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Planning

Air Quality Sensors

Liverpool City Council

F01: Prior information notice

Prior information only

Notice identifier: 2021/S 000-017160

Procurement identifier (OCID): ocds-h6vhtk-02ca76

Published 21 July 2021, 10:35am

Section I: Contracting authority

I.1) Name and addresses

Liverpool City Council

Cunard Building, Water Street

Liverpool

L3 1DS

Contact

Ms Aimee Magill

Email

Aimee.Magill@liverpool.gov.uk

Telephone

+44 1512333000

Country

United Kingdom

NUTS code

UKD7 - Merseyside

Internet address(es)

Main address

<http://www.liverpool.gov.uk>

Buyer's address

<http://www.liverpool.gov.uk>

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://procontract.due-north.com>

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Regional or local authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Air Quality Sensors

Reference number

DN557720

II.1.2) Main CPV code

- 38344000 - Pollution-monitoring devices

II.1.3) Type of contract

Supplies

II.1.4) Short description

The council have been awarded a grant from DEFRA to operate an air quality project in schools. We are collaborating with the Environmental Research Group at Imperial College London as a sub-contractor to deliver a citizen science project where 200 school children across four schools in Liverpool will measure their personal PM2.5 exposure utilising wearable sensors embedded within school backpacks for a school week. The council and ICL will work together to provide educational resources and classes for the schools. These aspects of the project have already been procured and are not part of this tender.

The Tender

As part of this project, low-cost, real-time, fixed air quality monitors measuring PM2.5 and PM10 will be placed in locations around the school such as the playground and drop off areas to contrast against personal exposure and highlight the differences between concentrations in the different environments. We are looking for a supplier who will provide, install and maintain the air quality sensors and will provide the recorded data to the council and schools for the duration of the project. All fixtures, fittings, communications equipment and any additional equipment needed to secure a power supply (e.g. cables or solar panels) will need to be provided as part of the tender.

Two schools will be part of the project during the Autumn 2021 term and two schools during the Spring 2022 term. There is a possibility that the project may be delayed to take place over the Spring 2022 and Summer 2022 term. There will be a minimum of 3 sensors per school and therefore a total of six sensors required at any one time.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKD7 - Merseyside

II.2.4) Description of the procurement

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II.3) Estimated date of publication of contract notice

15 September 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: Yes