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Contract

UKHSA – Air Monitoring Equipment

Secretary of State for Health and Social Care acting as part of the Crown through UK Health Security Agency

F03: Contract award notice

Notice identifier: 2024/S 000-008796

Procurement identifier (OCID): ocds-h6vhtk-044a46

Published 19 March 2024, 11:29am

Section I: Contracting authority

I.1) Name and addresses

Secretary of State for Health and Social Care acting as part of the Crown through UK Health Security Agency

10 South Colonnade

London

E14 4PU

Contact

Procurement Operations

Email

procurement.operations@dhsc.gov.uk

Country

United Kingdom

Region code

UKI42 - Tower Hamlets

Internet address(es)

Main address

<https://www.gov.uk/government/organisations/uk-health-security-agency>

Buyer's address

<https://www.gov.uk/government/organisations/uk-health-security-agency>

I.4) Type of the contracting authority

Ministry or any other national or federal authority

I.5) Main activity

Health

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

UKHSA – Air Monitoring Equipment

Reference number

C235857

II.1.2) Main CPV code

- 38434000 - Analysers

II.1.3) Type of contract

Supplies

II.1.4) Short description

UKHSA – Air Monitoring Equipment

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: £828,997.97

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKD45 - Mid Lancashire

Main site or place of performance

Environment Agency,
Spurrier House,
Lancashire Business Park,
Centurion Way,

Leyland Lancaster,
PR26 6TZ

II.2.4) Description of the procurement

The EA routinely use this range of instruments within their fleet due to it being only EU reference standard light scatter instrument that can detect a range of particulate matter fractions.

Description: EHE has limited mobile capability for real-time monitoring of ambient particulate matter which is a key ambient air quality pollutant of concern for health. Fidas is an aerosol spectrometer developed specifically for regulatory air pollution control. It analyses continuously the fine dust particles present in the ambient air in the size range 180 nm – 18 µm and calculates simultaneously measurements of particulate matter size fractions PM10 and PM2.5 in ambient air. At the same time particulate matter size fractions PM1, PM4, PM total, the particle number and the particle size distribution are calculated and recorded. It thus delivers comprehensive information about the fine dust particles. The equipment has MCERTs1 approval and EU equivalence.

Instrument: ABB LGR Greenhouse Gas Los Gatos Analyser CH4 / CO2 / H2O vapour

Description: EHE has no mobile capability to monitor for greenhouse gases with respect to climate change but also track substances that contribute to ambient air quality issues. Los Gatos Greenhouse Gas Analyser is the world's most advanced instrument for simultaneous measurements of methane, carbon dioxide and water vapor. It is simple to use, low power and rugged which makes it ideal for field and air quality studies as well as having the ability to measure all gases quickly.

Instrument: Teledyne T500U nitrogen dioxide (NO2) Cavity Attenuated Phase Shift (CAPS) analyser

Description: The T500U CAPS NO2 Analyser represents the next generation of criteria pollutant monitoring technology for the direct measurement of nitrogen dioxide in air. The instrument utilizes a patented Cavity Attenuated Phase Shift (CAPS) technique to provide an extremely sensitive, fast and accurate NO2 measurement in a cost effective and low maintenance instrument package.

Instrument: Teledyne T300 carbon monoxide (CO) analyser

Description: The instrument measures low ranges of carbon monoxide by comparing infrared energy absorbed by a sample to that absorbed by a reference gas according to the Beer-Lambert law. Using a Gas Filter Correlation Wheel, a high energy Infra-Red (IR) light source is alternately passed through a CO filled chamber and a chamber with no CO present. The light path then travels through the sample cell, which has a folded path of 14 meters. The energy loss through the sample cell is compared with the span reference signal provided by the filter wheel to produce a signal proportional to concentration, with little effect from interfering gases within the sample. This design produces excellent zero and span stability and high signal to noise ratio, allowing extreme sensitivity.

Instrument: Teledyne T400 ozone analyser

Description: This absorption analyser uses a system based on the Beer-Lambert law for measuring low ranges of ozone in ambient air. A 254 nm UV light signal is passed through

the sample cell where it is absorbed in proportion to the amount of ozone present. Periodically, a switching valve alternates measurement between the sample stream and a sample that has been scrubbed of ozone. The result is a true, stable ozone measurement.

Instrument: Teledyne T101 sulphur dioxide (SO₂) analyser

Description: The Model T101 hydrogen sulphide (H₂S) analyser uses the proven Ultraviolet (UV) fluorescence principle to measure hydrogen sulphide at levels commonly required for ambient air monitoring. The Model T101 is equipped with an internally mounted catalytic converter set at 315 °C to convert H₂S to SO₂.

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: Yes

Description of options

The Authority may extend the Contract for a period of up to forty-eight (48) months by giving not less than ten (10) Working Days' notice in writing to the Supplier prior to the Expiry Date. The terms and conditions of the Contract shall apply throughout any such extended period.

II.2.13) Information about European Union Funds

The procurement is related to a project and/or programme financed by European Union funds: No

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

Single source for using Enviro Technology Services (ET) UK supplier and for purchasing the following instruments and equipment. The Radiation, Chemicals and Environmental Hazards (RCE) team intend for the Environment Agency (EA) to manage their fleet of trailers alongside their own fleet to reduce costs. As such, it is necessary to procure the same equipment as the EA to avoid a mixed fleet being created and increased complexity in the ongoing maintenance and parts for the units as well as increased costs for the management of the units. It will also allow instruments which break or need servicing to be swapped out for the same instrument during protracted monitoring campaigns to minimise data loss. This is in accordance with Reg 32 (2)(b)(ii) of the Public Contract Regulations 2015.

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

Section V. Award of contract

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

1 March 2024

V.2.2) Information about tenders

Number of tenders received: 1

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

V.2.3) Name and address of the contractor

Enviro Technology Services Ltd

Unit B1 Kingfisher Business Park London Road Stroud

Gloucestershire

GL5 2BY

Telephone

+44 1453722200

Country

United Kingdom

NUTS code

- UK - United Kingdom

National registration number

1726773

Internet address

www.et.co.uk

The contractor is an SME

Yes

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

Initial estimated total value of the contract/lot: £828,997.97

Lowest offer: £828,997.97 / Highest offer: £828,997.97 taken into consideration

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

The High Court

The Strand

London

WC2A 2LL

Country

United Kingdom

Internet address

<https://www.judiciary.uk/courts-and-tribunals/high-court/>

VI.4.2) Body responsible for mediation procedures

The High Court

The Strand

London

WC2A 2LL

Country

United Kingdom

Internet address

<https://www.judiciary.uk/courts-and-tribunals/high-court/>