

**BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION, SIKSHA BHAWAN, SAIDPUR,  
PATNA**

**NAME OF WORK : SUPPLYING, INSTALLING , TESTING & COMMISSIONING OF CCTV CAMERAS IN 260 COLLEGES  
IN DIFFERENT DISTRICTS OF BIHAR .**

**RATE TO BE QUOTED IN DIGITS & WORDS IN EACH ITEM OF THE WORK MENTIONED BELOW**

**NAME OF THE BIDDER / AGENCY**

**ADDRESS , E- MAIL AND MOBILE NO. OF BIDDER / AGENCY**

SL. NO.	ITEM	UNIT	QTY. Per College	QTY. For 260 Colleges	RATE PER College (Digit)	RATE PER College (Words)	TOTAL AMOUNT (For 260 Colleges)
	Supplying, Installing, Testing & Commissioning of CCTV Cameras in 260 Colleges in different districts of Bihar with all complete job						
1	Supplying, Installing, Testing with Dome Camera Form factor 2 Megapixel high resolution Usage Indoor Usage Lens 1/3" Progressive Scan CMOS 2.7mm, 4mm, 6mm @ F2.0, angle of view: 106°(2.7mm), 83°(4mm), 55.4°(6mm) Video Compression: H.264 / MJPEG/H.264+Day /night IR cut filter with auto switch DNR 3D DNR White Balance Automatic/Manual Infrared Up to 30m IR range Network Protocols IPV4 and IPV6, TCP/IP, UDP, ICMP, HTTP, TTPS, SSL, DHCP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, ARP Web Browser: IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ Interface Type 1 RJ45 10M/100M Ethernet port, Base T, Memory slot support upto 128 GB, 1 Channel audio in support. Network Storage NAS (Support NFS, SMB/CIFS), ANR Make Pelco, Honeywell, Sony, Bosh, Hikvision or similar Power source DC 12V /PoE (802.3af)	Each	12	3120			
2	Supplying, Installing, Testing Bullet Camera with Form factor 2 Megapixel high resolution Usage Outdoor Usage Image device 1/3" Progressive Scan CMOS 4mm, 6mm @ F2.0, Angle of view: 82°(4mm), 55°(6mm) Compression H.264 / MJPEG Day /night IR cut filter with auto switch. DNR 3D DNR Infrared Built-in Infrared-Cut Removable (ICR) Filter module, Smart IR support Network Protocols TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour Interface Type 1 RJ45 10M/100M Ethernet port, Memory slot support upto 128 GB, 1 Channel audio in support. Weather protection IP66 compliant weatherproof housing with metal body Power source DC 12V /PoE (802.3af) Make Pelco, Honeywell, Sony, Bosch, Hikvision or similar	Each	4	1040			
3	Supplying, Installing, Testing Network Video Recorder with 16 Channel Video compression H-265 Channel 16 System Resolution multi-channel real time recording, playback, network operation Preview 1/4/8/16 Display Quality VGA, HDMI, Backup Mode Network/ USB Device Interface port 1 x HDMI, 1 x SATA (Single maximum support 6TB each) 12V/4A Pelco, Honeywell, Sony, Bosch, Hikvision or similar	Each	1	260			

