

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/033535-2022>

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

14 Pier Walk

London

SE10 0ES

#### **Contact**

Mr James Lonergan

#### **Email**

[tvmscommercial@tfl.gov.uk](mailto:tvmscommercial@tfl.gov.uk)

#### **Telephone**

+44 1111

**Country**

United Kingdom

**Region code**

UK - United Kingdom

**Internet address(es)**

Main address

<https://tfl.gov.uk>

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.

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.

## **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.