# Limited Tender Enquiry

# For

Supply, Installation and Commissioning of CCTV Camera Surveillance System

### At

Various Locations in Faculty of Science, MCC Campus,

University of Allahabad, Prayagraj

NIT No.: Re-UoA/PSD/CCTV/01/2023

NIT Issue Date: 28<sup>th</sup> November 2023

Last Date of Submission: 15<sup>th</sup> December 2023 upto 05.00 PM



University of Allahabad, Prayagraj

www.allduniv.ac.in,

www.eprocure.gov.in

#### UNIVERSITY OF ALLAHABAD

#### Limited Tender Enquiry (LTE)

Subject-: LTE for supply, installation and commissioning of CCTV Camera Surveillance System at Various locations in Faculty of Science, MCC Campus, University of Allahabad (UoA).

Dear Sir/Ma'am,

The University intends to purchase CCTV Camera Surveillance System with commissioning and installation at various locations in Faculty of Science, University of Allahabad. Kindly send your QUOTATIONs giving lowest rates per unit along with terms and conditions if any in Sealed Covered envelope addressed to Purchase Officer, Purchase & Stores Department, University of Allahabad, Prayagraj, (UP), Pin-211002. This has to reach to the office on or before 15th December, 2023 till 5.00 PM. The word "Quotation for supply, installation and commissioning of CCTV Camera Surveillance System in Faculty of Science, MCC Campus, UoA" with our reference no. of LTE and date of LTE must be clearly mentioned on the sealed envelope.

# <u>Location for installation of CCTV Camera Surveillance System at Faculty of Science ,MCC Campus, University</u> of Allahabad (UoA)

S.N.	Location	Number of CCTV Cameras Surveillance System
1)	Gate No. 4	1 (One)
2)	Gate No. 6	1 (One)
3)	In front of Viziyanagram Hall	1 (One)
4)	At the junction road of Math & Zoology Department	1 (One)
5)	At the junction road of Chemistry & Physics Department	1 (One)

Local control of CTV System should be one the room located in Vizianagram hall building. The entire CCTV setup should be integrated with University CCTV network. Integration of CCTV setup with University CCTV network will be responsibility of vendor.

#### GENERAL TERMS AND CONDITIONS FOR LIMITED TENDER ENQUIRY (LTE)

- 1. Mode of submission: Bid documents to be furnished by the bidder in 1 sealed envelope containing following 2 packets:
  - a. Technical bid (All documents other than price bid in sealed envelope).
  - b. Financial bid (Containing price bid in specified format in a sealed envelope)
- 2. While submitting the quotation following should invariably be mentioned:
  - a. Details of complete specification with model and manufacturer name and address should be given while quoting. Literature / Pamphlets should also be enclosed wherever applicable.
  - b. Lowest rate F.O.R. destination. Period of validity of quoted prices (Minimum Six Months).
- 3. If you are manufacturer of the items or if you have proprietary distribution/sales authorization, please mention it in the quotation.
- 4. For items of equipment nature, the Instruction Manual, Diagram of the circuit drawing, etc must be supplied along with supply without which the delivery shall be incomplete.
- 5. Vendor must enclose an authorization certificate of the company with tender document.
- 6. Please fill in and return the Suppliers Profile Form & Mandate Form annexed at Annexure 'A' and Annexure 'B'.
- 7. Non Transferable tender:



Neither the contract nor any rights granted under the contract may be sold, leased, sublet, assigned or otherwise transferred, in whole or in part, by the vendor and any such attempts shall be void and of no effect without the advance written consent of the University of Allahabad.

- 8. The rates quoted by the bidders must be inclusive of supply, installation, commissioning, transportation, insurance, training/support and warranty, taxes and duties.
- 9. Rates must clearly indicate all taxes and the discounts offered, if any.
- 10. An Earnest Money Deposit of Rs. 45,000/- (Rupees Forty Five Thousand only) in the form of Demand Draft /Bankers Cheque or Bank Gurantee drawn in favor of Finance Officer, University of Allahabad payable at Prayagraj shall be submitted along with the Technical bid. Agency/Firm/Company registered with NSIC/MSME will be given benefit as per rules.
  - Note 1: EMD will not accrue any interest.
  - Note 2: The EMD shall be returned to the unsuccessful bidders after the Notification of Award of Tender.
  - Note 3: The bids not accompanied with earnest money shall be summarily rejected.
- 11. The tenderer should also mention the validity period of quotation.
- 12. No advance payment or payment against performa invoice will be made to the successful bidder.
- 13. All the pages of the bid document being submitted must be signed and sequentially numbered by the bidder. Unsolicited / conditional / unsigned tenders shall not be considered.
- 14. IT, TT and GST would be recovered as per rules.
- 15. Special Terms & Conditions are also attached.
- 16. All the above instructions along with STC must be complied, failing which your offer may be liable for rejection.
- 17. All suits shall be in the courts of Allahabad Jurisdiction only.
- 18. Terms & conditions of purchase as per University rules shall be applicable.
- 19. Tender should be addressed to the "Purchase Officer, Purchase & Stores Department, University of Allahabad, Prayagraj- 211002 (U.P.)". Quotations will be received only through Speed Post/Register Post in Purchase & Stores Department, UoA. Quotations received other than Purchase Office and after the due date and time shall not be considered.
- 20. If required number of quotations will not be received by the last date of the LTE, the date may be extended as per rule.

