



IIM SIRMAUR
KNOWLEDGE . LEADERSHIP

INDIAN INSTITUTE OF MANAGEMENT SIRMAUR
भारतीय प्रबन्ध संस्थान सिरमौर

Rampur Ghat Road,
Paonta Sahib, Sirmaur.
Himachal Pradesh-173025, India.

रामपुर घाट रोड,
पांवटा साहिब, सिरमौर।
हिमाचल प्रदेश-173025, भारत।

No. 1-20/2023-IIMS (PUR)/Misc. /27

October 17, 2023

Notice Inviting Quotation

Subject: Call for e-quotations for delivery & installation of CCTV Cameras

We solicit your e-quotation for the delivery & installation of CCTV Cameras at Hostels of IIM Sirmaur, Paonta Sahib subject to institute requirement as hereunder:

Sr. No.	Description & Quantity of Items	Basic Rate	GST	Total Amount (inclusive of all)
1.	Delivery & installation of CCTV Cameras at the Hostels of IIM Sirmaur (Specifications alongwith quantity attached at Annexure – I)			
Grand Total Amount (Inclusive of GST & all other charges)				

The bidders have to send this NIQ after filing rates in password protected pdf format to IIM Sirmaur by email to the purchaseoffice@iimsirmaur.ac.in with subject line: - "Quotation for delivery & installation of CCTV Cameras at Hostels of IIM Sirmaur."

1. Kindly ensure that the quotation is signed & stamped in the .pdf format (password protected), and free from any virus or corrupted files.
2. Quotation received without password protected shall not be considered for further process.
3. Quotations should be submitted on or before **01:00 PM** by **25.10.2023 (Wednesday)** and the password may be shared by email between **2:00 PM** to **2:30 PM** on **25.10.2023 (Wednesday)**.
4. The firm should ensure to send their GSTIN & PAN copy along with the quotation.
5. The Total Amount quoted at **X** for all the material in the attached Annexure – II (Financial Format) by the L1 vendor will be considered for placing the order.
6. It is mandatory to quote for all the items mentioned in Annexure – II (Financial Format), otherwise the quote will be rejected.
7. Delivery should be made on FOR basis by the vendor.

8. Payment shall be made to the successful vendor after satisfactory delivery & installation of cameras at the Hostels of IIM Sirmaur and submission of invoice (s) in original duly signed and stamped.
9. The vendor is required to fill the following details and sign & stamp the NIQ along with the e-quotation:
 - a) Name of Firm _____
 - b) Address of the Firm _____
 - c) GSTIN _____
 - d) PAN _____
 - e) Email Address _____
 - f) Contact No. _____
9. The firm should also ensure to submit a self-declaration that he is not black – Listed by any Central/State Govt. PSU/any other Institutions or not debarred by department of commerce or Ministry/ Department concerned.
10. In case of any clarification, vendor may feel free to contact on 01704-277312/277300.



Dr. K. Selvanathan
Senior Consultant (Admin)

Signature & Stamp of the Authorized Signatory

Annexure I

A

Qty - 04

6 Ports Switch with 4 PoE Ports & 2 Uplink Ports

Feature	Specification
Uplink Ports	2, 10/100Mbps; Transmission Distance: Default: 0-100m
PoE Ports	4, 10/100Mbps; RJ45 port; Max. 30W Output of Single PoE Port
Switch Capacity	1.2Gbps (non-blocking)
Packet Forwarding Rate	0.1488 Mbps/port
Network Standard	IEEE802.3/802.3u/802.3x
Network Ports	6
MAC Address List	2k
Transmission Distance	0-100m/100Mbps or Max. 250m/10Mbps via Cat.5e or more under Extend mode
PoE Standard	IEEE802.3af, IEEE802.3at
VLAN	Support
PoE Watchdog	Support
Mode DIP	Green light off: Normal/Default mode Green light on: VLAN mode Green light flash: Extend mode
PWR (Power supply Indicator)	Light on: Powering Light off: No Power
RJ-45 ACT Indicator	Green light off: Link is disconnected Green light on: Link is connected Green light flash: Data Transmitting
Surge Protection	Common mode/RJ45 port: 4KV Differential mode/RJ45 port: 2KV Common mode/Power board: 2KV Differential mode/Power board: 1KV
Forwarding Mode	Store-and-forward
ESD Protection	Air discharge: 8KV Contact discharge: 6KV

