

ITT2B-Scenario: Transportation Information, Security and Surveillance Systems

Question

Transportation Information, Security and Surveillance Systems

1. Background

- 1.1. Transportation information, security and Surveillance systems are used throughout the TfL/LU transportation network for surveillance and security functions to support normal, degraded and emergency service operation and aid in crime prevention and incident investigation.
- 1.2.
- 1.3. The programmes of work may cover the design and development of new, replacement and upgrades to existing Transportation information, security and Surveillance Systems, including CCTV, PA, PA/VA, Customer Information Systems, Passenger Help points and Station Management
- 1.4. The design of Transportation information, security and Surveillance Systems and data obtained via them is subject to various UK statutory requirements including provisions made under the Data Protection Act 2018, the Human Rights Act 1998 and the Freedom of Information act 2000.

2. Key Requirements

- 1.1 TfL is seeking specialist support to manage development, renewal and upgrades of Transportation Information, Security and Surveillance Systems. Working closely with programme teams the main requirement is to provide a safe environment for both Staff and the travelling public through the deployment of appropriate solutions.
- 1.2 There is a need to develop Transportation Information, Security and Surveillance requirements and implemented solutions from Sponsor requirements, best practice, analysis of system functions, together with stakeholder input.
- 1.3 There is a need to provide affordable solutions to maintain the safety and security of the transport network using a combination of integrated solutions and systems.

3. Key Accountabilities

- 1.4 Managing Transportation Information, Security and Surveillance System delivery, ensuring adequate assurance is provided to the client for them to authorise systems into use.
- 1.5 Establish and maintain effective working relationships with programme team discipline engineers, end user representatives, other third party suppliers, and any other stakeholders.
- 1.6 Oversee planning processes and ensure appropriate milestones are identified; robust schedules are created and maintained in accordance with corporate requirements

and systems. Ensure dependencies are understood and appropriately managed, both within the Programme and with other Programmes and activities across the business. Ensure milestone risks and issues are actively managed in accordance with TfL procedures and escalated in a timely manner where necessary.

- 1.7 Recommend an appropriate approach to change management in line with TfL's Business Change Framework. Develop and manage a comprehensive plan of activities to support delivery of the change, including impact assessment.

4. Response Content

- 4.1. In no more than 1500 words contained in a maximum of 4 sides of A4 (pictures, diagrams etc. may be included in the sides of A4 limit) evidence the following:
 - Your overall approach to the delivery of Information, Security and Surveillance systems.
 - Proposed programme management structure and high level governance arrangements, and approach to tracking and reporting progress
 - Proposed resources, including profiles of key personnel giving evidence of appropriate skills, knowledge and experience
 - Your understanding of critical success factors (acceptance criteria)
 - Your view of typical key lifecycle risks and technical issues affecting successful delivery. How are these managed?
 - Your typical approach to integration planning, giving an example of the content of key planning documentation
 - Your approach to ensuring the solution is able to be integrated with current and future assets within the station environment and the whole life cost of the system is understood.
 - Your typical approach to defining acceptance criteria