

**Corrigendum 2**  
**Supply, Installation, Commissioning and Testing of IP Surveillance System**  
**(Tender Notification : CMC/BY/22-23/RS/SS/45)**

S. No	Page No	Clause No	Tender Clause/ Bidder Query	BYPL Clarification / Remarks
1	40	4.3	VMS should have advanced alarm features with connectivity to SMS and Email System	VMS required to be integrated with the SMS gateway and SMTP server provided by BYPL for events and alarms
2	38	2.4	Central video management software suit should be provided by the vendor whereas existing NAS storage	BYPL will be providing NAS Storage (Netapp) or will provided required storage space in server for CCTV data
3	42-43	5.1. Camera Specifications 5.1.1. Mini Dome Camera	Minimum Illumination Color mode: F1.2 @ 0.4 lux, Black and white mode: F1.2 @ 0.2 lux Focus: Autofocus Video Resolution: • 960 x 544 @ 30 fps • 704 x 480 or 576 @ 30 or 25 fps (4CIF) • 640 x 368 @ 30 fps • 352 x 240 or 288 @ 30 or 25 fps (CIF) Range of Bit Rate Setting: 64 Kbps to 32 Mbps Analytics: In built at camera side like – Tampering, Trip Wire, Auto tracking, Head Counter, Object removal, Motion detection, Interface: RJ-45 (10/100Base-T) & RS485 Weatherproof/ Waterproof: IP66 rated weather proofing standards Power Source: AC 24V/3A (±10%)/ DC12V & with Power over Ethernet	<b>Specifications to be read as:</b> Minimum Illumination Color mode: @0.4 lux, Black and white mode: @0.2 lux or better Focus: fixed-focus lens Video Resolution: as per industry standard (1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180) or (960 x 544 @ 30 fps, 704 x 480 or 576 @ 30 or 25 fps (4CIF), 640 x 368 @ 30 fps, 352 x 240 or 288 @ 30 or 25 fps (CIF)) Range of Bit Rate Setting: 64 Kbps to 16 Mbps or better Analytics: In built at camera side like – Tampering, Trip Wire, Head Counter, Object removal, Motion detection, Interface: RJ-45 (10/100Base-T) Weatherproof/ Waterproof: IP rated weather proofing standards Power Source: Power over Ethernet
4	44-45	5.1. Camera Specifications 5.1.2. Bullet Camera	Lens 3–9mm or better, Built-in varifocal len Zoom Ratio Optical:3x, Digital:4x, Total:12x Range of Bit Rate Setting: 64 Kbps to 32 Mbps Video Resolution: • 960 x 544 @ 30 fps • 704 x 480 or 576 @ 30 or 25 fps (4CIF) • 640 x 368 @ 30 fps • 352 x 240 or 288 @ 30 or 25 fps (CIF) Analytics: In built at camera side like – Tampering, Trip Wire, Auto tracking, Head Counter, Object removal, Motion detection, Interface: RJ-45 (10/100Base-T) & RS485 Microphone: Yes, Built-in for audio recording Weatherproof/ Waterproof: IP66 rated weather proofing standards	<b>Specifications to be read as:</b> Lens 3–9mm or better +/-1mm, Built-in varifocal len Zoom Ratio Optical:3x, Digital:4x, Total:12x or better Range of Bit Rate Setting: 64 Kbps to 16 Mbps or better Video Resolution: as per industry standard (1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180) or (960 x 544 @ 30 fps, 704 x 480 or 576 @ 30 or 25 fps (4CIF), 640 x 368 @ 30 fps, 352 x 240 or 288 @ 30 or 25 fps (CIF)) Analytics: In built at camera side like – Tampering, Trip Wire, Head Counter, Object removal, Motion detection, Interface: RJ-45 (10/100Base-T) Microphone: Yes, Built-in or external for audio recording. If external good quality with noise cancelling to be provided Weatherproof/ Waterproof: IP66 rated weather proofing standards
5	54	17.3	The installation of the software, both in Linux and Windows, shall be done with the help of Scripts to avoid human intervention as little as possible.	The installation of the software shall be in Windows or Linux & shall support the clustering of multiple servers for load balancing
6	54	17.4	Configuration changes made in the VMS configuration client shall modify a working copy of the configuration, and shall not affect the active operating configuration.	Configuration changes made in the VMS configuration client shall modify a working copy of the configuration, and same can be reflected in Database.
7	54	17.5	It shall be possible to view a list of all configuration activations that have been applied to the system. It shall be possible to select any of the activated configurations, and have the system "roll back" to an earlier configuration.	It shall be possible to save the active configuration activation that has been applied to the system. It shall be possible to select any of the saved configurations and have the system "roll back" to an earlier configuration.

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8	58	25.5	A Camera SDK shall be available which allows for programming 3rd party operator clients.	SDK/API shall be available which shall allow integration to 3rd party systems.
9	58	25.6	A Remote Client SDK shall be available which allows for programming an interface between a running VMS operator client and a 3rd party management system.	SDK/API shall be available to allow for programming an interface between VMS & other 3rd party systems
10		General Query, Section - V, 5. Technical Specifications	Please Clarify on Technical Evaluation. Do all points needs to be comply or partial / Non complied would also be considered depending upon percentage of complied points.	Technical clearance for Partial /non complied points will be on sole discretion of BYPL depending upto the nature of criticality of that point.
11		General Point	New addition	BYPL may request bidders the provide the offered cameras for PoC purpose under technical evaluation and may call bidders for technical presentation to evaluate the VMS.
12		General Point	New addition	Offered solution (VMS & Cameras) should comply to the cyber security guidliness issued by CERT & CEA