



# KENYATTA NATIONAL HOSPITAL

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Ref: KNH/SCM/CM/ADM.4/Vol.1

Date: 25<sup>th</sup> March, 2026

## ADDENDUM 1

RE: ADDENDUM TO TENDER NO: KNH/T/72/2025-2026 - SUPPLY, DELIVERY, INSTALLATION, CONFIGURATION AND COMMISSIONING OF SECURITY SCREENING EQUIPMENT FOR KENYATTA NATIONAL HOSPITAL.

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### TO: ALL BIDDERS

Pursuant to the Public Procurement and Asset Disposal Act 2015 section 75 and its attendant Regulations 2020 and Clause 10 on Amendment of Tender Documents, the Hospital wishes to make the following amendments/clarifications;

#### 1. PRELIMINARY EVALUTION SECTION.

Bidders are hereby notified that Criterion No. 26, which required bidders to submit a valid Energy and Petroleum Regulatory Authority (EPRA) Class A-1 Electrical Contractor Licence has been expunged from the tender requirements.

#### 2. TECHNICAL EVALUATION

Bidders are notified that Joint Ventures (JV) shall not be permitted for this particular tender. All bids must be submitted by a single legal entity. Joint venture arrangements will not be considered at this stage of the procurement process.

#### 3. SCHEDULE OF REQUIREMENTS

Bidders are hereby notified that the Schedule of Requirements forming part of the tender document has been amended and replaced with the revised Schedule of Requirements set out below.

S/No	Description	QTY
1	Walkthrough metal detector	10
2	Security Screening Machine	2
3	Intelligent Fusion Server Ultra supports 4mp camera facial recognition up to 128ch	1
4	Storage Fully populated with 16TB	1
5	Dome Network Camera	30
6	ANPR Camera	15
7	Bullet Camera	30
8	Laptop	2
9	Network switches	4
10	Abnormal Event Detection	1
11	UPS - Rackmount 1.5KvA	2
12	UTP Cat 6 Cable Indoor	30
13	UTP Cat 6 Cable Outdoor	6

14	Patch panel 48	2
15	Cable Manager	2
16	Face recognition HCP License	Module
17	ANPR HCP License	Module
18	AVS Surge protector 30A	12
19	Accessories i.e. Metallic Trunkings 50 by 100 & 2 by 1, Conduits, Screws, Adhesives, Cable trays 50 by 100, cable ties	Lot
20	Mifare Card	300
21	4mm 3 core Electrical cable with 2 Isolators	120m
22	Baggage Scanner HCP license	2
23	Walkthrough metal detector HCP License	10
24	Installation, Integration, Testing, Configuration, Training and Commissioning - Labor	Lot

#### 4. PRICE SCHEDULE

Bidders are hereby notified that the Price Schedule forming part of the tender document has been amended and replaced with the revised Price Schedule set out below.

S/No	Description	Qty	Unit Price	Total Price
1	Walkthrough metal detector	10		
2	Security Screening Machine	2		
3	Intelligent Fusion Server Ultra supports 4mp camera facial recognition up to 128ch	1		
4	Storage Fully populated with Min of 16TB on all slots	1		
5	Dome Network Camera	30		
6	ANPR Camera	15		
7	Bullet Camera	30		
8	Laptop	2		
9	Network switches	4		
10	Abnormal Event Detection	1		
11	UPS - Rackmount 1.5KVA	2		
12	UTP Cat 6 Cable Indoor	30		
13	UTP Cat 6 Cable Outdoor	6		
14	Patch panel 48	2		
15	Cable Manager	2		
16	Face recognition HCP License	Module		
17	ANPR HCP License	Module		
18	AVS Surge protector 30A	12		
19	Accessories i.e. Metallic Trunkings 50 by 100 & 2 by 1, Conduits, Screws, Adhesives, Cable trays 50 by 100, cable ties	Lot		
20	Mifare Card	300		
21	4mm 3 core Electrical cable with 2 Isolators	120m		
22	Baggage Scanner HCP license should have AI capabilities supported on devices	2		
23	Walkthrough metal detector HCP License	10		

24	Installation, Integration, Testing, Configuration, Training and Commissioning - Labor	Lot		
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## 5. TECHNICAL SPECIFICATIONS

Bidders are hereby notified that the Technical Specifications forming part of the tender document have been amended as set out below.

