



হবিগঞ্জ পল্লী বিদ্যুৎ সমিতি
শায়েস্তাগঞ্জ, হবিগঞ্জ।



অফিস : ০৮৩৩২-৫৬৬৪২, অভিযোগ কেন্দ্র : ০৮৩৩২-৫৬৬৬৩, Email-habigonjpbs@yahoo.com, WEB- www.pbs.habiganj.gov.bd

স্মারক নং- ২৭১২.৩৬৪৪.৫০৫.০১.৭২১.২৩.৪০৬৬

তারিখ : ২৭ অক্টোবর ১৪৩০ বঙ্গাব্দ
১২ ডিসেম্বর ২০২৩ খ্রীঃ

বিষয় :- সিসিটিভি ক্যামেরা (আইপি বেইজড) এন্ড এক্সেসরিজ এর সর্বশেষ মূল্য জানানো প্রসংগে।

উপর্যুক্ত বিষয়ের প্রেক্ষিতে জানানো যাচ্ছে যে, নিম্ন বর্ণিত সিসিটিভি ক্যামেরা (আইপি বেইজড) এন্ড এক্সেসরিজ ক্রয় পূর্বক ইনডোর উপকেন্দ্রে স্থাপনের লক্ষ্যে আপনার প্রতিষ্ঠান হতে সর্বশেষ বিক্রয় মূল্য আগামী ১৪/১২/২০২৩ খ্রীঃ অফিস চলাকালীন সময়ের মধ্যে অত্র পবিসের ইমেইল- habigonjpbs@yahoo.com এ প্রেরণ এর জন্য অনুরোধ করা হল।

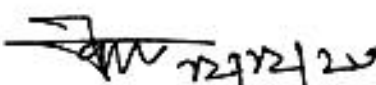
Sl	Product Name	Unit	Quantity	Unit Price	Total Price
1	Bullet Camera(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	5		
2	Dome Camera(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	2		
3	8 Channel NVR(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	1		
4	8 Port POE Switch(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	1		
5	21.5" LED Monitor(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	1		
6	4 TB HDD(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	1		
7	3 KVA Online UPS(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	1		
8	UTP Cat-6 Cable(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Meter	305		
9	RJ-45 Connector(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	20		
10	Housing Unit (সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	5		
11	9U Rack(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Nos	1		
12	Installation Charge(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	Per Camera	7		
13	Power Cable(সংযুক্ত স্পেসিফিকেশন অনুযায়ী)	RFT	30		


(প্রকৌঃ মুজিব কুমার বিশ্বাস)
জেনারেল ম্যানেজার

অনুলিপি : (সদয় অবগতির নিমিত্তে)

০১। এজিএম (অর্থ), হপবিস।

০২। অফিসকপি/মাস্টার কপি।


(মোহাম্মদ মনিরুজ্জামান)
এজিএম (প্রশাসন)

4 MP Fixed Bullet Network Camera	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	
ASMAG	Brand Should be at top 5 in Surveillance Ranking
Image Sensor	Min. 1/2.9" Progressive Scan CMOS
Min. Illumination	Mn Color: 0.02 Lux @ (F1.0, AGC ON) or higher
Wide Dynamic Range	120 dB
Lens Mount	M12
IR Range	Min. 30 m
Visual Alarm	Yes
Resolution	Minimum 2560 × 1440
Video Compression	H.265/H.264/H.265/MJPEG
Video Bit Rate	Min. 32 Kbps to 6144 Kbps
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP,DNS, DDNS, NTP,SMTP,IGMP, IPv4, IPv6, UDP, ARP, SNMP
Bit Rate Control	CBR/VBR
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio Compression	G.711A/G.711Mu/G.726
User/Host	Min. 20 users. 3 user levels: administrator, operator and user
Image Enhancement	BLC, HLC, 3D DNR
API	Open Network Video interface (PROFILES, PROFILE G), ISAPI
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Power Supply	12 VDC ± 25%; PoE: 802.3af
Camera Material	Metal & Plastic
Protection	IP67
Warranty	01 (One) Year

4 MP Network Dome Camera	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be *Mentioned By Tenderer
Technical Specification	
ASMAG	Brand Should be at top 5 in Surveillance Ranking
Image Sensor	Min. 1/2.9" Progressive Scan CMOS
Illumination	Min. 0.01 Lux @ (F2.0, AGC ON), 0 Lux with Light
Wide Dynamic Range	Min. 120 dB
Lens Mount	M12
IR Range	Min. 30 m
Resolution	Min. 2560 × 1440 or Higher
Video Compression	H.265/H.264/H.265/MJPEG
Bit Rate Control	CBR/VBR
Region of Interest (ROI)	Min. 1 fixed region for main stream and sub-stream
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
Simultaneous Live View	Up to 6 channels
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, NTP,SMTP,IGMP, IPv4, IPv6, UDP, ARP, SNMP
API	Open Network Video Interface, ISAPI
Image Enhancement	BLC, HLC, 3D DNR
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Basic Event	Motion detection, video tampering alarm, exception
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: 802.3af,
Material	Metal & Plastic
Protection	IP67
Warranty	01 (One) Year

8 Channel NVR	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	
IP video input (Minimum)	Minimum 8-channel Minimum 8 MP resolution
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Minimum Incoming bandwidth	Min. 80 Mbps
ASMAG	Brand Should be at top 5 in Surveillance Ranking
Minimum Outgoing bandwidth	Min. 80 Mbps
Minimum Remote connection	Min. 32
Recording resolution	Min. 8 MP resolution
Video output mode	HDMI/VGA simultaneous output
Decoding format	H.265+/H.265/H.264/H.264
Synchronous playback	8-ch
Network protocols	TCP/IP, DHCP, DNS, DDNS, NTP, SMTP, NFS, HTTPS or Equivalent.
SATA	Min. 1 SATA interfaces
Capacity	Up to 4TB capacity for each HDD
Network interface	Minimum 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
USB interface	Front panel: 1 \times USB 2.0; Rear panel: 1 \times USB 2.0
Warranty	01 (One) Year

