

डॉ बाबासाहेब आंबेडकर.
मराठवाडा विद्यापीठ



Dr. Babasaheb Ambedkar
Marathwada University

NAAC Accredited by 'A+' Grade

Electronics & Instrumentation Center (U.S.I.C.)

विद्यापीठ प्रांगण,

University Campus,

छत्रपती संभाजीनगर(रा.म) ४३१००४- भारत

Chhatrapati Sambhajanagar - 431 004 (M.S.) India

EPBX : (0240) 2403399 & 400.
Telephone : 2403108.
FAX : 2403335.

Web Site : www.bamu.ac.in
E-mail : headusic@bamu.ac.in

संदर्भ क्र.: इले.अॅण्ड इन्स्ट्रुमे. कक्ष (युसिक)/२०२५-२६/३३)

दिनांक: ०६/०३/२०२६.

विषय:- दरपत्रक सादर करणेबाबत.

महोदय,

वरील विषयास अनुसरून कळविण्यात येते कि, मालवीय मिशन- शिक्षक प्रशिक्षण कार्यक्रम विभागात सीसीटीव्ही यंत्रणा खरेदी करिता खालील तांत्रिक बाबींची पूर्तता करून दि. १३/०३/२०२६, रोजी दुपारी ३.०० वाजेपर्यंत दरपत्रक इलेक्टॉनिक्स अॅण्ड इन्स्ट्रुमेंटेशन कक्ष (युसिक) येथे सादर करावेत.

Sr. No.	Name of Item	Make/ Model	Rate (Rs.)	Qty.	Amount (Rs.)
01.	4MP Color Fixed Dome with Mic Image Sensor 1/2.7 inch Progressive Scan CMOS, Max. Resolution 1920 × 1080, Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR, Shutter Time 1/3 s to 1/100,000 s, Day & Night IR cut filter, rotate: 0° to 360°, Lens, Lens Type Fixed focal lens, 2.8 and 4 mm optional, Focal Length & FOV 2.8 mm, horizontal FOV 111°, vertical FOV 55°, diagonal FOV 133°, 4 mm, horizontal FOV 90°, vertical FOV 45°, diagonal FOV 100°, Lens Mount M12, Iris Type Fixed, Aperture F1.6, Illuminator, Supplement Light Type IR, White Light, Supplement Light Range Up to 30 m, Smart Supplement Light Yes, IR Wavelength 850 nm, Video, Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720), Compression, Main stream: H.265+/H.265/H.264+/H.264,(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 for main stream and sub-stream, Audio, Audio Type Mono sound, Environment Noise Filtering Yes, Audio Sampling Rate 8 kHz/16 kHz, Audio Compression, G.711ulaw/ G.711alaw/ etc. Network, Security, Password protection, complicated password, HTTPS encryption, watermark, digest authentication for HTTP/HTTPS, WSSE and digest, authentication for, ONVIF, RTSP over HTTPS, TLS 1.3, Simultaneous Live View Up to 6 channels, API ONVIF (Profile S, Profile T, Profile G), Protocols TCP/IP, UDP, Multicast, NTP, DDNS, SNMP, QoS, DHCP, IPv4,IPv6, DNS, HTTP, HTTPS, RTSP, User/Host Up to 32 users, 3 user levels: administrator, operator, and user, Web Browser Plug-in required live view: IE 10, IE 11, Local service: (WDR) 120 dB, SNR ≥ 52 dB, Day/Night Switch Day, Night, gain, white, balance, adjustable by client software or web browser, Privacy Mask 4 programmable polygon privacy masks, Interface, Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port, Built-in Microphone Yes Event, Basic Event Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception, Smart Event Line			08 Nos.	

