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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

Telephone

+44 3453036760

Country

United Kingdom

NUTS code

UKG - West Midlands (England)

Internet address(es)

Main address

www.wmca.org.uk

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

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

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](#)

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

Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Royal Courts of Justice

London

Country

United Kingdom