

Technical Corrigendum-2

SUPPLY, INSTALLATION, COMMISSIONING AND TESTING OF IP SURVEILLANCE SYSTEM

NIT: CMC/BY/23-24/RS/SkS/SS/28

S.No	Page No.	Item	Specifications	Clause	BYPL Clarification / Remark
1	4 of 34	VMS	3.1 Video management software Features	3.1.18. Offered solution (VMS & Cameras) should comply to the cyber security guidelines issued by CERT & CEA	CERT & CEA is the Indian Security Guideline, The product ensures all the guidelines of cert & CEA or globally reputed certifying agencies such that UL are followed. Any global certification for GDPR is acceptable.
2	19 of 34	VMS	4.2.3 VMS Management	l. The Video Management System shall support full two-way audio between clients and edge devices as well as between mobile clients and edge devices	The Video Management System shall support full two-way audio and Video between clients and edge devices. Also, the application should support a mobile application that can stream the video/Audio from the mobile phone camera to the central control center and should be able to record the same.
3	19 of 34	VMS	4.2.3 VMS Management	s. VMS shall support multi-layer hyperlinked maps in form of JPEG files or better format. Cameras can be dragged and dropped from directory on the map for click-n-view on Client viewer. It should be able to help the person at Control Room draw the shortest route between two points, calculate the distance between two points and similar functions.	The VMS shall support multi-layered hyperlinked maps in the Jpeg or other standard formats such as PDF, PNG, and dwg. The cameras can be dragged and dropped directly on the maps and users should be able to view the camera video feeds directly from the maps. For the Shortest path calculation, the Client will provide the GIS MAP and Bidder will integrate
4	22 of 34	VMS	4.2.10 Logs	The Rule Log records rules in which the Make new <log entry> action been specified (searchable by Service name, Source, Event type and Rule name)	Log details are very critical and play a crucial role in understanding and identifying the source of alarm or event type with time stamp.
5	22 of 34	VMS	4.2.11 VMS Client Viewer (operator) features	It shall be possible to create and switch between an unlimited number of views, each able to display video from up to 100 cameras from multiple servers at a time. The system shall allow views to be created which are only accessible to the user, or to groups of users based on 37 different layouts optimized for 4:3, 4:3 Portrait, 16:9 and 16:9 Portrait display ratios.	This is for the capability of VMS to process the 100 streams on single machine. On single Screen >=36.
6	23 of 34	VMS	4.2.11 VMS Client Viewer (operator) features	Print images, with optional comments.	Printing images means taking snapshots from video live/recorded feed & and putting additional information comments as header/footer.
7	24 of 34	VMS	4.2.11 VMS Client Viewer (operator) features	The Client Viewer shall allow a surveillance report to be printed from the image with specific information including the camera name, capture time, print time, user and user notes. The surveillance report shall be printed to any network-connected printer.	The surveillance reports are the Incident reports which are created by the Operator in case of an event/incident. In the same incident report operator can add the information which includes camera name, capture time, print time, user and user notes and the same needs to be printed
8	25 of 34	VMS	4.2.11 VMS Client Viewer (operator) features	AVI/JPEG format – VMS shall provide options for export format type (AVI/JPEG), timestamp, frame rate (full/half), digital zoom export, and AVI CODEC. Video clip may be exported to desktop/CD/DVD or a specific file path. All audio associated with the video being exported shall automatically be included in the AVI export.	OEM native format including OEM video player is acceptable in addition to the RFP specifications.
9	25 of 34	VMS	4.2.11 VMS Client Viewer (operator) features	The map function can use standard graphical file formats including jpg, gif, png, tif, etc.	DXF & DWG are CAD viewing files that are accepted additionally to RFP specifications.
10	26 of 34	VMS	4.2.14 Configuration and Setup	It shall be possible to create and export a reports of the current configuration in CSV-format for the purpose of documentation. There shall be reports for the following configurations: a) Recording schedules b) Task schedules c) Cameras and Recording Parameters d) Stream and Quality Settings e) Event Settings f) Compound Event Settings g) Alarm Settings h) Configured Users i) User Groups and Accounts j) Device Permissions k) Operating Permissions	The VMS application shall be able to provide the reporting for events and alarms generated into the system including the health events. The same can be exported in CSV, Excel, or pdf format. That should be layout defined into the system which can be accessed by the other users in the systems.