	crossing detection, intrusion detection, Linkage Upload to FTP/SFTP, Send email, notify surveillance center, trigger capture, General, Power, 12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity, protection, PoE: IEEE 802.3af, Class 3, max. 7.2 W, Startup and Operating, Conditions - 30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing), General Function Heartbeat, anti-banding, mirror, password reset via email, pixel counter, password protection, Protection IP67.				
02.	<p>4MP Color Fixed Bullet Camera with Mice</p> <p>Image Sensor 1/2.9 inch Progressive Scan CMOS, Max. Resolution 2560 × 1440, Shutter Time 1/3 s to 1/100,000 s, Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR, Day & Night IR cut filter, Angle Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°, Lens, Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional, Focal Length & FOV, 2.8 mm, horizontal FOV 98.2°, vertical FOV 54.2°, diagonal FOV 114.6°, 4 mm, horizontal FOV 78.8°, vertical FOV 42.3°, diagonal FOV 93.4°, 6 mm, horizontal FOV 49.1°, vertical FOV 26.3°, diagonal FOV 57.2°, Lens Mount M12, Iris Type Fixed, Aperture F1.6, DORI, DORI, 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m, 4 mm, Supplement Light Type IR, White Light, Supplement Light Range IR: up to 30 m, White Light: up to 20 m, Smart Supplement Light Yes, IR Wavelength 850 nm, Video, Main Stream 50 Hz: 20 fps (2560 × 1440); 25 fps Video Compression Main stream: H.265+/H.265/H.264+/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 for main stream and sub-stream, Audio, Audio Type Mono sound, Environment Noise, Filtering Yes Audio Sampling Rate 8 kHz/16 kHz, Audio Compression, G.711ulaw/ G.711alaw/ G.722.1/ Network Security, Password protection, complicated password, HTTPS encryption, watermark, digest authentication for HTTP/HTTPS, WSSE and digest authentication for, ONVIF, RTSP over HTTPS, security audit log, TLS 1.3, Simultaneous Live View Up to 6 channels, API ONVIF (Profile S, Profile T, Profile G), Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, User/Host Up to 32 users,3 user levels: administrator, operator, and user, Web Browser Plug-in required live view: IE 10, IE 11,Local service: 52.0+, Edge 89+, Image, Wide Dynamic Range, (WDR) 120 dB, 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 Privacy Mask 4 programmable polygon privacy masks, Interface, Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port, Built-in Microphone Yes Event, Basic Event Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception, Smart Event Line crossing detection, intrusion detection, Linkage Send email, notify surveillance center, trigger capture, General, Power, 12 VDC ± 25%, 0.5 A, max. 6 W, reverse polarity Protection, PoE: IEEE 802.3af, Class 3, General Function Heartbeat, anti-banding, mirror, password reset via email, pixel counter, password protection Protection IP67.</p>			01 No.	
03.	<p>NVR 16 CH</p> <p>Facial Detection and Analytics Face picture comparison, human face capture, face picture search Face Picture Library Up to 16 face picture libraries, with up to 20,000 face pictures in total, (each picture ≤ 4 MB, total capacity ≤ 1 GB), Facial Detection and Analytics Performance 1-ch human face capture Face Picture Comparison 4-ch face picture comparison alarm Motion Detection 2.0, Human/Vehicle Analysis 32-ch, Video and Audio, IP Video Input 32-ch, Incoming Bandwidth 256 Mbps Outgoing Bandwidth 160 Mbps, HDMI Output, 1-ch, 4K (3840 × 2160)/30 Hz, 2K</p>			01 No.	

