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Contract

Environmental Data Management

The Coal Authority

F03: Contract award notice

Notice identifier: 2022/S 000-036667

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

Published 29 December 2022, 1:21pm

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

Telephone

+44 1623637280

Country

United Kingdom

Region code

UKF15 - North Nottinghamshire

Justification for not providing organisation identifier

Not on any register

Internet address(es)

Main address

www.coal.gov.uk

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

- 72300000 - Data services

II.1.3) Type of contract

Services

II.1.4) Short description

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.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Value excluding VAT: £498,182

II.2) Description

II.2.2) Additional CPV code(s)

- 48600000 - Database and operating software package

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

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II.2.5) Award criteria

Price

II.2.11) Information about options

Options: Yes

Description of options

Initial term of 5 years, with options to extend by a further 1+1+1 years to maximum total duration of 8 years.

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.2.1) Previous publication concerning this procedure

Notice number: [2021/S 000-024872](#)

IV.2.9) Information about termination of call for competition in the form of a prior information notice

The contracting authority will not award any further contracts based on the above prior information notice

Section V. Award of contract

Contract No

CA18/2/1/42

Title

Environmental Data Management

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

18 October 2022

V.2.2) Information about tenders

Number of tenders received: 9

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Aquatic Informatics

1111 West Georgia St

Vancouver

BC V6E 4M3

Country

United Kingdom

NUTS code

- UK - United Kingdom

Justification for not providing organisation identifier

Not on any register

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Total value of the contract/lot: £498,182

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The Coal Authority

Mansfield

Country

United Kingdom