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Feature	Specification
PoE Power Supply	1/2(+), 3/6(-)
Power Source	Built-in Power Supply, Input: 100-240V AC, 50/60Hz
PoE Power Budget	48W
Power Consumption	<5W
Humidity	5%-95% , non-condensing
Operating Temperature	-10°C ~50°C
Storage Temperature	-40°C ~70°C
Color	Black
Dimensions	200mm x 118mm x 44mm (LxWxH)

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Qty - 04

8Ch. Network Video Recorder

Feature	Specification
Processor	Industrial-grade embedded processor
IP Camera Input	8 channel
Operating System	Embedded LINUX
RCA Input/ Output	1 Channel Input, 1 Channel Output, RCA
User Interface	Web/operating in local GUI
Video Output	1 VGA/1 HDMI simultaneous video output, maximum resolution 1080P
Compression	H.265/Smart H.264+/H.264
Encode Strategy	Instastream
Decoding Capability	1-ch@8MP(30FPS) or 1-ch@5MP(30FPS) or 2-ch@4MP(30FPS) or 2-ch@3MP(30FPS) or 4-ch@1080P(30FPS)8-ch@720P(30FPS)
Resolution	8MP/5MP/4MP/3MP/1080P/720P/D1/CIF
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding.
Video Display Split	1/4/8/9
Multi-channel Playback	Up to 8 Channel
Playback	Play, pause, stop, fast forward, fast backward, rewind, play by frame, Full screen, backup (cut/file), partially enlarge, audio on/off
Recording Mode	Priority of record mode: Manual recording, alarm recording, motion detection recording, timed recording
General Alarm	Motion detection, privacy masking, video loss, PIR alarm, IPC alarm
Anomaly Alarm	Front-end device going offline, storage error, full storage, IP conflict, MAC conflict, login lock, network security anomaly
Alarm Linkage	Video recording, snapshot, log, preset, tour
Hard Disk	1 SATA 2.0, up to 8TB Each
Smart Phone	iPhone, iPad, Android Phone
Backup Mode	USB Device



Feature	Specification
Storage	Local HDD & Network
Interface Ports	2 USB Ports (1 Rear USB 2.0 , 1 Front USB 2.0)
Ethernet	1 RJ-45 Port (10/100Mbps)
Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS, ONVIF (profile T/profile S/profile G), RTSP, CGI, SDK
Power Supply	DC12V, 1.5A
Power Consumption	<10W (Without HDD)
Operating Temperature	-10°C to 45°C (+34°F to +113°F)
Storage Temperature	0°C to 40°C (+32°F to +104°F)
Operating Humidity	10%~93%
Storage Humidity	30%~85%
Operating Altitude	3000m
Dimensions	260 mm×225 mm×47.6 mm (W × L × H)
Weight	0.81kg (without HDD)

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Qty - 08

4MP WDR IR Network Bullet Camera - 30Mtr.

Feature	Specification
Image Sensor	1/3" 4MP Progressive scan CMOS (0.84667cm)
Minimum Illumination	0.03Lux@F2.0
Effective Pixels	2688(H) x 1520(V)
Shutter Speed	Auto/Manual, 1/3~1/100000s
S/N Ratio	>56dB
RAM & ROM	128MB & 128MB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Lens	3.6mm (2.8mm Optional)
Lens Type	Fixed
Mount Type	M12
Max. Aperture	F2.0
Iris Type	Fixed aperture
Close Focus Distance	2.8mm- 0.8m ; 3.6mm- 1.4m
DORI Distance	3.6mm- 80m (Detect) 32m (Observe) 16m (Recognize) 8m (Identify) 2.8mm- 50m (Detect) 22.4m (Observe) 11.2m (Recognize) 15.1m (Identify)
Gain Control (AGC)	Auto/Manual
Video Compression	H.265+/H.265/H.264+/H.264/ H.264B/ MJPEG
Angle of View	3.6mm: Horizontal: 81° Vertical: 44° Diagonal: 95° 2.8mm: Horizontal:93° Vertical: 53° Diagonal: 111°
Back Light Compensation	BLC / HLC / WDR(120dB)
Video Streaming	Main Stream: 2688 × 1520 (1 fps~20 fps) 2560 × 1440 (1 fps~25/30 fps) Sub Stream: 704 × 576 (1 fps~20/25 fps) 704 × 480 (1 fps~20/30 fps)
Resolution	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Mirror	Yes