### SPECIAL TERMS & CONDITIONS (STC)

- 1. Bidder must quote as per technical specification.
- 2. Supply and installation shall be completed in 30 days of receipt of purchase order at the University Campus. The offered delivery period shall have to be strictly adhered to incase an order is placed.
- 3. **Schedule for completion of task** after issue of Purchase order will be as follows which has to be strictly adhered by the successful bidder:
  - a. Supply and installation of CCTV Camera Surveillance System 30 days
  - b. Testing and acceptance of the system 15 days
- 4. Inspection and Acceptance:
  - a. System will be considered as installed and accepted only after successful uninterrupted operation of the entire system at the site for period of minimum 15 days.
  - b. Payment will be made only after Installation, inspection and testing of surveillance system.
- 5. Operational services will be provided free of cost up to warranty period. Charges after warranty period may be quoted.
- 6. Tender conditions, if any, or otherwise sent with the quotation shall not be binding on us.
- 7. The acceptance of the quotation will rest with the competent authority of Allahabad University, who does not bind himself to accept the lowest quotation and reserves the right



to himself to reject, or partially accept any or all the quotation without assigning any reasons.

- 8. Successful bidder shall furnish an unconditional PBG / SD valid till 60 days after the warranty period from any nationalized / scheduled bank for 10% of the total amount.
- 9. **Liquidated damages** rate for delay in delivery is 0.5% per week & max. 10% of the total amount.
- 10. **Scope of supply** (bid price includes all cost components):
  - a. Supply, installation, testing and commissioning of goods with 2 year standard warranty at University of Allahabad, Prayagraj.
  - b. Warranty for a period of two years for the entire system which includes rectification/replacement of defective components and preventive maintenance like clearing of sensors, cameras, checking of software functioning, critical components, etc are covered under the scope of vendor.
  - c. Any application software as required for completion of the project is covered under the scope of vendor.
  - d. For Software which is used in the system for a period of not less than 1 year must have genuine license key and software backup system, to restore the data for a period not less than year, if the system crashes due to any reason.
- 11. Equipment supplied shall be warranted against any manufacturing defects, poor workman ship, defective material and quality design. Their performance shall also be warranted. Warranty period shall be 2 years from the date of commission. If any equipment is found defective regarding design construction or performance, the same shall be replaced free of cost. The to and fro freight charges shall be borne by the vendor during warranty period.
- 12. The vendor should also supply or demonstration/training if required regarding the operational procedure of the system.
- 13. The vendor should clearly indicate the availability of services and maintenance facilities at Prayagraj for the items quoted to ensure onsite service support within 24 hours.
- 14. Tenderer must have experience of CCTV sale with installation in last 3 years in any PSU/Central/ State / Central or State Funded organization.(Proof of experience must be enclosed with the quotation).
- 15. The tenderer should clearly indicate any deviation in schedule completion of task.

Purchase Officer

E-mail. purchasecell.uoa@gmail.com

# **Technical Bid**

Technical specifications mentioned below are minimum. Any better specification will also be accepted.

