

**Bill of Quantity (BOQ)**



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To Damak Municipality,  
Office of Municipal Executive  
Damak, Jhapa  
Koshi Province, Nepal

**Subject: Rate Submission of Dual-Lens Camera & Accessories for Public Place,  
Ward No. 2, FY 2082-083**

<i>SN</i>	<i>Item</i>	<i>Unit</i>	<i>Qty</i>	<i>Unit Price</i>	<i>Unit Price in Words</i>	<i>Total</i>
1	Outdoor 3MP 2K Dual-Lens Camera	pcs	26			
2	Micro SD Card 64 GB	pcs	26			
3	Outdoor Pure Copper Cat6 Cable (305m)	drum	2.5			
4	Electric Copper Cable Wire (0.75 sqmm) 90-meter (Rathi, Litmus, Generic or Equivalent)	coil	15			
5	Installation Charge Per Camera Including Clip Accessories and Nails (All complete works)	pcs	26			
<b>Total</b>						
<b>VAT 13%</b>						
<b>Total with VAT</b>						

**Submitted By:**

**Signature:**

**Name of Designation of:**

**Signatory:**

**Firms Name:**

**Seal of the Firm:**

"Industrial, Touristic and Green City, Clean, Safe and Prosperous City"



Damak Municipality  
Office of the Municipal Executive  
Damak, Jhapa  
Koshi Province, Nepal



**Technical Compliance Sheet for Outdoor 3MP 2K Dual-Lens Camera**

<b>Feature</b>	<b>Specification</b>	<b>Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer</b>
Manufacture, Country	To filled by Bidder	
Brand Name	To filled by Bidder	
Model No.	To filled by Bidder	
Image Sensor	1/2.7" Progressive Scan CMOS	
Max Resolution	2K (2560x1440)	
Shutter Speed	Self-adaptive shutter	
Lens	Upper Camera: 2.8mm@ F1.6, viewing angle: Diagonal 130°, Horizontal 108°, Vertical 56° Bottom Camera: 6mm@F1.6, viewing angle: Diagonal 62°, Horizontal 55°, Vertical 28° Dual 3MP+3MP (2K+ & 2K)	
PT Angle	Pan: 350°, Tilt: 80°	
Minimum Illumination	0.5 Lux @(F1.6, AGC ON), 0 Lux with IR	
Lens Mount	M12	
Day & Night	IR-cut filter with auto-switching	
DNR	3D DNR	
WDR	Digital WDR	
Black & White Night Vision	30m-40m	
Frame Rate	Max: 15fps; Self-Adaptive during network transmission	
Video Compression	H.265 / H.264	
H.265 Type	Main Profile	
Video Bit Rate	Quad HD, Full HD, Hi Def, Standard. Adaptive bit rate.	
Audio Bit Rate	Self-Adaptive	
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n	
Connectivity	Enhanced Dual Wi-Fi Antennas	
Frequency Range	2.4 GHz ~ 2.4835 GHz	
Channel Bandwidth	Supports 20MHz	
Security	WPA-PSK/WPA2-PSK	

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Transmission Rate	11b: 11Mbps, 11g: 54Mbps, 11n: 150Mbps	
Wi-Fi Pairing	AP pairing	
Wired Network	RJ45 × 1(10M/100M Adaptive Ethernet Port)	
Smart Alarm	AI-Powered Human Shape Detection / AI-Powered Vehicle Shape Detection / Motion Detection	
Auto Tracking	Supports	
Customized Alert Area	Supports	
Two-way Talk	Supports	
Preset Locations	Supports	
General Function	Anti-Flicker, Dual-Stream, Heart Beat, Password Protection, Watermark	
Camera Mount	Wall Mount/Pole Mount	
Local Storage	Micro SD Card Slot (Up to 512GB)	
Operating Conditions	-30°C to 50°C ( -22 °F to 122 °F ) Humidity 95% or less (non-condensing)	
IP Grade	Weatherproof Design	
Power Supply	DC 12V/1.5A	
Power Consumption	MAX. 12W	
Warranty	1 years	

*Bikram Karki*

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 Prepared By:  
 Bikram Karki  
 Asst. Computer Operator

*Sameep Chudal*

.....  
 Recommended By:  
 Sameep Chudal  
 IT Officer

*[Signature]*

.....  
 Approved By



"Industrial, Touristic and Green City", "Clean, Safe and Prosperous City"



**Damak Municipality**  
Office of the Municipal Executive  
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Koshi Province, Nepal



**Technical Compliance Sheet for Outdoor Pure Copper CAT-6 Cable**

<b>Feature</b>	<b>Specification</b>	<b>Compliance (Fully Compliant, Partially Compliant, Non Compliant) or Bidders Offer</b>
<b>Manufacture, Country</b>		
<b>Brand Name</b>		
<b>Model No.</b>		
<b>Category</b>	CAT-6	
<b>Structure</b>	U/UTP	
<b>Cable Length</b>	(305 ± 1.5) m	
<b>Conductor Material</b>	Solid-Bare Copper (99.95%)	
<b>Conductor Diameter</b>	0.515±0.01 mm 24AWG	
<b>Insulation Material</b>	HDPE	
<b>Insulation Diameter</b>	0.92 ±0.05mm	
<b>Sheath Thickness</b>	0.50 ± 0.10 mm	
<b>Sheath Diameter</b>	5.40 ± 0.30 mm	
<b>Sheath Material</b>	PE	
<b>Usage Scenario</b>	Outdoor	

Prepared By:  
Bikram Karki  
Asst. Computer Operator

Recommended By:  
Sameep Chudal  
IT Officer

Approved By