Not applicable

TfL Video Management System (TVMS)

Transport for London

F14: Notice for changes or additional information

Notice identifier: 2022/S 000-033535
Procurement identifier (OCID): ocds-h6vhtk-0334da
Published 25 November 2022, 3:29pm

Section I: Contracting authority/entity

I.1) Name and addresses

Transport for London

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Region code

UK - United Kingdom

Internet address(es)

Main address

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Buyer's address

https://tfl.gov.uk

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

TfL Video Management System (TVMS)

Reference number

DN608736

II.1.2) Main CPV code

- 63712710 - Traffic monitoring services

II.1.3) Type of contract

Services

II.1.4) Short description

Transport for London (TfL) operates a number of surveillance camera systems in support of the services it provides across London. These are used for a variety of purposes including traffic management, traffic enforcement, incident management, security monitoring and health and safety management and by numerous stakeholders, including operational control rooms, third parties such as emergency services and other local and national highway authorities.

TfL is exploring opportunities to replace its current TfL ‘Streets and Tunnels’ Video Management System (VMS), covering the road network and road tunnels, with a single new cost effective, scalable, fit for purpose VMS solution (the new TfL VMS solution). Whilst it is expected that initial focus will be on ‘Streets and Tunnels’, the new TfL VMS solution will also need to be capable of scaling to incorporate components and system interfaces from TfL Bus Station sites.

It is expected that the new TfL VMS solution will allow TfL to fully utilise current and future open standards within the video and security marketplace and to embrace the evolving Artificial Intelligence (AI) and data technology landscape to deliver efficiencies and other improvements. This will enable TfL to deliver its strategic objectives as a transport authority and provide a step change in the use of visual derived data and information.

The new TfL VMS solution must support a number of existing legacy components, including CCTV cameras, and provide system interfaces for multiple internal operational systems consuming video and associated video data. The TfL VMS solution will also need to provide and accept video streams to and from third parties using suitable industry adopted protocols and standards. Additionally, it should support real-time video to web-based user interfaces so that the business can deliver services more easily and inexpensively to business units within TfL and other selected stakeholders, including operational control rooms, third parties such as emergency services, and other local and national highway authorities.

From a Bus Station perspective, the new TfL VMS solution will need to consider that TfL Bus Stations have limited remote access capability and separate CCTV systems with on-site video recording capability to support crime prevention and incident investigation. It is likely that TfL Bus Station connectivity will be limited to remote viewing capability and current on-site Bus Station recording solutions will not be replaced.

Section VI. Complementary information

VI.6) Original notice reference

Notice number: 2022/S 000-011837

Section VII. Changes

VII.1) Information to be changed or added

VII.1.2) Text to be corrected in the original notice

Section number

II.3

Instead of

Date

23 November 2022

Read

Date

10 March 2023

Section number

II.1.4

Instead of

Text

Transport for London (TfL) operates a number of surveillance camera systems in support of

the services it provides across London. These are used for a variety of purposes including traffic management, traffic enforcement, incident management, security monitoring and

health and safety management and by numerous stakeholders, including operational control

rooms, third parties such as emergency services and other local and national highway

authorities.

TfL is exploring opportunities to replace these operational systems with a single new cost

effective, scalable, fit for purpose solution. It is expected that the new solution will allow TfL

to fully utilise current and future open standards within the video and security marketplace and to embrace the evolving Artificial Intelligence (AI) and data technology landscape to deliver efficiencies and other improvements. This will enable TfL to deliver its strategic objectives as a transport authority and provide a step change in the use of visual derived data and information.

The new solution will need to support a number of existing legacy components, including cameras, and provide system interfaces for multiple internal operational systems consuming video and associated video data. The system will also need to provide and accept video streams to and from third parties using suitable industry adopted protocols and standards. Additionally, it should support real-time video to web-based user interfaces so that the business can deliver the service more easily and inexpensively to business units within TfL and other selected stakeholders.

It is anticipated that the initial scope of the system will include TfL's road network (including tunnels), but the new system and supporting services should be capable of scaling to incorporate components and system interfaces from other TfL business areas including TfL Bus Stations. TfL Bus Stations have separate CCTV systems with on-site video recording capability and limited remote access capability. Bus Station CCTV recordings are used for crime prevention purposes and to support incident investigation.

Read

Text

Transport for London (TfL) operates a number of surveillance camera systems in support

of the services it provides across London. These are used for a variety of purposes including traffic management, traffic enforcement, incident management, security monitoring and health and safety management and by numerous stakeholders, including operational control rooms, third parties such as emergency services and other local and national highway authorities.

TfL is exploring opportunities to replace its current TfL 'Streets and Tunnels' Video Management System (VMS), covering the road network and road tunnels, with a single new cost effective, scalable, fit for purpose VMS solution (the new TfL VMS solution). Whilst it is expected that initial focus will be on 'Streets and Tunnels', the new TfL VMS solution will also need to be capable of scaling to incorporate components and system interfaces from TfL Bus Station sites.

It is expected that the new TfL VMS solution will allow TfL to fully utilise current and future open standards within the video and security marketplace and to embrace the evolving Artificial Intelligence (AI) and data technology landscape to deliver efficiencies and other improvements. This will enable TfL to deliver its strategic objectives as a transport authority and provide a step change in the use of visual derived data and information.

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From a Bus Station perspective, the new TfL VMS solution will need to consider that TfL Bus Stations have limited remote access capability and separate CCTV systems with on-site video recording capability to support crime prevention and incident investigation. It is likely that TfL Bus Station connectivity will be limited to remote viewing capability and current on-site Bus Station recording solutions will not be replaced.

VII.2) Other additional information

The commencement of the TVMS tender process has been re-planned to allow TfL to re-evaluate its strategy in light of recent funding developments.