



হবিগঞ্জ পল্লী বিদ্যুৎ সমিতি
শায়েরগঞ্জ, হবিগঞ্জ।



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

স্মারক নং- ২৭.১২.৩৬৪৪.৫০৫.০১.৭২১.২৩

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 আউটডোর 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 | 2 | | |
| 2 | 4 Channel NVR(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 1 | | |
| 3 | 4 Port POE Switch(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 1 | | |
| 4 | 21.5" LED Monitor(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 1 | | |
| 5 | 2 TB HDD(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 1 | | |
| 6 | 1 KVA offline UPS(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 1 | | |
| 7 | UTP Cat-6 Cable(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Meter | 60 | | |
| 8 | RJ-45 Connector(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 10 | | |
| 9 | Housing Unit (সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Nos | 2 | | |
| 10 | Installation Charge(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | Per Camera | 2 | | |
| 11 | Power Cable(সংযুক্ত স্পেসিফিকেশন অনুযায়ী) | RFT | 20 | | |
| | | | | | |

(প্রকৌঃ সুজিত 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 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 4-channel Minimum 4 MP resolution |
| Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 k Ω) |
| ASMAG | Brand Should be at top 5 in Surveillance Ranking |
| Minimum Incoming bandwidth | Min. 40 Mbps |
| Minimum Outgoing bandwidth | Min. 60 Mbps |
| Recording resolution | Min. 6MP resolution |
| Video output mode | HDMI/VGA simultaneous output |
| Decoding format | H.265+/H.265/H.264/H.264 |
| Synchronous playback | 4-ch |
| Network protocols | TCP/IP, DHCP, DNS, DDNS, NTP, SMTP 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 | 2 \times USB 2.0 |
| Warranty | 01 (One) Year |

| 4-Port PoE Switch | |
|--------------------------------|--|
| 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 |
| Ports | Minimum 4 \times 10/100 Mbps PoE port, 1 \times 10/100 Mbps RJ45 port. |
| Switching Capacity | Min. 1 Gbps |
| Packet Forwarding Rate | Min. 0.7 Mpps |
| PoE Port | Min. PoE: Ports 1 to 4 |
| Max. Port Power | Min. 30 W |
| Long Range | Min. Ports 1 to 4. |
| 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 |

| 2TB 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 2TB |
| 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 |

| 1 KVA Offline UPS | |
|----------------------------|---|
| Brand | Internationally/Nationally Reputed Brand |
| Model | To be Mentioned by bidder |
| Country of Origin | To be Mentioned by bidder |
| Capacity | Min.1000VA or Higher |
| Backup time | Minimum 45 minutes backup upto 8 IPC |
| Input voltage range | Minimum 140-300VAC. |
| Frequency | 50 Hz + 1%. |
| Protection | Fuse. Over load, discharge and overcharge protection. |
| Out put voltage | 220V/230V + 10%AC |
| Transfer time | 2-6 ms typically. |
| Battery type | 12 V / 9 Ah |
| Recharge time | Min 6-8 hours (To 90% capacity). |
| DC start up | Yes. |
| 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. |
| Warranty | 1 Year. |

| 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 | |

| 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 |

| 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 |