monitoring scheme performance. A wider network of boreholes and sampling locations is used to monitor changes in ground water level (monitoring mine water recovery across coalfields) and water quality within mine workings and at untreated mine water discharges. The total number of monitoring locations is around 2,000 but this may rise to nearer 3,000 as new treatment schemes are built or treatment trials carried out. We are increasingly helping others with monitoring of other types of mines.

Environmental data is collected across the treatment schemes and monitoring network which includes; laboratory analysis of water and solids, onsite water quality measurements, hydrometry data including manual and logged stage and flow readings from weirs and spot flow gauging, telemetered process data (such as pump rates or electric metering), manual and logged water level and temperature measurements from boreholes or mine shafts, logged rainfall data, manual or logged gas data and solid samples of lagoon sludge. Most data types are collected as continually expanding time series. A small part of the overall data comprises geophysical surveys of boreholes and shafts.

The Coal Authority has a requirement for a single data storage system which will consolidate our environmental data sets, incorporate data processing, quality checking and editing tools (including recording of any automated, or manual data changes) and make the data more accessible for use across the business.

We are inviting tenders for provision of an environmental data management system that will modernise the collection, quality checking, editing, storage, analysis and reporting of our environmental data.

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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

Start date

14 March 2022

End date

13 March 2027

This contract is subject to renewal

No

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: Yes

Description of options

Initial 5 year period with options to extend by a further 1+1+1 years to a total duration of 8 years.

Section III. Legal, economic, financial and technical information

III.1) Conditions for participation

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

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Open procedure

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

17 November 2021

Local time

12:00pm

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

English

IV.2.6) Minimum time frame during which the tenderer must maintain the tender

Duration in months: 4 (from the date stated for receipt of tender)

IV.2.7) Conditions for opening of tenders

Date

18 November 2021

Local time

9:00am

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

The Coal Authority

200 Lichfield Lane Mansfield

Mansfield

NG184RG

Country

United Kingdom