<b>Bullet Camera</b>			
S/NO	ITEM	MINIMUM REQUIREMENT	Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)
1	Camera	Image Sensor 1/1.8" Progressive Scan CMOS Max. Resolution 2688 × 1520 Min. Illumination Color: 0.0003 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR Shutter Time 1 s to 1/100,000 s Day & Night IR cut filter, Blue glass module (less ghost phenomenon) Angle Adjustment Pan: 0° to 355°, tilt: 0° to 85°, rotate: 0° to 355°	
2	Lens	Lens Type Varifocal lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 2.8 to 12 mm, horizontal FOV 91.3° to 44.2°, vertical FOV 49.3° to 24.8°, diagonal FOV 108.6° to 50.9° Focus Auto, Semi-auto, Manual Iris Type P-iris Aperture 2.8 to 12 mm: F1.0 to F1.2	
3	Dori	2.8 to 12 mm: D (Detect): 140.7 m, O (Observe): 55.8 m, R (Recognize): 28.1 m, I (Identify): 14.1 m	
4	Illuminator	IR Wavelength 850 nm Supplement Light Type IR, White Light Smart Supplement Light Yes Supplement Light Range 2.8 to 12 mm: up to 60 m	
5	HEOP	Open Resources Memory: 150 MB, Smart RAM: 2200 MB,	

		<p>eMMC: 1288 MB</p> <p>Computing Power 2.5 TOPS</p> <p>Open Capability HEOP 2.0 OpendevSDK</p> <p>Deep Learning Structure</p> <p>Caffe,PyTorch,TensorFlow</p> <p>Programming Language C,C++</p>	
6	Network	<p>Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, SRTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, WebSocket, WebSockets</p> <p>API ONVIF (Profile S, Profile G, Profile T, Profile M),ISAPI,SDK,ISUP,OTAP</p>	
7	Video	<p>Main Stream</p> <p>Monitoring mode:</p> <p>50 Hz: up to 50 fps (2688 × 1520, 2560 × 1440, 1280 × 720), up to 100 fps (1920 × 1080)</p> <p>60 Hz: up to 60 fps (2688 × 1520, 2560 × 1440, 1280 × 720), up to 120 fps (1920 × 1080)</p> <p>Video Compression</p> <p>Main stream:</p> <p>H.265+/H.265/H.264+/H.264,</p> <p>Sub-stream: H.265/H.264/MJPEG,</p> <p>Third stream: H.265/H.264,</p> <p>Video Bit Rate 32 Kbps to 8 Mbps</p> <p>H.264 Type Baseline Profile,Main Profile,High Profile</p> <p>H.265 Type Main Profile Bit Rate Control CBR,VBR</p> <p>Target Cropping Yes Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 4 fixed regions for each stream</p>	
8	Interface	<p>Video Output 1 Vp-p Composite Output (75 Ω/CVBS) (Only for debugging)</p> <p>Ethernet Interface 1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port</p> <p>On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB include 256gb sd</p>	
9	Events	<p>Motion detection (human and vehicle),video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error),glass</p>	

		break detection, scream detection, gunshot and explosion sound detection, crying sound detection Smart Event-Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
10	Deep Learning	Face Capture, Face Comparison, people counting, Queue Management, Activity Analysis and Perimeter Protection.	
11	Warranty	One (1) Year	
<b>Original detailed and highlighted Brochures MUST be submitted</b>			

