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Contract

Contract for the Supply of Ambient Metals Monitoring System to the University of Birmingham

UNIVERSITY OF BIRMINGHAM

F03: Contract award notice

Notice identifier: 2021/S 000-016486

Procurement identifier (OCID): ocids-h6vhtk-02b805

Published 14 July 2021, 1:34pm

Section I: Contracting authority

I.1) Name and addresses

UNIVERSITY OF BIRMINGHAM

Chancellors Court,Edgbaston

BIRMINGHAM

B152TT

Contact

Susanna Ting

Email

S.Y.Ting@bham.ac.uk

Country

United Kingdom

NUTS code

UKG - West Midlands (England)

Internet address(es)

Main address

<https://www.birmingham.ac.uk/index.aspx>

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Contract for the Supply of Ambient Metals Monitoring System to the University of Birmingham

Reference number

SC9214/21

II.1.2) Main CPV code

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)

II.1.3) Type of contract

Supplies

II.1.4) Short description

Air Quality Supersite Triplets (UK-AQST) is a NERC funded national facility, and has been funded by NERC capital fund to provide access to two mobile air quality laboratories for UK atmospheric science community. The new air quality laboratories will be paired with one of the existing supersites in Birmingham, London or Manchester, to provide a first-ever monitoring of detailed air pollution composition at three different types of sites, e.g., roadside, urban, and rural (upwind) locations. As part of the newly funded UK-AQST, we wish to acquire one online XRF ambient multi- metal monitoring system and one Fidas, exactly the same as in the existing NERC-funded air quality supersite, for each mobile laboratory.

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: £201,255

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKG - West Midlands (England)

II.2.4) Description of the procurement

To provide the comparable results with data from existing air quality supersites in Birmingham, London or Manchester, the Air Quality Supersite Triplets wish to procure

- Ambient Metals Monitoring System
- XRF check standards
- PM10 inlet
- PM2.5 inlet
- Roof-pass through kit
- Inlet Swapping system

II.2.5) Award criteria

Price

II.2.11) Information about options

Options: No

II.2.14) Additional information

The University has applied a 10 calendar days standstill period from publication of this notice.

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:

AECOM is the only company that offers both instruments that provide an online observation of a range of metals in PM_{2.5} and PM₁₀ as well as total mass concentration of PM_{2.5} and PM₁₀. The online XRF instrument must provide the measurement of 67 metals simultaneously including Pb, As, and Cd. The instruments must be validated by US EPA Environmental Technology Verification programme, an automated source characterisation software for easy assessment of data collected on system, automatically create graphical displays, option to connect remotely to the system, proven ability to sample while in a moving vehicle, ability to automatically alternate between sampling PM₁₀ and PM_{2.5}. To the best of our knowledge, Xact is the only instrument that can meet this requirement

The Air Quality Supersite Triplets, funded by NERC, aims to provide consistent observations of aerosol and gas compositions at a roadside, urban background and rural sites simultaneously. The newly funded two air quality supersites will be paired with the existing urban background site, either at Birmingham, London or

Manchester for observations. Each of the existing supersites has exactly the same Xact and Fidas that we seek to procure. This will ensure that we are able to provide a consistent observation of aerosol compositions at all three sites so that we can better understand their sources and processes.

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 000-012435](#)

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

23 June 2021

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

ACOEM UK Limited

Tewkesbury Business Park

Tewkesbury

GL20 8GD

Country

United Kingdom

NUTS code

- UKK - South West (England)

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: £201,255

Total value of the contract/lot: £201,255

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

University of Birmingham

Birmingham

B15 2TT

Country

United Kingdom