Sr. No.	Item Name	Specification	Compli ance (Yes/ No)	Deviation (if any)
01	Optical Fiber Cable 4 Core MTR	Optical Fibre Cable 1500 Mtr.		
02	16-ch 1U 4K NVR	<ul> <li>Up to 16-ch IP camera inputs</li> <li>H.265+/H.265/H.264+/H.264 video formats</li> <li>Up to 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity</li> <li>1 HDMI and 1 VGA interfaces, both interfaces support independent video output</li> <li>2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)</li> <li>Up to 160 Mbps incoming bandwidth</li> <li>Video And Audio</li> <li>IP Video Input16-ch</li> <li>Incoming Bandwidth160 Mbps</li> <li>Outgoing Bandwidth160 Mbps</li> <li>Outgoing Bandwidth160 Mbps</li> <li>HDMI Output4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz</li> <li>VGA Output1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz</li> <li>Video Output ModeHDMI/VGA independent output</li> <li>Audio Input1-ch, RCA (2.0 Vp-p, 1 KΩ)</li> <li>Audio Output1-ch, RCA (2.0 Vp-p, 1kΩ, using the audio input)</li> <li>Decoding</li> <li>Decoding</li> <li>Decoding Resolution12 MP/8 MP/6 MP/5 MP/4 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF</li> <li>Synchronous Playback16-ch</li> <li>Decoding Capability1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)</li> <li>Stream Type Video, Video &amp; Audio</li> <li>Audio CompressionG.711ulaw/G.711alaw/G.722/G.72 6</li> </ul>		
		<ul><li>Network</li><li>Remote Connection128-ch</li></ul>		



				Ch.
		DNS, DDNS, NTP, SNMP, NFS, iSCSI, HTTPS	/IP, DHCP, IPv4, IPv6, RTSP, SADP, SMTP, ISUP, UPnP™, HTTP, IJ-45 10/100/1000 Mbps nterface	
		<ul> <li>Auxiliary Interface</li> <li>SATA2 SATA interface</li> <li>CapacityUp to 10 TB c</li> <li>USB InterfaceFront papanel: 1 × USB 2.0</li> <li>Alarm In/Out4/1</li> </ul>		
		131 °F) • Working Humidity10 to	vithout HDD) 10 °C to 55 °C (14 °F to	
		(15.2" × 12.4" × 2.0")  • Weight≤ 1 kg (without  • Certification  • FCCPart 15 Subpart B,	HDD, 2.2 lb.)  ANSI C63.4-2014 N 61000-3-2, EN 61000-	
)3	HDD 8TB Surveillance Hard Disk	Hard Disk Interface	8 TB Serial ATA SATA	
		Brand	Seagate	
			3.5 Inches	
		Hard Disk Description	Mechanical Hard Disk	
		Compatible Devices	Camera	
		Installation Type	Internal Hard Drive	
		Hard Disk Size	8 TB	
		Hard Disk Rotational Speed	7200 RPM	
)4	PTZ Camera 2 MP	Focuses on human classification based on	Ü	
		<ul><li>1/2.8" progressive scan</li><li>High quality imaging w</li><li>Excellent low-light per</li></ul>		
		<ul><li>by-Dark Fighter techno</li><li>25× optical zoom and close up views over exp</li></ul>	16× digital zoom provide	;
		Expansive night view distance	with up to 100 m IR	



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1		Support H.265+/H.265 video compression	
05	PTZ Camera	Weight 3.2 kg/7 lbs	
2000	Stand	Capacity 20 kg/44 lbs	
		Minimum Height 89 cm/35"	
		Maximum Height 205 cm/81"	
		Material Aluminum	
		Number of stages 3	
06	Junction Box	Trainer of stages s	
	Full Pack		
07	Pole	Height of pole must be sufficient to cover its	Ť
0 /	1010	surroundings.	
08	Switch Gigabi	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port, 1	
	t 8+1+1 Port	× Gigabit SFP fiber optical port	
	PoE	IEEE 802.3at/af standard	
		• IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE	
		802.3ab, and IEEE 802.3z standard	
		6 KV surge protection for PoE ports	
		PoE power management	
		Gigabit network access	
		Wire-speed forwarding and non-blocking design	
		Store-and-forward switching	
		Solid high-strength metal shell	
		Reliable fan-free design	
		8 × Gigabit PoE ports, 1 × Gigabit RJ45 port,	
		and 1 × Gigabit fiber optical port	
		Port TypeRJ45 port, full duplex, MDI/MDI-X	
		adaptive	
		Standard IEEE 802.3, IEEE 802.3u, IEEE	
		802.3x, IEEE 802.3ab, IEEE 802.3z	
		Forwarding Mode Store-and-forward switching	
		MAC Address Table4 K	
		Switching Capacity20 Gbps	
		Packet Forwarding Rate14.88 Mpps	
		Internal Cache 1.5 Mbits	
		PoE Power Supply	
		PoE Standard IEEE 802.3af, IEEE 802.3at	
		• PoE Power Pin End-span: 1/2(-), 3/6(+)	
		PoE Port Ports 1 to 8	
		Max. Port Power30 W	
		PoE Power Budget58 W	
		General	
		• Dimensions (W × H × D)217.6 mm × 27.8 mm	
		× 108.55 mm (8.6" × 1.1" × 4.3")	
		Shell Metal material, fan-free design	
		• Gross Weight1.37 kg (3.01 lb)	
		• Net Weight0.64 kg (1.40 lb)	
		• Operating Temperature–10 °C to 55 °C (14 °F)	
		to 131 °F)	
		• Operating Humidity5% to 95% (no	
		condensation)	
		• Storage Temperature–40 °C to 85 °C (–40 °F to 185 °F)	
		• Storage Humidity5% to 95% (no condensation)	
		Power Supply48 VDC, 1.35 A	
		Power Consumption In Idle7 W	
		Max. Power Consumption 65 W	
		Approval	
		Tipprovai	



