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Planning

Hydrometry

The Coal Authority

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-014179

Procurement identifier (OCID): ocds-h6vhtk-02bed6

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Section I: Contracting authority

I.1) Name and addresses

The Coal Authority

200 Lichfield Lane

MANSFIELD

NG184RG

Contact

Jacob Collishaw

Email

Jacobcollishaw@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

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

Hydrometry

II.1.2) Main CPV code

- 71631440 - Flow-monitoring services

II.1.3) Type of contract

Services

II.1.4) Short description

The Coal Authority intends to tender for the provision of Hydrometric Monitoring services. The framework will be divided into approximately 7 lots:

Lot 1 - Options Assessment

Lot 2 - Weirs and Flumes

Lot 3 - Loggers, Water Level Sensors, Rain Gauges and Water Quality Sensors

Lot 4 - Velocity Meters

Lot 5 - Spot Flow Gauging and Water Quality Sampling

Lot 6 - MCERTS

Lot 7 - Hydrometric Monitoring (General Lot)

II.1.5) Estimated total value

Value excluding VAT: £400,000

II.1.6) Information about lots

This contract is divided into lots: Yes

II.2) Description

II.2.1) Title

Options Assessment

Lot No

1

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Options Assessment - Site survey, options report and detailed design drawings to determine the best flow measurement solution for a site.

II.2) Description

II.2.1) Title

Weirs and Flumes

Lot No

2

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Weirs and Flumes - Installation, maintenance and decommissioning of weirs and flumes in accordance with ISO standards.

II.2) Description

II.2.1) Title

Loggers, Water Level Sensors, Rain Gauges and Water Quality Sensors

Lot No

3

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Loggers, Water Level Sensors, Rain Gauges and Water Quality Sensors - Installation, calibration, maintenance and decommissioning of loggers, water level sensors, water quality sensors and rain gauges

II.2) Description

II.2.1) Title

Velocity Meters

Lot No

4

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Velocity Meters - Installation, calibration, maintenance and decommissioning of velocity meters to ISO standard. This work is likely to include confined space entry

II.2) Description

II.2.1) Title

Spot Flow Gauging and Water Quality Sampling

Lot No

5

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Spot Flow Gauging and Water Quality Sampling - Spot flow gauging (salt dilution gauging, current meter gauging and ADCP) and water quality sampling programmes, in accordance with ISO standard.

II.2) Description

II.2.1) Title

MCERTS

Lot No

6

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

MCERTS - inspection, flow meter calibration, QMS Audit.

II.2) Description

II.2.1) Title

Hydrometric Monitoring (General Lot)

Lot No

7

II.2.2) Additional CPV code(s)

- 71631440 - Flow-monitoring services

II.2.3) Place of performance

NUTS codes

- UK - United Kingdom

II.2.4) Description of the procurement

Hydrometric Monitoring (General Lot) - For Projects which include aspects of more than 1 of the above Lots

II.3) Estimated date of publication of contract notice

26 July 2021

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

Section VI. Complementary information

VI.3) Additional information

This notice is not a call for competition - The Coal Authority intends to issue the call for competition on or after 26th July 2021.

Supplier engagement notification

Prior to starting the formal tendering process, The Coal Authority will host two supplier engagement events via Zoom.

The purpose of these events are to provide further information about this requirement, the tendering process, and to invite feedback and questions from potential bidders.

Dates/times:

Tuesday 6th July 2021 - 14:00

Tuesday 20th July 2021 - 10:00

Interested parties should email Jacob Collishaw - JacobCollishaw@coal.gov.uk to book a place or if there are any queries about this requirement.

Requirement Overview

Deliverables from this contract are to provide a service to undertake Hydrometric Monitoring for The Coal Authority, at coal and metal mine sites across the UK.

The Coal Authority intends to tender for the provision of Hydrometric Monitoring services. The framework will be divided into approximately 7 lots as detailed in this notice :

This is a non-exclusive framework agreement, and The Coal Authority is unable to guarantee the volume and value of allocated work.

Tenderers may submit a bid for single, multiple or all lot(s).

We may also split some of the lots regionally, so suppliers do not have to necessarily be able to cover the whole of the UK.

Lot 1 - Options Assessment

At locations where we don't currently have any existing flow monitoring, we will often

conduct an options assessment.

This involves a site survey, options report and then detailed design drawings of the preferred option.

Suppliers will need to be able to demonstrate a comprehensive understanding of flow measurement techniques, measurement uncertainty, requirements of the relevant ISO standards, the pros and cons of each option and have demonstrable experience of designing and managing a contractor to install flow measurement solutions, often at remote sites. In some cases, the supplier who undertakes the options assessment will then be appointed to install the preferred solution.

Flow measurement solutions may include, but not be limited to: weirs and flumes, velocity meters, pipe flow meters, Stage-Discharge sites etc.

Lot 2 - Weirs and Flumes

This lot will involve the installation of weirs and flumes, either based upon design drawings from an options assessment (see Lot 1), to replace an existing weir or flume or to design and install within an existing channel.

Design and installation work should be undertaken in accordance with the relevant ISO standard, and all installation work will be carried out under CDM.

Lot 3 - Loggers, Water Level Sensors, Rain gauges and Water Quality Sensors

This lot will involve the installation of data loggers, water level sensors, rain gauges and water quality sensors.

Wherever possible, the data loggers should be installed on telemetry, and be battery powered without solar panels. We currently use Hydro-Logic Flexi-Loggers, OTT EcoLog and NetDL loggers, and our preference is to appoint suppliers who can install, maintain, calibrate and decommission these logger types. All installation work will be carried out under CDM.

Applications include:

- Water level sensors for flow monitoring at weirs and flumes - either pressure transmitters or non-contact sensors such as radar sensors.
- Groundwater monitoring in boreholes
- Rainfall monitoring

- Water Quality monitoring

Lot 4 - Velocity Meters

This lot will involve the installation, calibration, maintenance and decommissioning of velocity meters (either contact or non-contact).

Some of the installations will be in pipes requiring access to confined spaces, whilst others will be in open channels or pipes that are accessible from the surface.

The velocity meters should be compatible with either of the telemetry loggers listed under Lot 3, and in most cases will need to be battery powered, preferably without the need for solar panels.

All installation work will be carried out under CDM.

Lot 5 - Spot Flow Gauging and Water Quality sampling

This lot will involve spot flow gauging and water quality measurements, often taken at several locations within a particular catchment, or to validate existing flow measurement sites. Spot flow gauging techniques required will include Salt Dilution Gauging, Current Meter Gauging and ADCP Gauging, in accordance with the relevant ISO standard.

Water quality sampling will include taking samples for laboratory analysis (in most cases sent to SOCOTEC laboratories), and manual measurements using a hand held water quality meter.

Lot 6 - MCERTS

This lot will include MCERTS inspections at our Mine Water Treatment Schemes, flow meter calibration and QMS advice and auditing services.

Lot 7 - Hydrometric Monitoring (General Lot)

This will be a general lot, for projects which include aspects covered by more than 1 of the above.

Note: Any work involving construction or installation will be undertaken in accordance with CDM. Installation of loggers and velocity meters may be required on a hire basis from time to time.

About the buyer

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