8-Port PoE Switch	
Brand	Any International Reputed Brand; To be Mentioned by the Bidder
Model	To be Mentioned by the Bidder
Country of Origin	To be Mentioned by the Bidder
Country of Manufacturer	Same As Origin; To be Mentioned by the Bidder
Technical Specification	
ASMAG	Brand Should be at top 5 in Surveillance Ranking
Ports	Minimum 8 \times 10/100 Mbps PoE port, 1 \times 10/100 Mbps RJ45 port
Switching Capacity	Minimum 1.8 Gbps
Packet Forwarding Rate	Minimum 1.34 Mpps
PoE Port	Minimum PoE: Ports 1 to 8
Max. Port Power	Minimum 30 W
PoE Power Budget	Minimum 60 W
Long Range	Minimum Ports 1 to 8.
Power Supply	Minimum 48 V DC, 1.35 A
Max. Power Consumption	Minimum 65 W
Warranty	01 (One) Year

22 inch Monitor	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	
Display Size	21.5 inches / 54.61 cm
Shape	Wide Screen Monitor
Display Type	FULL HD 1080p
Display Resolution	Minimum 1920 x 1080 at 60Hz
Brightness	250 cd/m ²
Contrast Ratio	1000:1 (Typical)
Connectivity	VGA & HDMI
Typical viewing angle	178° Degree (H) /178° Degree (V)
Backlight Technology	LED Edgelight System
Response Time	5 ms typical (black to gray, gray to black)
Aspect Ratio	>16:9
Panel Type	In-Plane Switching (IPS); Anti-glare with 3H hardness
Speaker	NO
Colour depth	16.7 Million Colours
I/O Slots	NO
Warranty	01 (One) Years

4TB Surveillance HDD	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	
Specifications	Minimum 4TB
Product Type	Surveillance HDD
Interface	SATA 6Gb/s
Cache, MB	128
Surveillance Performance	
Surveillance Performance Max Sustained Data Rate, OD Read (MB/s)	180
Warranty	01 (One) Year

3 KVA Online UPS	
Brand	Internationally Reputed Brand.
Model	To be mentioned by the bidder
Country of Origin	To be mentioned by the bidder
Capacity	Minimum 3000 VA or Higher
Backup time	Minimum 15-30 Minutes depending on load
Input voltage range	Min. 110-280V AC.
Frequency	50 Hz \pm 5%.
Protection	Fuse.
Output voltage	220V AC \pm 5%.
Transfer time	0 ms
Battery	Min. 6 pcs with 12V & 7Ah
Recharge time	Min 4-8 hrs to 90% after fully discharge.
No. of battery blocks	Min. 6
Protection	Built-in Automatic voltage Regulator with lightning surge protection, Spike burnouts, over voltage & under Voltage cut- off, Battery low & over charge protection & Surge protection.
Accessories	Completed with configuration as per site requirement.
Warranty	01 (One) Years.

UTP Cat-6 PVC 23 AWG Cable		
Descriptions	Minimum Required Specification	
Brand	To Be Mentioned By Tenderer	
Model	To Be Mentioned By Tenderer	
Country of Origin	To Be Mentioned By Tenderer	
Country of Manufacturer	To Be Mentioned By Tenderer	
Technical Specification		
Category	Cat.6	
Reference standard	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	
Fire resistance	No	
Conductor	Material	Solid-Bare Copper (99.95%)
	Diameter	0.55 ± 0.005 mm, 23 AWG
Insulation	Material	HDPE
	Diameter	0.98 ± 0.05 mm
Sheath	Thickness	0.50 ± 0.10 mm
	Diameter	6.00 ± 0.30 mm
	Material	PVC
	Color	Orange
Rip-cord	Yes	
Separator	Yes	

RJ-45 Connector, Cat-6	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	
Product	RJ-45 Connector, Cat-6
Plug Type	RJ-45, Cat-6
Ethernet Speed	Gigabit
Molding Type	snag-less
Maximum data signal	Yes

Housing Unit	
Brand	To be Mentioned by bidder
Model	To be mentioned
Type	Outdoor
Materials	Almunium or SS
Description	To be supplied and set as per camera
Others	Sample Housing unite to be approved by the authority before installation

9U Rack Wall Mount Rack With PDU	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	
Dimension	9U 500mm(H)x 600mm(W)x 450mm(D)
Front Door	Single glass front door with vented holes & silver handle lock
Rear Panel	Rear panel with hanging plate
Side Panels	Steel Sheet side panels with Round Lock
Mounting profile	1.5mm thickness, others are 1.2mm thickness
Cooling Fans	Min 2 Pcs with 3pin Power Cord
Color	Black
Cable Entry	Top & Bottom
Philip screws and Nuts	Min 20 Sets
PDU	13AMP Min 6 way PDU with 3 Pin Plug

PVC Pipe/Channel	
Descriptions	Minimum Required Specification
Brand	Mention By the tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	PVC Pipe/Channel 0.75/1 inch dia minimum wall thickness 1.5 mm.

Power cable	
Descriptions	Minimum Required Specification
Brand	To Be Mentioned By Tenderer
Model	To Be Mentioned By Tenderer
Country of Origin	To Be Mentioned By Tenderer
Country of Manufacturer	To Be Mentioned By Tenderer
Technical Specification	BYM 1C (2 x 2.5 RM)-BYM PVC Insulated Multi core 300/500V Cable