		<ul> <li>EMCFCC (ANSI C63.4, 47 CFR PART 15B); CE-EMC/RCM (EN 55032: 2015+A11:2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020); IC (ICES-003: Issue 9)</li> <li>Safety UL (UL 62368-1); CB(IEC 62368-1:2014); CE-LVD (EN 62368-1:2014+A11:2019)</li> <li>Chemistry CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2008)</li> </ul>	1
09	Patch Cord 5 Mtr.	<ul> <li>Deliver fast and reliable data transfers safely over high end networking equipment</li> <li>10Gb Fiber Cable / 5 m Fiber Optic Patch Cable / OM3 Fiber Cable / 5 meter Duplex Fiber Cable / LC to LC / Multimode 50/125 Patch Cable / 5m Aqua Fiber Cable</li> <li>OM3 (50/125) 2000MHz</li> <li>Laser-optimized multimode fiber</li> <li>Suitable for installations under restrictive building codes with LSZH rating</li> </ul>	
10	Patch Cord 1 Mtr.	1 Meter (3.28ft)  Brand FiberCablesDirect  Connector Type Simplex LC to LC  Cable Type Fibre Optic  Compatible Smartphone Device LIV Resistant	
1.1	Eller Detal	Special Feature UV Resistant	
11 12	Fibre Patch Rack 6U, Out door	<ul> <li>(6U Combo) Compare Product Dimensions with Your Need Before Purchase) Made From High Quality Metal &amp; 6 Way Processed Powder Coating for Long Lasting and Corrosion and Rust Proof. Pleasant viewing &amp; Space saving.</li> <li>Comes With 6 Power Socket Cable, 1 Cooling Fan, 1 Tray, Lock &amp; Keys, Fan Mounting provisions &amp; Reversible Brackets.</li> <li>Top and bottom cable entry provides optimal flexibility for cable management. Compatible with 19" International Standards.</li> <li>Suitable for all type of DVR Box &amp; Double DVR / Network Switch / Server Rack with Lock &amp; Key. Useful at Home, Office, Bank, ATM, Shops &amp; Hotel Room etc. Prompt &amp; Easy Installation.</li> </ul>	
	PDU 6 Way	<ul> <li>Product Name: Designated Power Distribution Unit for Cabinet</li> <li>Specification Model: IBPDU2220B1- 06AHBNMB-2M</li> <li>Rating voltage: 250VAC 50/60Hz</li> <li>Rating Current: 13A</li> <li>Max. Current</li> <li>Max. Power: 3250W</li> </ul>	



1/	-		<u> </u>		
N		<ul> <li>Safety Auther</li> </ul>	ntication: CE		
/		<ul> <li>Logo</li> </ul>			
		<ul> <li>Producer</li> </ul>			
14	Media Conver	General			
	ter 10/100/100	Type Unman	aged		
	0 MBPS	Model S-SMS	F-FE Fiber		
		Media	Converter to Single Port Ethernet		
		10/100	Mbps in Pair (Transmitter and		
		Receive	er) Network Switch		
		In The 1 Trans	mitter, 1 Receiver	Ä	
		Box			
		Color Black			
		Brand SECUR	EYE		
		Network Ports		-	
			f   5		
		Ethernet ports			
		Speed	100 Mbps		
		Warranty	1		
			Company Service Station		
			EXCEPT BURNING AND		
		Carlotte and the second	PHYSICAL DAMAGE REST		
			EVERYTHING		
			BURNING AND PHYSICAL		
			DAMAGE		
		Warranty	1 Year		
		Summary	1 Teal		
15	3 Core Wire 1	Summar y			
13	.5 mm in Mtr.	Colour	Black		
	.5 IIIII III IVIU'.				
		Brand	Finolex		
		Number of	Multi Strand		
		Cable			
		Strands			
		Brand: Finole	X		
		1.5Mm 3 Cor			
		100M Flexibl	e Wire		
16	UPS 650 VA	Brand: Lumir	ous. Recharge Time: 8h		
			et Weight: not exceeding 7kg		
			sumption in Inverter Mode: 220V		
			cation for Inverter on, mains on,		
		low battery ar	nd on mains normal		
		• Battery: 12V,	7Ah.Dimensions: 95 x 146 x 313		
		mm			
17	Cable Laying				
	in MTR				