Dome Camera			
S/NO	ITEM	MINIMUM REQUIREMENT	Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)
1	Camera	Image Sensor 1/1.8" Progressive Scan CMOS Max. Resolution 2688 × 1520 Min. Illumination Color: 0.0003 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR Shutter Time 1 s to 1/100,000 s Day & Night IR cut filter, Blue glass module (less ghost phenomenon) Angle Adjustment Pan: 0° to 355°, tilt: 0° to 85°, rotate: 0° to 355°	
2	Lens	Focal Length & FOV 2.8 to 12 mm, horizontal FOV 104.2° to 44.1°, vertical FOV 55.3° to 24.8°, diagonal FOV 126.8° to 51.1° Focus Auto, Semi-auto, Manual Iris Type P-iris Aperture F1.0 to F1.2	
3	Dori	Wide: D (Detect): 63.4 m, O (Observe): 25.2 m, R (Recognize): 12.7 m, I (Identify): 6.3m Tele: D (Detect): 140.7 m, O (Observe): 55.8 m, R (Recognize): 28.1 m, I (Identify): 14.1m The DORI values are calculated using pixel densities for different use cases as	
4	Illuminator	IR Wavelength 850 nm Supplement Light Type IR, White Light Smart Supplement Light Yes Supplement Light Range 2.8 to 12 mm: up to 40 m	
5	HEOP	Open Resources Memory: 150 MB,	

		<p>Smart RAM: 2200 MB, eMMC: 1288 MB</p> <p>Computing Power 2.5 TOPS</p> <p>Open Capability HEOP 2.0 OpendevSDK</p> <p>Deep Learning Structure Caffe,PyTorch,TensorFlow</p> <p>Programming Language C,C++</p>	
6	Network	<p>Protocols</p> <p>TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, SRTP, RTSP, RTCP, PPPoE,</p> <p>NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, WebSocket,WebSockets, .</p> <p>Simultaneous Live View Up to 20 channels</p> <p>API ONVIF (Profile S, Profile G, Profile T, Profile M),ISAPI,SDK,ISUP,OTAP</p>	
7	Video	<p>Main Stream</p> <p>Monitoring mode:</p> <p>50 Hz: up to 50 fps (2688 × 1520, 2560 × 1440, 1280 × 720), up to 100 fps (1920 × 1080)</p> <p>60 Hz: up to 60 fps (2688 × 1520, 2560 × 1440, 1280 × 720), up to 120 fps (1920 × 1080)</p> <p>Video Compression</p> <p>Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, Fifth stream: H.265/H.264/MJPEG</p> <p>Video Bit Rate 32 Kbps to 8 Mbps</p> <p>H.264 Type Baseline Profile,Main Profile,High Profile</p> <p>H.265 Type Main Profile</p> <p>Bit Rate Control CBR,VBR</p> <p>Target Cropping Yes</p> <p>Scalable Video Coding (SVC) H.264 and H.265 encoding</p> <p>Region of Interest (ROI) 4 fixed regions for each stream</p>	
8	Interface	<p>Video Output 1 Vp-p Composite Output (75 Ω/CVBS) (Only for debugging)</p> <p>Ethernet Interface 1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port</p>	

		On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB include 256gb sd	
9	Events	Motion detection (human and vehicle), video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error), glass break detection, scream detection, gunshot and explosion sound detection, crying sound detection Smart Event-Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
10	Deep Learning	Face Capture, Face Comparison, people counting, Queue Management, Activity Analysis and Perimeter Protection.	
11	Warranty	One (1) Year	
<b>Original detailed and highlighted Brochures MUST be submitted</b>			

