

**QUANTITIES OF BILLS FOR SUPPLY,INSTALLATION AND COMMISSIONING OF CCTV SYSTEM**

No	Item Description	Unit	Quantity	Country of Origin	Rate in KES	Amount	
						KES	
<b>IP CAMERAS</b>							
<b>Dome Camera - 2688 x 1520 Resolution</b>							
1	Day/night, compact dome, vandal-resistant, outdoor-ready and Built-in IR illumination. Multiple, individually configurable H.264, H.265 and Motion JPEG streams; max 4 MP resolution at 30 fps with WDR. Optimized bandwidth and storage reduction technology. Memory card slot for optional local video storage. Video motion detection and active tampering alarm. Power over Ethernet.	No	24				
<b>360° Multisensor Camera - 4no. 1920 x 1080 Res</b>							
2	Flexible multisensor fixed camera with four 1080p sensors. The lenses should allow adjustment to provide a 108° to 54° horizontal field of view for either a wide, panoramic view, or detailed, zoomed-in views. The lenses can be rotated to support vertically oriented scenes in Corridor Format. Supports individually configurable video streams from each camera head, as well as quad view streaming, enabling 4x 1080p resolution videos at 12.5/15 fps or 4x 720p resolution videos at full frame rate. Optimized bandwidth and storage reduction technology. PoE Class 2.	No	8				
<b>SUB TOTAL PG. I</b>							
						<b>KES</b>	<b>-</b>

No	Item Description	Unit	Quantity	Country of Origin	Rate in KES	Amount
						KES
<b>VIEWING &amp; MANAGEMENT</b>						
3	Client User Software-IP camera license (per Camera)	No	28			
4	Professional Recording and Video Management Software. Max 150 cams per site. 10 Simultaneous Viewing Clients. Only one professional server license CPRO-2001 is required per site, requires CPRO-1001 camera licenses for each third party camera	No	1			
<b>SUB TOTAL PG. 2</b>						<b>KES -</b>
<b>CONTROL ROOM VIDEO</b>						
5	Client Workstation, Compact Desktop Terminal with micro form factor to be used with recording servers. The terminal is to be preloaded with Video Management Software and all other necessary software e.g. Windows 10IoT. Includes three year hardware warranty and on-site hardware replacement service, international keyboard and mouse.	No	1			
6	42" LCD Screen	No	1			
<b>SUB TOTAL PG. 3</b>						
<b>MANAGEMENT &amp; RECORDING SERVERS</b>						

7	64 Channel Network Video Recorder, rack server preloaded with Video Management Software, preconfigured settings and all other necessary software e.g. Windows 10IoT. The server should come with licenses for 64 IP channels, three year hardware warranty and on-site hardware replacement service. <b>With minimum 24TB for 60days video storage.</b>	No	I			
<b>SUB TOTAL PG. 4</b>						<b>KES -</b>

No	Item Description	Unit	Quantity	Country of Origin	Rate in KES	Amount
						KES
<b>POWER UPS SYSTEMS</b>						
8	1.5 kVA Double conversion UPS TRUE online INCLUDING Batteries	No	3			
9	10 kVA Double conversion UPS TRUE online INCLUDING Batteries	No	1			
<b>SUB TOTAL PG. 5</b>						<b>KES -</b>

No	Item Description	Unit	Quantity	Country of Origin	Rate in KES	Amount
						KES
<b>CABLING &amp; TRANSMISSIONS</b>						
10	19" 15U Width 600MM Depth 600MM	No	3			
11	CAT6 UTP Indoor cable	No	1400			
12	RS485 CABLE	Meters(Roll)	500			
<b>SUB TOTAL PG. 6</b>		No	Lot			

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No	Item Description			Country of Origin	Rate in KES	Amount
		Unit	Quantity			KES
	<b>Installation and Commissioning</b>					
12	Installation Materials Including ALL CONSUMABLES For CCTV					
13	Installation Training & Commissioning	Lot	Lot			
	<b>Warranty and Maintenance Support</b>	Lot	Lot			
14	ALL CCTV Equipment				*** 3 Yrs Warranty	
	All Other Equipment		Lot		**1 Yr Warranty	
	<b>SUB TOTAL PG.7</b>		Lot			
<b>1</b>	<b>SUB TOTAL . 1</b>					<b>KES -</b>
<b>2</b>	<b>SUB TOTAL . 2</b>					<b>KES -</b>
<b>3</b>	<b>SUB TOTAL . 3</b>					<b>KES -</b>
<b>4</b>	<b>SUB TOTAL . 4</b>					<b>KES -</b>
<b>7</b>	<b>SUB TOTAL . 5</b>					<b>KES -</b>
<b>8</b>	<b>SUB TOTAL . 6</b>					<b>KES -</b>
<b>9</b>	<b>SUB TOTAL . 7</b>					<b>KES -</b>
	<b>SUB TOTAL . 1-10</b>					<b>KES -</b>

**MAINTENANCE CONTRACT**

No	Item Description			Country of Origin	Rate in KES	Amount
		Unit	Quantity			KES
	<b>Comprehensive</b> Preventive AND Maintenance Service AND Support Contract (one year)**					
		No	1			

**SLA price is KES DDP NAIROBI Based, EXCLUDING VAT**