Signature with Seal of the Firm



# Financial Bid as per technical specification along with 2 year warranty

Sr. No.	Item Name	Qty	Rate per Unit	Tax Percentage (%)	Total Cost (inclusive of taxes)
01	Optical Fiber Cable 4 Cor e MTR	1500 mtr			
02	16-ch 1U 4K NVR HikVision	1 nos			¥
03	HDD 8TB,	2 nos			
04	PTZ Camera 2MP HikVisi on	5 nos			
05	PTZ Camera Stand	5 nos			
06	Junction Box Full Pack	5 nos			
07	Pole	5 nos			
08	Switch Gigabit 8+1+1 Po rt PoE HikVision	5 nos	,		
09	Patch Cord 5 Mtr.	5 nos			
10	Patch Cord 1Mtr.	6 nos			
11	Fibre Patch	5 nos			
12	Rack 6U, Outdoor	5 nos			
13	PDU 6 Way	5 nos			
14	Media Converter 10/100 /1000 MBPS Make Secur eye IN SET	5 nos			
15	3 Core Wire 1.5 mm in Mtr.	1500 mtr			
16	UPS 650 VA	6 nos			
17	Cable Laying in MTR	1500 mtr			



Signature with Seal of the Firm

### UNIVERSITY OF ALLAHABAD

(A Central University)

### **Supplier Profile Form**

1.	Firm's Name	:		
2.	GST No.	:		
3.	Owner's Name	:		¥
4.	Aadhar No. of Owner			
5.	Full Postal Address	: 1. (Head Office) _		
			PIN	
			PIN	
6.	E-mail address :			
7.	Website address :			
7.	Contact Person's Name:			
8.	Contact No.	: Phone No.	Mobile No	
		: E-mail:		
		: City:	State:	
9.	PAN NO.			
10.	Shop and Establishment A	Act Registration No:		
11.	Manufacturer or Supplier			
	(In case of supplier please	e enclose authorization	on of your Principal)	
12.	EMD Details: .			
	a. Amount (in R	s.) -:		
	b. DD/BG no. ar	nd Date -:		
	c. Drawn on Bar	nk -:		
	d. Valid up to (d	ate)-:		

13. Work Experience of past 3 years in PSU/Central/State/ Central or State Funded organization

S.N.	Year of work	Name of the organization	Tender Amount (in Rs.)	Experience Certificate Attached (document no.)
	2022			
	2021			
	2020			

Note: (i) Supplier must print GST No. on their Letter Head / Bill / Quotations

(ii) Enclose Xerox copy of the required documents (GST, PAN, work experience, etc)

### **Mandate Form for Payment-2019**

### Public Fund Management System(PFMS) Facility for receiving Payments

Details	of	Account	Holder/Firm:
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1.	Firm/Contractor/Agency	9
2.	Name of Account Holder	
3.	Complete Contact Address	
4.	Telephone Number	
5.	E-mail	

### Bank Accounts Details:

Date:

Name of the Bank viz. SBI/PNB	
Branch Name with Complete Address	
Telephone Number and E-mail of Bank Branch	
Whether the Branch is computerized?	
Whether the Branch is RTGS enabled? If yes, then what is the Branch's IFSC Code?	
Is the Branch also NEFT enabled	
Type of Bank Account (SB/Current/Cash Credit)	
MICR Code of Bank	
Complete Bank Account Number	
Repeat Bank Account Number	
	Branch Name with Complete Address  Telephone Number and E-mail of Bank Branch  Whether the Branch is computerized?  Whether the Branch is RTGS enabled? If yes, then what is the Branch's IFSC Code?  Is the Branch also NEFT enabled  Type of Bank Account (SB/Current/Cash Credit)  MICR Code of Bank  Complete Bank Account Number

I hereby certify that all the details ment	ioned above are true to my know	ledge and belief.
Bank Stamp	Signature of Branch Manager	
	Name	
	Mobile No	
	E-mail	

Signature of Customer