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Award

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

UNIVERSITY OF BIRMINGHAM

F15: Voluntary ex ante transparency notice

Notice identifier: 2021/S 000-012435

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

Published 3 June 2021, 1:21pm

### **Section I: Contracting authority/entity**

#### **I.1) Name and addresses**

UNIVERSITY OF BIRMINGHAM

Chancellors Court, Edgbaston

BIRMINGHAM

B152TT

#### **Contact**

Susanna Ting

#### **Email**

[S.Y.Ting@bham.ac.uk](mailto: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

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## **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.2.11) 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.

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## Section IV. Procedure

### IV.1) Description

#### IV.1.1) Type of procedure

Negotiated without a prior call for competition

- The works, supplies or 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 PM2.5 and PM10 as well as total mass concentration of PM2.5 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 PM2.5. 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

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## **Section V. Award of contract/concession**

A contract/lot is awarded: Yes

### **V.2) Award of contract/concession**

#### **V.2.1) Date of conclusion of the contract**

3 June 2021

#### **V.2.2) Information about tenders**

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

#### **V.2.3) Name and address of the contractor/concessionaire**

ACOEM UK LTD

Ground Floor Offices, C1 The Courtyard, Tewkesbury Business Park

Tewkesbury

GL20 8GD

Country

United Kingdom

NUTS code

- UKK - South West (England)

The contractor/concessionaire is an SME

Yes

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

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

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## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

University of Birmingham

Birmingham

B15 2TT

Country

United Kingdom