<b>Mifare Card</b>			
<b>S/NO</b>	<b>ITEM</b>	<b>MINIMUM REQUIREMENT</b>	<b>Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)</b>
<b>1</b>	<b>M1RF Interface</b>	Non-Contacting data transmission and supplied power(no battery needed) <ul style="list-style-type: none"> <li>▫ Working distance: no more than 100mm (depends on the antenna dimension)</li> <li>▫ Working frequency: 13.56 MHz</li> <li>▫ High data transmission speed: 106 k bit/s</li> <li>▫ Data integrity protection: 16 bit CRC, odd-even check, encoding and counting by bit.</li> <li>▫ Anti-conflict</li> <li>▫ Data transmission and processing time: &lt; 100 ms(including backup and management time)</li> </ul>	
<b>2</b>	<b>EEPROM</b>	1 k byte (16 zones, 4 sections perzone, 16 bytes persection) User definable reading/writing condition for memory block Long time data storage: 10 years 100,000 writing times	
<b>3</b>	<b>Security</b>	Triple accreditation Attack protective radio-frequency channel data encryption Two security keys (support multiple security levels) for each section Only one serial No. for one card Transmission security key to protect the access right of EEPROM during the transmission	
<b>Original detailed and highlighted Brochures MUST be submitted</b>			

Intelligent Fusion Server Ultra			
S/NO	ITEM	MINIMUM REQUIREMENT	Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)
1	AcuSeek Modeling Performance	<p>2MP: 6,000,000 targets / day (80 targets/s)</p> <p>5MP: 4,000,000 targets / day (50 targets/s)</p> <p>8MP: 3,200,000 targets / day (40 targets/s)</p> <p>Note: For scenarios involving multiple resolutions, performance can be scaled Proportionally based on the above metrics.</p>	
2	Intelligent Analysis Capability	<p>AcuSeek, Face Analysis, Video Structuralization, Face clustering, face recognition</p> <p>256 channels (2 MP)</p> <p>128 channels (&gt;2 MP to 5 MP)</p> <p>64 channels (&gt;5 MP to 8 MP)6, each engine can run an intelligent algorithm: Face Analysis, Video Structuralization, To use AcuSeek funciton, one engine must be enabled for Video Structuralization</p>	
3	Face Analysis	<p>Picture, Video Gender, Age Group, Wearing Glasses, Wearing Mask, Facial Expression</p> <p>Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.</p> <p>Face Picture Analysis and Comparison 6 Engines, 64 pictures/s/engine</p> <p>Video Frame Rate Requirement</p> <p>Face Video Analysis and Comparison 12 to 30 frames per second</p> <p>Concurrent Performance-1 V 1</p> <p>Comparison 64 pairs per second</p> <p>Face analysis: <math>\leq 35^\circ</math> (vertical); <math>\leq 55^\circ</math> (horizontal)</p> <p>Face picture of list library: <math>\leq 25^\circ</math> (vertical); <math>\leq 30^\circ</math> (horizontal)</p>	

4	Data Storage	<p>Picture and Structured Data 60 million  Hot Data-Search by Picture  Performance  Search by Face Picture-Response Time  18 million for AcuSeek and AcuSearch  18 million, 2s  Search by Human Body Picture-  Response Time 18 million, 2s  Search by Vehicle Picture-Response  Time 18 million, 2s</p>	
5	Hardware Specifications	<p>CPU Hygon 7360 x 2  HDD Specifications 240 GB SSD x 2(Raid  1) + 480 GB SSD x 1 + 4 TB SATA x 1 + 8  TB SATA x 4(RAID5)  GPU H12 Card x 2 NVIDIA L2 x 5  Memory 128G DDR4(16GB x 8)  External Interfaces USB 2.0 x 2 + USB  3.0 x 2 + VGA x 1  Fan 4  Network Interfaces 2 x 1Gb RJ45 + 2 x  10Gb SFP+  Max. Power Consumption 1200 W  Rated Power Consumption 890 W  PSU Hot-plugged efficient 1+1  redundant power module  Security TPM chip</p>	
6	Warranty	One (1) Year	
<b>Original detailed and highlighted Brochures MUST be submitted</b>			

