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Planning

TfL Prior Information Notice for Supply of a Tunnels Control and Monitoring System (TCMS)

Transport for London

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-019849

Procurement identifier (OCID): ocds-h6vhtk-04787f

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Section I: Contracting authority

I.1) Name and addresses

Transport for London

5 ENDEAVOUR SQUARE

LONDON

E201JN

Email

TCMS@tfl.gov.uk

Telephone

+44 7525984562

Country

United Kingdom

Region code

UKI - London

Justification for not providing organisation identifier

Not on any register

Internet address(es)

Main address

<http://www.tfl.gov.uk>

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

<http://www.tfl.gov.uk>

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

TfL Prior Information Notice for Supply of a Tunnels Control and Monitoring System (TCMS)

Reference number

ICT 14781

II.1.2) Main CPV code

- 72000000 - IT services: consulting, software development, Internet and support

II.1.3) Type of contract

Services

II.1.4) Short description

TfL wishes to invite potential suppliers to help shape how it might define, procure and contract for a Tunnels Control and Monitoring System (TCMS).

The purpose of this Prior Information Notice is to notify the market of TfL's intention to carry out early market engagement to assess the current market capabilities and appetite for the requirement, and to provide details of how the early market engagement process is to be conducted.

TfL, at any time through this market engagement process and, at its sole discretion, may enter into discussions with respondents to this PIN. Feedback from respondents will assist TfL in understanding the current supply market considerations for the TCMS and inform the continued development of the procurement strategy for any potential future contract(s).

Suppliers wishing to participate in this market engagement process and view all associated documents including the Market Brochure and Market Sounding Questionnaire (MSQ) should send an email to TCMS@tfl.gov.uk to express interest and provide appropriate contact details.

TfL reserves the right to make changes to this advertisement without notice and without reason at any time.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 48000000 - Software package and information systems

II.2.3) Place of performance

NUTS codes

- UKI - London

II.2.4) Description of the procurement

The Tunnels Control and Monitoring System is a software-based Traffic Management System.

This system is vital to TfL's performance of its authority duties and obligations, particularly with regard to the safety and operability of 12 existing road tunnels on the Transport for London Road Network and an additional one being added from 2025. This system monitors and controls the safety systems in the tunnels and the associated London Traffic Control Systems (LTRACS) on approximately 90km of approach roads.

There are several key features and capabilities of the current system:

- it ensures safety and mitigates disruption in road tunnels;
- it is capable of incident management; highlighting incidents, alarms and notifications to operator attention providing for automatic and manual incident management and User activity logging for an audit trail;
- it enables effective communications with the attending emergency services and other incident responders, enabling TfL to play an effective role in mitigating safety and network disruption risks - it also communicates internally, allowing operators to better collaborate on traffic network management and improve traffic management performance;
- it collects safety information from London's Tunnels, including Fire Systems, CCTV, SCADA (Supervisory Control and Data Acquisition) and other safety control systems; and
- it is responsible for various activities which are Network Information Systems (NIS) reportable.

These features enable TfL to perform its operating duties as the Highway Authority and Traffic Authority in respect of road user safety (main risks being fire and toxic spillages) and network performance.

TfL wishes to engage with the market to help shape how we might define, procure and contract a new Tunnels Control and Monitoring System. This will be achieved through assessing the current market capabilities and appetite for a TCMS contract.

TfL are seeking to explore different options for the procurement, delivery and ongoing operation of the TCMS including where enhancements to functionality and increased efficiencies may be possible.

As part of the early market engagement to be undertaken, TfL would like interested parties to respond to a Market Engagement Sounding Questionnaire. Parties that express their interest will be provided with a Market Brochure containing further details of the TCMS project along with the MSQ. Responses to the MSQ should be sent to TCMS@tfl.gov.uk and are politely requested by no later than Friday 26 July 2024. TfL will endeavour to keep all interested parties updated on future developments with regards to the TCMS project.

II.3) Estimated date of publication of contract notice

31 July 2025

Section IV. Procedure

IV.1) Description

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

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

TfL will manage the early market engagement process in an open and transparent manner to maximise the possible benefits. Response or non-response of the MSQ will not preclude or disadvantage/advantage any involvement in any potential future procurement activity.

However, direct or indirect canvassing of any TfL employee or agent concerning this requirement, or any attempt to procure information from any TfL employee or agent concerning this Prior Information Notice outside of the formal process described in this document may result in disqualification from consideration for any future procurement activity.

This Prior Information Notice is issued solely for the purpose of conducting a market engagement exercise and does not constitute any commitment by TfL to undertake any public procurement exercise in the future.

TfL will not enter into a contract based solely on the responses to this Prior Information Notice and no information contained in this document or in any communication made between TfL and any interested party in connection with this shall be relied upon as constituting a contract, agreement or representation that any contract shall be offered.

TfL is under no obligation to follow up this market engagement exercise in any way or with any interested parties. TfL is not liable for any costs, fees or expenses incurred by any party participating in this market engagement exercise. TfL cannot guarantee it will incorporate all or any feedback received into any subsequent procurement process.