	<p>(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 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, Video Output Mode HDMI/VGA independent output, CVBS Output N/A, Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input), Two-Way Audio 1-ch, RCA (Linear, 1 KΩ), Decoding Decoding Format H.265/ H.265+/H.264+/H.264</p> <p>Recording Resolution 12 MP/8 MP/6 MP/5 MP/4 MP/3, MP/1080p/ UXGA/ 720p/VGA/ 4CIF/ DCIF/ 2CIF/CIF/QCIF, Synchronous playback 16-ch, Decoding Capability, AI on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps), AI off: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12- ch@1080p (30 fps), Stream Type Video, Video & Audio, Audio Compression, G.711ulaw/ G.711alaw/ G.722/G.726/AAC, Network, Remote Connection 128, Network Protocol TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, SISTP, UPnP™, HTTP, HTTPS, Network Interface 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface, Auxiliary Interface, SATA 2 SATA interfaces, Capacity Up to 10 TB capacity for each HDD, USB Interface Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0, Alarm In/Out 4/1, General, Power Supply 12 VDC, 3.3 A, Consumption ≤ 15 W (without HDD), Working Temperature -10 °C to 55 °C (14 °F to 131 °F), Working Humidity 10% to 90%, Dimension (W × D × H) 385 mm × 315 mm × 52 mm, Weight ≤ 1 kg (without HDD, 2.2 lb.), Available Model, PT-NRAS2A32-K2.</p>				
04.	<p>8 × Gigabit PoE ports, 2 × uplink port (Copper or Fiber) Forwarding mode Store-and-forward switching, POE Standard IEEE 802.3af, IEEE 802.3at, Switching capacity 20 Gbps, Packet forwarding rate 14.88 Mpps, Max. port power 30 W, PoE power budget 58 W, MAC Address Table 4 K, Surge Protection 6KV.</p>			03 Nos.	
05.	<p>Hard Disk 8TB AI-enabled NVR systems surveillance Hard Disk. Interface: SATA 6 Gb/s., Recording, Technology : CMR, AI Real Time Capture Events/Sec 1,2 : up to 120, Load/Unload Cycles: 600,000, Warranty, Limited (5 years)</p>			01 No.	
06.	<p>4 U Wall Rack 600*550 Wall Mount 6U x 550 W x 600 D - Front Glass Door with Lock & Key, 2 pairs of 19" Mounting Rails with U-Marking Welded Side Walls</p>			02 Nos.	
07.	<p>HDMI Cable 15 Meter High Speed HDMI Cable Superior Video quality True 4K94096*2160@60Hz) HDMI Ethernet Channel Functionality, Aluminum Foil cable Shield, HDMI (3D, Deep Color, 4K); HDCP 2.2 Compliant, Gold-Plated connectors ; RoHS Compliant; Bend Radius- 90 Degree</p>			01 No.	
08.	<p>USB Extension Cable 03 Meter USB 3.0 active extension cable, power output - up to 5 Gbit/s., Higher transfer rates up to 5 Gbps., Full-duplex data, transmission support for new transfer types in the future, Extend your surveillance camera, Excellent for extra long-distance data transfer for a smoother, clearer experience Equal to an ordinary USB cord.</p>			01 No.	
09.	<p>Wireless Mouse Smooth optical tracking DPI (Min/Max): 1000, Connection Type: 2.4 GHz wireless connection or Equivalent, Wireless range: 10 meters Wireless range may vary based on user, environmental and computing conditions. Connect / Power: Yes, on/off switch.</p>			01 No.	
10.	<p>Pure Copper CAT 6 Cable Supply and installation of pure Copper CAT 6 cable with installation on wall/over POP ceiling and terminator on both ends of each segment</p>			500 Mtr Appr.	

11.	LED Smart TV 32 Inch Resolution 3,840 x 2,160, Picture Engine Crystal Processor 4K, One Billion Color, PQI (Picture Quality Index) 2000, HDR (High Dynamic Range) HDR, HDR 10+ Support, HLG (Hybrid Log Gamma), Contrast Mega Contrast, Color Pur Color, Contrast Enhancer, Auto Motion Plus, Film Mode, Filmmaker Mode (FMM), Dolby Digital, Adaptive Sound, Q-Symphony, Sound Output 20W, Multi Voice Assistant, Google Assistant Built-in, Works with Google Assistant, Works With Alexa, Smart Things App Support, Gallery, Mobile to TV - Mirroring, DLNA, App Casting, Bluetooth Low Energy, Wi Fi Direct, TV Sound to Mobile, Sound Mirroring, Wireless Dex, Cloud Service Microsoft 365, Tune Station, S-Share, Dongle Compatibility (3G / LTE / Wi Fi), Analog Clean View, Triple Protection, Game Feature, Auto Game Mode (ALLM), Tuner/Broadcasting, Digital Broadcasting DVB-T2, Analog Tuner HDMI3, USB1, Digital Audio Out (Optical) 1, RF In (Terrestrial / Cable input) 1/1 (Common Use for Terrestrial)/0, HDMI A / Return Ch. Support Yes, eARC, HDMI Quick Switch Yes, Bluetooth Yes (BT4.2), Design New Bezel-less, Slim Type Slim look, Front Color BLACK, Stand Type SLIM FEET, Stand Color BLACK, Digital Clean View, Auto Channel Search, Connect Share™ (HDD), Connect Share™ (USB 2.0), EPG, BT HID Built-in, USB HID Support, Tele text (TTX), IPv6 Support			01 No.	
12.	PVC casing & capping 1 Inch Supply and installation PVC casing & capping installation on wall/over POP ceiling and terminator.			200 Mtr Appr.	
13.	PVC casing & capping 25 MM Supply and installation PVC Pipe MMS installation on wall/ and terminator Including Coupling, Bend, Junction Box, Saddle.			200 Mtr Appr.	

