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Contract

## **5G Enabled Road Sensing Project**

West Midlands Combined Authority

F03: Contract award notice

Notice identifier: 2021/S 000-014760

Procurement identifier (OCID): ocds-h6vhtk-02c11b

Published 28 June 2021, 10:45pm

### **Section I: Contracting authority**

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

West Midlands Combined Authority

16 Summer Lane

Birmingham

B19 3SD

#### **Email**

[Procurement.team@wmca.org.uk](mailto:Procurement.team@wmca.org.uk)

#### **Telephone**

+44 3453036760

#### **Country**

United Kingdom

#### **NUTS code**

UKG - West Midlands (England)

**Internet address(es)**

Main address

<http://www.wmca.org.uk>

**I.4) Type of the contracting authority**

Regional or local authority

**I.5) Main activity**

General public services

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

5G Enabled Road Sensing Project

Reference number

02357-2020

**II.1.2) Main CPV code**

- 45316210 - Installation of traffic monitoring equipment

**II.1.3) Type of contract**

Works

**II.1.4) Short description**

The purpose of this project is to expand and upgrade the current coverage of the road network sensors used by the West Midlands Combined Authority (WMCA) in order to collate data on transport habits across the West Midlands and in particular the Key Route Network

(<https://www.tfwm.org.uk/strategy/network-resilience/congestion-management-plan/key-route-network/>).

Such data will benefit from the region's 5G network and be used to facilitate better real time planning of the region's road network, resulting in a safer, more efficient, well maintained and managed network. In addition, such data can in turn be exploited in separately generated tools and applications delivered outside this project.

The project will develop or add to an existing data engine which will surface the data generated through the sensors in a scalable and user defined way to the support a range of applications, from operational, tactical, strategic, forecasting, and third party distribution.

#### **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: £3,000,000

### **II.2) Description**

#### **II.2.2) Additional CPV code(s)**

- 30237475 - Electric sensors
- 32412100 - Telecommunications network
- 32510000 - Wireless telecommunications system

#### **II.2.3) Place of performance**

NUTS codes

- UKG - West Midlands (England)

#### **II.2.4) Description of the procurement**

The supplier will be required to, in a collaborative manner, design, supply, install and deliver the required 5G road network sensors (estimated to be around 280 sensors across the KRN, although WMCA reserves the right to amend the quantity at a later date within the parameters of the tender submission) in order to unlock new data driven capabilities which can enable better outcomes for economic, environmental and societal policy agendas, including unlocking potential new mobility business models and services which rely on accurate network intelligence. Such works/services provided by the supplier shall be required to (a) provide the opportunity to test new capabilities provided through 5G communications, in particular benefits resulting from increased reliability, speed and low latency in the sharing of data in comparison with traditional fibre network, MESH

technology; and 4G communications; (b) be secure; (c) be operationally robust and efficient; (d) be future proofed with both 5G and transport networks in mind; and (e) be as cost effective as possible . This will inform future investment decisions as well as helping 'pull' the faster deployment of commercial 5G across the region – so providing a significant set of wider benefits for other potential users of 5G communications within the vicinity of the KRN.

WMCA has procured a supplier through an Competitive Procedure with Negotiation Process pursuant to Regulation 29 of the Public Contracts Regulations 2015 to design, supply, install and deliver the required testbed infrastructure in conjunction with Transport for West Midlands and West Midlands 5G.

#### **II.2.5) Award criteria**

Quality criterion - Name: Technical / Weighting: 55%

Quality criterion - Name: Social Value / Weighting: 5%

Cost criterion - Name: Build Cost / Weighting: 10%

Cost criterion - Name: Operational Efficiency / Weighting: 20%

Cost criterion - Name: Funding Contribution / Weighting: 10%

#### **II.2.11) Information about options**

Options: No

#### **II.2.13) Information about European Union Funds**

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

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Competitive procedure with negotiation

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

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2020/S 138-340751](#)

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

### **Contract No**

02357-2020

### **Title**

5G Enabled Road Sensing Project

A contract/lot is awarded: Yes

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

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

20 April 2021

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

Number of tenders received: 2

Number of tenders received from SMEs: 1

Number of tenders received by electronic means: 2

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

**V.2.3) Name and address of the contractor**

Vivacity Labs Ltd

London

Country

United Kingdom

NUTS code

- UKI - London

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: £3,000,000

Total value of the contract/lot: £2,999,999

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**Section VI. Complementary information**

**VI.4) Procedures for review**

**VI.4.1) Review body**

Royal Courts of Justice

London

Country

United Kingdom