Storage Controller			
S/NO	ITEM	MINIMUM REQUIREMENT	Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)
1	Network	RTSP, ONVIF, SDK, ISAPI	
2	External interface	USB 2.0: Front × 2 USB 3.0: Rear × 4 4 × 2.5G Ethernet interface (4 × GbE or 2 × GbE or 1 × GbE or 2 × 10GbE is extendable) RS-232 serial interface × 1 1, 1000M Ethernet interface	
3	Storage	HDD slot 48 Interface/capacity SATA Minimum 16 TB fully populated on all slots Hot-swapping Supported Enterprise Hard Disk RAID 0, 1, 5, 6, 10, 50, VRAID 2.0, Hot-Spare	
4	Hardware	Processor 64-bit multi-core processor Cache 16 GB (extendable to 64 GB)	
5	Storage Management	Disk inspection, alarm and repair video and picture pool management	
6	Recording mode: video (2 Mbps) + picture	Recording mode: video (2 Mbps) + picture 550-ch (1100Mbps) Video performance	
7	Device Maintenance	Management mode Web-based GUI, serial interface CLI, centralized management of multiple devices (HCP, HCM)	
8	Recording Management	Recording mode Video protection, Timing recording, event recording Lock key video, ANR, video loss detection and alarm Searching mode Downloading mode Search by time and event download by time, download by file	
9	Device Maintenance	<b>Management mode:</b> Web-based GUI, serial interface CLI, centralized management of multiple devices (HCP, HCM) <b>Alarm mode:</b> Sound, light, email, web page	

		<b>Log downloading:</b> Download on web page	
<b>10</b>	Recording Management	<b>Recording mode:</b> Timing recording, event recording <b>Video protection:</b> Lock key video, ANR, video loss detection and alarm	
<b>12</b>	Warranty	<b>One (1) Year</b>	
<b>Original detailed and highlighted Brochures MUST be submitted</b>			

LAPTOP		
ITEM	MINIMUM REQUIREMENT	Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)
Processor	Intel Core i7-13620H, 10C (6P + 4E) / 16T, P-core 2.4 / 4.9GHz, E-core 1.8 / 3.6GHz, 24MB	
Graphics	Integrated Intel UHD Graphics	
Memory	16GB Soldered LPDDR5x-5200	
Storage	1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®	
Storage Slot	One M.2 2242 PCIe® 4.0 x4 slot	
Microphone	2x, Array	
Chipset	Intel SoC Platform	
Speakers	Stereo speakers, 2W x2, optimized with Dolby Audio	
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec	
Display	14" WUXGA (1920x1200) OLED 400nits Glossy, 100% DCI-P3, 60Hz, TÜV Low Blue Light, Glass, Touch	
Touchscreen	10-point Multi-touch	
Keyboard	Backlit, English (UK)	
Camera	FHD 1080p with Privacy Shutter	
Touchpad	Buttonless Mylar surface multi-touch touchpad, supports Precision Touchpad (PTP), 75 x 120 mm (2.95 x 4.72 inches)	
Ethernet	No Onboard Ethernet	
WLAN + Bluetooth	Wi-Fi 6, 802.11ax 2x2 + BT5.2	
Standard Ports	"1x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On 2x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort 1.4 1x HDMI 1.4b 1x Headphone / microphone combo jack (3.5mm) 1x microSD card reader	
Fingerprint Reader	Touch Style, on Palm Rest	
Security Chip	Firmware TPM 2.0	
Operating System	Activated: Windows 11 Pro, English Microsoft Office 2019	
Pen	Digital Pen 2	
Battery & Power Adapter	Integrated 57Wh & 65W USB-C (3-pin)	
Accessories	External Ethernet Adapter 3.0 Gigabit USB, Laptop Bag & wireless mouse	

Warranty	One (1) Year	
<b>Original detailed and highlighted Brochures MUST be submitted</b>		