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11	27 of 34	VMS	4.2.15 Management	The solution shall allow the generating reports of multiple types: a. For people, vehicle and stickiness counting, listing all counting events and the reported count at each time interval. b. For people, vehicle and stickiness counting, a report that compares multiple counters during a period of time. c. For people, vehicle and stickiness counting; a report that aggregates the results of multiple counters. d. For all event types, a report that contains the details for each event and also includes a captured image of the event.	The VMS application shall be able to provide the reporting for events and alarms generated into the system including the health events. The same can be exported in CSV, Excel, or pdf format. That should be layout defined into the system which can be accessed by the other users in the systems.
13	28 of 34	VMS	4.2.19 Dashboards / Workspace and Reporting Service	5 Creating importable/exportable dashboards allows users to share customized dashboards that are tailored to specific scenarios or use cases. This feature enables users to create and share dashboards that can be imported into other applications or shared with clients or stakeholders.	The VMS should be able to create customizable Dashboards and should be able to make them private or public, The private dashboard should be visible only to the user who has created the private dashboard. The public dashboard should be accessible to all the users in the system who have having privilege to view the dashboard. Privilege should be defined to view, edit, and delete the dashboard. The users should export the dashboard in the PNG or JPG format for printing and sharing with others.
14	29 of 34	VMS	4.2.19 Dashboards / Workspace and Reporting Service	6 To create an importable/exportable dashboard, the following steps can be taken: 3. Export the dashboard: Export the dashboard in a format that can be easily imported into other applications. This might include exporting the dashboard as a PDF file.	The VMS should be able to create customizable Dashboards and should be able to make them private or public, The private dashboard should be visible only to the user who has created the private dashboard. The public dashboard should be accessible to all the users in the system who have having privilege to view the dashboard. Privilege should be defined to view, edit, and delete the dashboard. The users should export the dashboard in the PNG or JPG format for printing and sharing with others.
15	29 of 34	VMS	4.2.19 Dashboards / Workspace and Reporting Service	6. To create an importable/exportable dashboard, the following steps can be taken: 4. Import the dashboard: Import the dashboard into other applications as needed or share the dashboard with colleagues or stakeholders.	The VMS should be able to create customizable Dashboards and should be able to make them private or public, The private dashboard should be visible only to the user who has created the private dashboard. The public dashboard should be accessible to all the users in the system who have having privilege to view the dashboard. Privilege should be defined to view, edit, and delete the dashboard. The users should export the dashboard in the PNG or JPG format for printing and sharing with others.
16	30 of 34	VMS	4.2.19 Dashboards / Workspace and Reporting Service	25 3. Customization: The ability to customize reports to meet the needs of individual users is another essential element of reporting capabilities. This includes the ability to customize the logos, headers, footers, font, color etc.	The VMS should be able to create customizable Dashboards and should be able to make them private or public, The private dashboard should be visible only to the user who has created the private dashboard. The public dashboard should be accessible to all the users in the system who have having privilege to view the dashboard. Privilege should be defined to view, edit, and delete the dashboard. The users should export the dashboard in the PNG or JPG format for printing and sharing with others.
17	30 of 34	VMS	4.2.19 Dashboards / Workspace and Reporting Service	29 The benefits of using customizable report templates include: 3. Customization: Templates can be easily customized to meet specific business needs, allowing users to modify elements such as colors, fonts, and data visualizations to match their requirements.	The VMS should be able to create customizable Dashboards and should be able to make them private or public, The private dashboard should be visible only to the user who has created the private dashboard. The public dashboard should be accessible to all the users in the system who have having privilege to view the dashboard. Privilege should be defined to view, edit, and delete the dashboard. The users should export the dashboard in the PNG or JPG format for printing and sharing with others.
18	31 of 34	VMS	4.2.19 Dashboards / Workspace and Reporting Service	36 Report that provides information on all events related to access control in a particular system or facility. This report typically includes information on user access attempts, successful and unsuccessful login attempts, and other related activities, commonly used in security systems to monitor and track user access, ensure compliance with security policies, and identify potential security threats.	The data from the reports shall be displayed and typically includes information on user access attempts to the surveillance system, successful and unsuccessful login attempts, and other related activities, commonly used in security systems to monitor and track user access, audit, or monitoring systems used in security management. This audit report is essential for tracking and assessing user access and security-related activities within a surveillance system to ensure compliance with security policies and identify potential security threats.