



राप्ती सोनारी गाउँपालिका
RAPTI SONARI RURAL MUNICIPALITY
गाउँ कार्यपालिकाको कार्यालय

OFFICE OF THE RURAL MUNICIPAL EXECUTIVE



पत्र संख्या/Ref. No.:- ०८०/०८१

च.नं./ Dispatch No.:-

अगैया, बाँके
AGAIYA, BANKE
लुम्बिनी प्रदेश, नेपाल
LUMBINI PROVINCE, NEPAL

मिति/Date:- २०८१/१/२

सि.सिटि.भी. क्यामेराको शिलबन्दी दररेट पेश गर्ने सम्बन्धी ७ दिने सूचना!!

प्रथम पटक प्रकाशित मिति: २०८१/०१/०२

प्रस्तुत विषयका सम्बन्धमा राप्ती सोनारी गाउँपालिका अन्तर्गतका वडा नं. ५, ८ CCTV camera नयाँ जडान तथा मर्मत गर्नुपर्ने भएको हुँदा तपसिल बमोजिमको स्पेसीफिकेश भएका समानहरुको शिलबन्दी खाममा सूचना प्रकाशित गरेको मितिले ७ (तिन) दिन भित्र उपलब्ध गराईदिनुहुन अनुरोध छ ।

अनिवार्य संलग्न गर्नुपर्ने कागजातहरु

- १) कम्पनि रिजस्टा/ वाणीज्य/घरेलु दर्ता नविकरणको प्रमाण -पत्र
- २) भ्याट दर्ता प्रमाणप्रतिको प्रतिलिपि
- ३) ग.त आ.व २०७९/८० को कर चुक्ताको प्रमाण-पत्र
- ४) Manufacturer's Authorization Document/letter verifying Technical Specification


ओम प्रकाश देवकोटा
प्रमुख प्रशासकिय अधिकृत

"समृद्ध राप्ती सोनारीको आधार, शिक्षा, स्वास्थ्य, कृषि, पर्यटन र दीगो पूर्वाधार"

Website: www.raptisonarimun.gov.np, Email: info@raptisonarimun.gov.np,

Facebook Page: www.facebook.com/raptisonarimun, Twitter: <https://twitter.com/raptisonarimun>

Specification

Specification		Requirement
Brand	(should be mentioned by bidder)	
Model No	 (should be mentioned by bidder)	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0	
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA	
Engine	engine mode is adjustable	
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 1 GB)	
Face Picture Comparison	8-ch	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search	
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)	
By NVR	All channels	
By Camera	All channels	
Vehicle Attributes	Plate number, license plate color, license plate type	
Plate Attributes	Vehicle brand, vehicle color, vehicle type	
Incoming Bandwidth	80 Mbps	
Outgoing Bandwidth	256 Mbps	
HDMI Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
VGA Output	1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	

प्रमुख प्रशासकिय अधिकारी

Video Output Mode	HDMI/VGA independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution PAL 704 × 576, NTSC 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Warranty	1 Years


 अक्षय कुमार
 ग्राम प्रशासक अधिकारी

· Specification

Camera	
Brand	(should be mentioned by bidder)
Model No	 (should be mentioned by bidder)
Image Sensor	[Bullet channel]: 1/1.8" Progressive Scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS
Min. Illumination	[Bullet channel]: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; [PTZ channel]: Color: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/30,000 s
Day & Night	ICR
Day/Night Switch	day, night, auto, scheduled-switch
Image Parameters Switch	[Bullet channel]: yes, [PTZ channel]: yes
White Balance	auto, ATW, sodium lamp, fluorescent lamp, indoor, outdoor, MWB, Locked WB
Zoom	32 × optical, 16 × digital or better [PTZ]
SNR	> 52dB
General Function	mirror, password protection, watermark, IP address filter
Focal Length	[Bullet channel]: 4 mm, [PTZ channel]: 5.9 to 188.8 mm, 32 × optical
Zoom Speed	[PTZ channel]: approx. 5.6 s
FOV	[Bullet channel]: Horizontal field of view: 79° Vertical field of view: 42.4°; [PTZ channel]: Horizontal field of view: 60.2° to 2.3° (wide-tele)
Aperture	[Bullet channel]: F1.0, [PTZ channel]: F1.5
Supplement Light Type	[Bullet channel] White Light, [PTZ channel] IR
Supplement Light Range	[Bullet channel]: up to 30 m, [PTZ channel]: up to 200 m
Movement Range (Pan)	360°
Movement Range (Tilt)	-15° to 90° (auto flip)
Pan Speed	pan speed: configurable from 0.1° to 160°/s, preset speed: 240°/s
Tilt Speed	tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Proportional Zoom	Yes
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol

प्रमाणित
Requirement

ओम प्रकाश शर्मा
अधिकृत

Pattern Scan	4 pattern scans
Power-off Memory	Yes
Park Action	preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	Yes
PTZ Status Display	Yes
Preset Freezing	Yes
Exception Detection	IP address conflict, HDD full, illegal login, HDD error, network disconnected
Max. Resolution	[Bullet channel]: 2560 × 1440; [PTZ channel]: 2560 × 1440
Stream Type	main stream, sub-stream, third stream
Main Stream	[Bullet channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	[Bullet channel]: 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) [PTZ channel]: 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	[Bullet channel]: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) [PTZ channel]: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Bit Rate	32 kbps to 16384 kbps
Audio Compression	G.711, G.722.1, G.726, MP2L2, PCM
Audio Bit rate	32 to 192 Kbps (MP2L2)
Audio Sampling Rate	8 kHz, 16 kHz, 32 kHz, 48 kHz

संयोजक
प्रमुख प्रशासक

Environment Noise Filtering	Yes				
Face Capture	[Bullet channel] no [PTZ channel] yes				
Basic Event	[PTZ channel] motion detection, video tampering alarm [PTZ channel & bullet channel] alarm input, alarm output, exception				
Smart Event	[Bullet channel] intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection [PTZ channel] intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection				
Auto Tracking	[PTZ channel] yes				
Smart Linkage	Manual tracking, auto tracking, tracking takeover, track in turn				
Alarm Linkage	[Bullet channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing [PTZ channel] Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, audible warning, white light flashing, and PTZ actions (such as preset, patrol scan, pattern scan)				
Warning and Alert	white light and audible warning				
Network Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour, Websocket, Websockets				
Simultaneous Live View	20				
User/Host	32				
Web Browser	IE 10+, Chrome 57+, Firefox 52+, Safari 12+				
Communication Interface	RJ45, self-adaptive 10M/100M Ethernet port				
On-board Storage	Built-in memory card slot, support Micro SD/Micro SDHC/Micro SDXC, up to 256 GB				
Power Consumption and	Max. 42 W, including max. 2.6 W for heater and max. 11 W for supplement light				
Operating Conditions	-30°C to 65°C (-22°F to 149°F), humidity lower than 90%RH				
Reset	Yes				
Warranty	1 Years				

ऑन प्रकाश दृष्टिकोण
प्रमुख प्रशासनिक अधिकारी

s.no	item	specification	quantity
1	tiffen box		2
2	media converter		2
3	fiber wire	4 core	1100m
4	rj45 clip cable tia other accessories		50/50/50
6	cat 6 cable out door	pure cupper out door	1 box
7	storage 4TB		2
8	Wire (Flexible cable)	1.5mm 2 core Tuft-wire outdoor electrical cable. Power and control cable for fixed installations, used where mechanical damage is not expected. Can be used indoors, outdoors, underground, in concrete and in water. Black UV resistant PVC outer sheath.	
9	8 port Gigabit PoE switch	L2, unmanaged, 8 Gigabit PoE ports, 1 Gigabit RJ45 uplink port, 1 Gigabit SFP uplink port, 802.3af/at, poe power budget 58w, 6 kv surge protection for PoE ports, solid high-strength metal shell	4
10		Manufacturer Height: 340mm Width:-19"/550mm Depth:- 500mm Material : Steel Color : NA	2
	6u v rak		
11	pool box	NA	2


 ऑन प्रकाश कंबोटे
 प्रमुख प्रशासक अधिकारी

s.no	iteam	specification	quantity
	2mp Camera	image Sensor 1/2.8" Progressive Scan CMOS Max. Resolution 1920 × 1080 Min. Illumination Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light Shutter Time 1/3 s to 1/100,000 s Day & Night 24/7 color imaging Angle Adjustment Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 126° 4 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 99° Lens Mount M12 Iris Type Fixed Aperture F1.0 Depth Of Field 2.8 mm: 1.5 m to ∞ 4 mm: 2.1 m to ∞ DORI Illuminator Supplement Light Type White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region Of Interest (ROI) 1 fixed region(s) for main stream Network Protocol TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, SSL/TLS Image Wide Dynamic Range (WDR) Digital WDR SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser	3
	4mp color vs Acusense warm led bullet in microphone (IP Camera)	1/1.8" Progressive scan CMOS; 2.8mm, warm LED Bullet, color: 0.0005lux @(F1.0, AGC on) 0 lux with LED on; 25fps/30fps (2688*1520, 2304*1295, 1920*1080) VCA functions: 3 streams: 3d DN-BLC; ICR: 3000K warm LED; 120dB WDR, DCI 12v & Poe; Built-in micro SD/SDHC/SDXC slot; connect the cloud service; all-metal u-b; built in microphone line crossing detection, intrusion detection, Region Entrance, Region exiting; Human/ vehicle classification alarm	3

अनुप प्रकाश अतिरिक्त प्रमाणित

s.no	iteam	specification	quantity
1	Brand Name:	NA	2
2	Model	32" Smart High Sound Audio	
3	4K	Supported	
4	Double Glass Protection	-	
5	USB Port,	VGA Port, HDMI Port, AV port	
6	connectivy	Wifi, Android 9.0, with share	
7	storage	512MB Ram, 4GB Rom (Memo	
8	Front Extra Glass Protection	-	
9	model number	NA	


 ओम प्रकाश देवकोटा
 प्रमुख प्रशासकिय अधिकृत