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Feature	Specification
Motion detection	Off / On (4 area, Rectangle)
Privacy Mask	4 Area
ICR	Auto (ICR)/Color/B/W
ROI	Yes (4 areas)
Noise Reduction	3D-DNR
Video Bit Rate	H.265: 12 Kbps–6144 Kbps H.264: 32 Kbps–6144 Kbps
Bit Rate	CBR/VBR
Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP, ONVIF (Profile S/Profile G); CGI; Milestone; Genetec; InstaOn
Smart Detection	N/A
Ethernet	RJ-45 (10/100Base-T)
Event Trigger	Motion detection, video tampering, network disconnection, IP conflict, illegal access, voltage detection
User Account	20 Users
Smart Phone	iPhone, iPad, Android Phone
IR	IR Range of 30 Mtr.
No of IR LEDs	1
Browser	IE, Chrome, Firefox
Edge Storage	FTP; NAS
Operating Temperature	-40°C~+55°C , Less than 95%RH
Power Source	DC12V,PoE (802.3af)
Power Consumption	<5.0W
Weatherproof Standard	IP67
Casing	Metal + Plastic
Dimension	166.2 mm × Ø70 mm (6.4" × Ø2.8")
Weight	0.22kg

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PASSIVE ITEM

S.N	Goods Description	Qty
1	FMS BOX LIU 24 PORT SC MS FULLY LAODED	4
2	MINI LIU BOX 4 PORT FULLY LOADED WITH PIGTAILS AND ADAPTORS	4
3	Gigabit SFP to RJ45 Fiber Media Converter Fiber to Ethernet Converter 10/100/1000Mbps RJ45 Port to 1000Base-LX Single-Mode Fiber (MC210CS)	8
4	LC-LC PATCH	16
5	OFC SPLICING WITH SLEEVES	32
6	CU RACK 4 U WITH POWER BOARD COM RACK LOADED	4
7	RJ 45 CONNECTOR (Pack)	1
8	Cat 6e CABLE Bundle standard	4
9	CONDUIT PIPE 25 MM 1"	As per consumption
10	CCTV CAMERA INSTALLATION CHARGES	One Time Installation

ANNEXURE- II
(FINANCIAL BID FORMAT)

S. No.	Item	Make/ Brand	Qty	Basic Rate per unit (in Rs.)	Total Amount (in Rs.)	GST	Total Amount inclusive of all (in Rs.)
1.	6 Ports Switch with 4 PoE Ports & 2 Uplink Ports		04				
2.	8Ch. Network Video Recorder		04				
3.	4MP WDR IR Network Bullet Camera – 30 Mtr		08				
4.	FMS Box LIU 24 Port SC MS Fully Loaded		04				
5.	Mini LIU Box 4 Port Fully Loaded with PigTails and Adaptors		04				
6.	Gigabit SFP to RJ45 Fiber Media Converter Fiber to Ethernet Converter 10/100/1000Mbps RJ45 Port 10 1000Base-LX Single-Mode Fiber (MC210CS)		08				
7.	LC-LC Patch		16				
8.	OFC Splicing with Sleeves		32				
9.	CU Rack 4 U with Power Board Com Rack Loaded		04				
10.	RJ 45 Connector (Pack)		01				
11.	Cat 6e Cable Bundle Standard		04				
12.	Conduit Pipe 25 MM 1"		As per consumption				
13.	CCTV Camera Installation charges		One Time				
	Total Amount (Rs): X						
	Total amount in words (Rs):						

