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Awarded contract

TfGM Video Analytic Sensors

Transport for Greater Manchester

F03: Contract award notice
Notice reference: 2021/S 000-023642
Published: 23 September 2021, 9:20am

Section I: Contracting authority

I.1) Name and addresses

Transport for Greater Manchester

Transport for Greater Manchester, 2 Piccadilly Place

Manchester

M1 3BG

Contact

Ms Jade Rawlinson

Email

jade.rawlinson@tfgm.com

Country

United Kingdom

NUTS code

UKD3 - Greater Manchester

Internet address(es)

Main address

http://www.tfgm.com

Buyer's address

http://www.tfgm.com

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Facilitation of Public Transport

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

TfGM Video Analytic Sensors

Reference number

DN517171

II.1.2) Main CPV code

- 51314000 - Installation services of video equipment

II.1.3) Type of contract

Services

II.1.4) Short description

TfGM sought to procure a supplier for the supply, installation, maintenance and (at TfGM's option) decommissioning of video analytic sensors across Greater Manchester, along with an associated data platform to allow TfGM access to data outputs.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Lowest offer: £479,100 / Highest offer: £900,000 taken into consideration

II.2) Description

II.2.2) Additional CPV code(s)

- 30237475 - Electric sensors
- 35125100 - Sensors

II.2.3) Place of performance

NUTS codes

- UKD3 - Greater Manchester

II.2.4) Description of the procurement

TfGM sought to establish a contract for the purchase, installation, maintenance of video analytic sensors, and a data platform to access the data from the sensors. This will allow TfGM to improve its data which will enable us to justify, monitor and evaluate improvements we make to the transport network. It is anticipated that approximately 105 sensors will be purchased under this contract, though this is not confirmed and subject to change depending on cost and budget.

Around £180m is being invested in walking and cycling schemes in Greater Manchester (GM) to 2023, this is the largest single investment in transport in the city region and will support transport, decarbonisation, air quality and public health goals. Over the next 10-15 years we plan to invest around £1.5bn in walking and cycling infrastructure in GM.

We need to enhance our monitoring capabilities to be able to effectively measure the success of this substantial investment as well as to better understand the use of active travel modes across GM to inform long term cycling and walking strategies.

At present we have a shortfall in sources of continuous data on volumes of people cycling and (particularly) walking across GM. Existing continuous data sources are limited to around 70 automatic cycle counters (some of which also count people walking) across our 1,276 km² city region and a small number of locations (primarily in the regional centre) where video analytic sensor cameras have been installed on a trial basis through externally funded research projects.

We believe that a video analytics sensor-based technology will have advantages over more traditional loop- or radar-based counting systems in certain contexts, particularly in relation to the counting of people walking, and particularly in busy, mixed-mode environments.

This contract will enable us to utilise this technology as a key component of our walking and cycling monitoring plans. This is expected to include around 100 new monitoring locations in the next few years and further locations in future as more of the planned cycling and walking network is brought forwards.

Though the initial need for an enhanced monitoring network is to address our data deficit across the cycling and walking modes, we also envisage using the equipment for other purposes such as capturing data on motorised vehicles in future. We also expect to be able to use the technology for collecting different types of data (such as path tracing and zone occupancy) to meet wider analysis needs related to walking, cycling and other transport

modes

II.2.5) Award criteria

Quality criterion - Name: Quality / Weighting: 50

Quality criterion - Name: Social Value / Weighting: 10

Price - Weighting: 40

II.2.11) Information about options

Options: Yes

Description of options

The agreement includes two options to extend the agreement in each case for a further 12 months.

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

Open procedure

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: 2021/S 000-001115

Section V. Award of contract

Contract No

2020/377

Title

CONTRACT FOR THE PROVISION OF VIDEO ANALYTIC SENSORS AND ASSOCIATED SERVICES

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

5 August 2021

V.2.2) Information about tenders

Number of tenders received: 7

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

V.2.3) Name and address of the contractor

Vivacity Labs Limited

International House, 24 Holborn Viaduct, Holborn

London

EC1A 2BN

Country

United Kingdom

NUTS code

- UKI - London

Internet address

http://www.tfgm.com

The contractor is an SME

Yes

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

Lowest offer: £479,100 / Highest offer: £900,000 taken into consideration

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Section VI. Complementary information

VI.4) Procedures for review

VI.4.1) Review body

Transport for Greater Manchester

Manchester

Country

United Kingdom