ANPR Camera			
S/NO	ITEM	MINIMUM REQUIREMENT	Bidders' response to the bid should clearly explain how the proposed solution meets the specifications in this tender (Attach the relevant and highlighted brochure)
1	Camera	Image Sensor 1/1.8" Progressive Scan CMOS Max. Resolution 2688 × 1520 Min. Illumination Color: 0.0003 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR Shutter Time 1 s to 1/100,000 s Day & Night IR cut filter, Blue glass module (less ghost phenomenon) Angle Adjustment Pan: 0° to 355°, tilt: 0° to 85°, rotate: 0° to 355°	
2	Lens	Lens Type Varifocal lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 2.8 to 12 mm, horizontal FOV 91.3° to 44.2°, vertical FOV 49.3° to 24.8°, diagonal FOV 108.6° to 50.9° Focus Auto, Semi-auto, Manual Iris Type P-iris Aperture 2.8 to 12 mm: F1.0 to F1.2	
3	Dori	2.8 to 12 mm: D (Detect): 140.7 m, O (Observe): 55.8 m, R (Recognize): 28.1 m, I (Identify): 14.1 m	
4	Illuminator	IR Wavelength 850 nm Supplement Light Type IR, White Light Smart Supplement Light Yes Supplement Light Range 2.8 to 12 mm: up to 60 m	
5	HEOP	Open Resources Memory: 150 MB, Smart RAM: 2200 MB, Emmc: 1288 MB Computing Power 2.5 TOPS Open Capability HEOP 2.0 OpendevSDK Deep Learning Structure Caffe, PyTorch, TensorFlow	

		Programming Language C,C++	
6	Network	<p>Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, SRTP, RTSP, RTCP, PPPoE, NTP, UpnP, SMTP, SNMP, IGMP, 802.1X, QoS, Ipv4, Ipv6, UDP, Bonjour, WebSocket, WebSockets</p> <p>API ONVIF (Profile S, Profile G, Profile T, Profile M),ISAPI,SDK,ISUP,OTAP</p>	
7	Video	<p>Main Stream</p> <p>Monitoring mode:</p> <p>50 Hz: up to 50 fps (2688 × 1520, 2560 × 1440, 1280 × 720), up to 100 fps (1920 × 1080)</p> <p>60 Hz: up to 60 fps (2688 × 1520, 2560 × 1440, 1280 × 720), up to 120 fps (1920 × 1080)</p> <p>Video Compression</p> <p>Main stream:</p> <p>H.265+/H.265/H.264+/H.264,</p> <p>Sub-stream: H.265/H.264/MJPEG,</p> <p>Third stream: H.265/H.264,</p> <p>Video Bit Rate 32 Kbps to 8 Mbps</p> <p>H.264 Type Baseline Profile,Main Profile,High Profile</p> <p>H.265 Type Main Profile Bit Rate Control CBR,VBR</p> <p>Target Cropping Yes Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 4 fixed regions for each stream</p>	
8	Interface	<p>Video Output 1 Vp-p Composite Output (75 Ω/CVBS) (Only for debugging)</p> <p>Ethernet Interface 1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port</p> <p>On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB include 256gb sd</p>	
9	Events	<p>Motion detection (human and vehicle),video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error),glass break detection, scream detection, gunshot and explosion sound detection, crying sound detection</p> <p>Smart Event-Line crossing detection, intrusion detection, region entrance detection, region exiting</p>	

		detection	
10	Deep Learning	Face Capture, Face Comparison, people counting, Queue Management, Activity Analysis and Perimeter Protection.	
11	Road Traffic and Vehicle Detection	Smart Function: Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate $\geq 98\%$ Capture rate $\geq 99\%$ Driving direction accuracy rate $\geq 98\%$ Vehicle Capture Speed: Front installation in checkpoint scenario: up to 120 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode	
12	Warranty	One (1) Year	

Original detailed and highlighted Brochures MUST be submitted

**NOTE :**

1. There shall be paid a levy by the supplier on all procurement contracts signed between the supplier and the Hospital at the rate of zeropoint zero three percent (0.03%) of the value of the signed contract, exclusive of applicable taxes.
2. There shall be a mandatory **Site Visit on 31.03.2025 at 10:00am.**
3. The Tender Closing and Opening date has been extended to **8<sup>th</sup> April 2026 at 10:00am.**
4. All other specifications shall remain unchanged as previously communicated.

  
**Dr. Abdallah Ofula**  
**FOR: CHIEF EXECUTIVE OFFICER**