● **दरपत्रक पाकीट १ सोबत खालील कागदपत्रे जोडणे आवश्यक आहे.**

- आयकर परतावा शेवटचे आर्थिक वर्ष (२०२४-२५.) प्रत
- व्यवसाय नोंदणी प्रमाणपत्र किंवा दुकान कायदा परवाना किंवा लिंक अॅक्टिव्हिटीसह उद्यम नोंदणी/ एमएसएमई/प्रमाणपत्र- एनएसआयसी प्रमाणपत्र (प्रस्तावित खरेदी सेवा, देखभाल, दुरुस्ती संबंधित असावा.)
- पॅन कार्ड
- वस्तू सेवा कर (GST) प्रमाणपत्र
- उत्पादनांच्या तांत्रिक बाबींची संपूर्ण माहितीची प्रत. (With Make Model) (Technical Specification)

विशेष टिपणी -:

- दरपत्रके दोन लिफाफ्यात सादर करावीत .
१. तांत्रिक बिंबंसह उपरोक्त कागदपत्रे एका लिफाफ्यात वरीलप्रमाणे असावीत. (Envolop no.1)
२. दुसऱ्या लिफाफ्यात फक्त दर असावेत. छापील /टंकलिखित (Typing) स्वरूपात असावेत. (दर सर्व करांसहित नमूद असावेत.) (Envolop no. 2)
- नियमानुसार उपरोक्त कागदपत्रे आणि तांत्रिकबाबी असलेला पहिला लिफाफा उघडण्यात येईल. सर्व कागदपत्रे आणि विभागांच्या तांत्रिक बाबींची पूर्तता करणाऱ्या पुरवठ्याधारकांचा दर नमूद असलेला दुसरा लिफाफा उघडण्यात येईल.
- पात्र पुरवठाधारकांच्या कंपनीची प्रत, साहित्य कोणत्या कंपनीचे आहे, त्याची गुणवत्ता/दर्जा,विद्यापीठसेवा दिलेली असल्यास समाधानकारक आहे किंवा नाही, या सर्व बाबींचा विचार करून साहित्य खरेदीची पुढील प्रक्रिया करण्यात येईल.
- फक्त ब्रँडेड कंपनीचे दर नमूद केलेले असावेत. लोकल मेड किंवा असेंबल केल्या जाणाऱ्या साहित्यांचा खरेदीसाठी प्राप्त दरपत्रकांचा विचार केला जाणार नाही.

- अधिकृत विक्रेता अधिकृत वितरक मूळ उत्पादक लघुउद्योजक यांनी संबंधित कागदपत्रे तांत्रिक लिफाफ्यासोबत सादर करावीत.
- पात्र पुरवठाधारकांनी सादर केलेले दर आणि प्रचलित बाजार दर तपासून सर्वात कमी (L₁) दर नमूद करणाऱ्या पुरवठाधारकांसोबत दर वाटाघाटी करण्यात येईल.
- दर वाटाघाटी नंतर अंतिम ठरलेला पुरवठाधारकांस रुपये १ लक्ष वरील खरेदीसाठी आदेश प्रपत्र देण्यापूर्वी (As per Account code 5.44) ५ % सुरक्षा ठेव वर्षाच्या कालावधी करिता वित्त व लेखा विभागात जमा करावी लागेल.
- रुपये २.५० लक्ष वरील खरेदी सेवा व देखभाल दुरुस्तीसाठी शासन निर्णयानुसार GST TDS 2% कपात केली जाईल असा उल्लेख दर पत्रकात करण्यात यावा.


विभाग प्रमुख

का.प्र.