4	Supplying,Installing,Testing 24 Port POE GIGABIT Network Switch with Gigabit Copper Ports- At least 24 Nos.of 10/100/1000 base T ports with RJ 45 Connector Gigabit Fiber Uplink Ports (1G/10G) -At Least 4 Nos of 1G SFP Ports, Port Status Display- Each Port must have a dedicated led for status display, IP Multicast -IGMP Snooping, In-band Management - Web based management (On https/http)-SSH based management (SSH v2). Telnet Out-of-band Management - Console Port -Management Ethernet Port. Interface cables - Console cable and power cable (As per Indian standards) to be provided. Make HP, Cisco, Net gear, D-Link, Hikvision Juniper or similar.	Each	1	260		
5	Supplying,Installing,Testing Hard Disk with Storage Capacity -6 TB, HDD Type -Surveillance, Make- Seagate, WD or similar.	Each	1	260		
6	Supplying Cat 6E UTP Cable with Network cable -23 AWG Solid Bare Copper with Polyolefin Tape, Tight lay system with Table 2 Colour coding, Short-staggered pair, Non-led FR PVC, Flexible separator, optimum pair to pair & power sum cross talk, Make D-Link, Molex, Digi link or similar all complete job including VC casing and capping.	meter	1000	260000		
7	Supplying,Installing,Testing Mount Network Rack Enclosure with Accessories Specification Racks manufactured out of steel punched, formed and powder coated. Racks should be manufactured by ISO 9001-2008 Certified Company. Racks should have Front Toughened Glass Door with lock & Key. Rack should have ventilations slots on the both sides Rack Should have provision for cable entry Exit from top & Bottom with rubber grommets Make: VALRACK/D-LINK/Net Rack/Similar	Each	1	260		
8	Supplying,Installing,Testing Display Panel with Screen Size- 32-inch Aspect Ratio- 16:9 Panel Backlight -IPS/Direct-LED Backlight Scanning -100Hz Resolution -1920 X 1080 pixels Viewing Angle-178 X 178 VIDEO IN -RCA X 1 AUDIO IN (L/R)/PC AUDIO IN -RCA Pin Type X 2 HDMI IN- TYPE A Connectors X 2 COMPONENT IN- Y, PB/CB, PR/CRX1 USB Input -USB 2.0 X 1	Each	1	260		
9	Supplying,Installing,Testing 1 KVA UPS with Some specification i)1 KVA/600W UPS ii)Input Voltage Range - 140-300V AC iii) Input Frequency - 50 Hz iv) Output Voltage - 230V AC v) Cord Length :1.5 mtr (min) vi) Maintenance-free sealed ,leakproof Battery vii) Full Protection - Discharge, overcharge, and overload protection viii) Auto restart while AC recovery ix) ROHS Complied x) Power backup of minimum 30 minutes for camera and network switch	Each	1	260		
					Total Amount (Rs) in Digit =	
<b>NOTE : All the Required Columns of the Financial Bid shall be Duly filled in. Rate to be filled both in the Digit &amp; Word.</b>					Total Amount (Rs) in Word =	

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PATNA**

**NAME OF WORK : SUPPLYING, INSTALLING, TESTING & COMMISIONING OF BIOMETRIC SYSTEM IN 260 COLLEGES  
IN DIFFERENT DISTRICTS OF BIHAR .**

**RATE TO BE QUOTED IN DIGITS & WORDS IN EACH ITEM OF THE WORK MENTIONED BELOW**

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SL. NO.	ITEM	UNIT	QTY.	RATE PER UNIT (Digit)	RATE PER UNIT (Words)	TOTAL AMOUNT (For 520 QTY.)
1	<p>Supplying, Installation, Testing &amp; Commissioning of Biometric Attendance System with entry of user profile and creation of Bio Metric data including LAN Work of approved brand all complete job.</p> <p>Detailed Specification:            User Capacity -3000 Capacity 3000Face,10,000Fingerprint            3000 Card/Password ,Log Capacity -200000            Identification Mode- Face/Fingerprint/Password/Card            ,Face+Pswd/FP+Pswd/Card+Password Verification Time &lt;0.2sec,            False Recognition Rate (FRR) -0.001,False Acceptance Rate(FAR)-            0.0001,LCD 2.8" TFT Colour Screen, Communication Interface            TCP/IP,USB(Host and Slave),Weigand in &amp;out,2x Relay            Fingerprint Image Display YES Operating Temperature 0 degree            C – 45degree C Operating Voltage -DC12V/1A ,Battery Built In            Dimension -145*175*80*(LxHxD) Sensor -600DPI Access Control-            Built In,Optional Features -Wi-Fi/GRPS/HID/Mifare/GPS            Camera- Built in Duel Camera with IR ,Cloud Technology -Multi            Location Centralized solution/ Sync finger and face Templet            across,Auto Sync with S/w data- Push Data Technology/No need            to process the data from device, automatically comes</p>	EACH	520			
				Total Amount (Rs) in Digit =		
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