

Supply, Installation and Commissioning of CCTV Setup at HNLU



**Hidayatullah National Law University,
Nava Raipur, Atal Nagar -492002, (Chhattisgarh)**

www.hnlu.ac.in

Online bids are invited under two-bid system from reputed and experienced agencies on behalf of the Registrar, Hidayatullah National Law University, Nava Raipur, for “**Supply, Installation and Commissioning of CCTV Setup at HNLU**” as per following schedule.

Notice Inviting Tender (NIT) No & date	HNLU/Goods/IT/2022-23/01 Date:
Place of Work	Hidayatullah National Law University, Nava Raipur, Atal Nagar-492002 (C.G.)
Pre- Bid Meeting and Site Inspection	18 May 2022, 1100 hrs.
Bid Submission Start Date	23 May 2022, 1200 hrs.
Last date of Submission of Bids	31 May 2022, 1500 hrs
Date of Opening of Technical Bids	31 May 2022, 1500 hrs.
Tender Fee	Rs.500/- (Non refundable)
EMD	Rs.: 65,000/- (Refundable) To deposit the Tender Fee/ EMD, bidder should visit URL: https://www.tenderwizard.com/HNLURAIPUR . Click Check Box to proceed for payment. Step2.Fill all Details and Submit (The online payment receipt should be submitted in the Technical e-bid)
Tender Processing Fees	As applicable online
Contact information (Tender Inviting Authority)	Stores and Purchase Officer Hidayatullah National Law University, Nava Raipur, Atal Nagar -492002, (Chhattisgarh) Contact No. 7587017924 Email: purchase@hnlu.ac.in For Technical Queries: it@hnlu.ac.in

In the event of last date being declared as a holiday / closed day, the bids will be opened on the next working day at the appointed time. Manual bids shall not be entertained. Copy of bid document is available in TENDERWIZARD Portal

Supply, Installation and Commissioning of CCTV Setup at HNLU

(URL:<https://www.tenderwizard.com/HNLURAIPUR> and University website i.e. www.hnlu.ac.in. Instructions regarding submission of online bids are available at URL:<https://www.tenderwizard.com/HNLURAIPUR>. Please keep visiting our website for any corrigendum/ amendments and submit the bid documents accordingly.

LIST OF DOCUMENTS TO BE UPLOADED IN TENDER WIZARD

1. Bidder should take into account notifications, corrigendum published, if any on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Any deviations from these may lead to rejection of the bid.
3. The two-bid system will be followed for this tender. In this system, online offer should be submitted under **TWO-BID** System in two separate e-packets i.e. **“Technical eBid”** and **“Commercial eBid”**.

Online Envelope No. 1: "Technical Bid" shall contain (Pdf format only)

1. EMD is exempted for Micro and Small Enterprises (MSE) as defined in MSE Procurement Policy issued by the Department of Micro, Small and Medium Enterprises (MSME) / NSIC and Start-ups as recognised by Department of Industrial Policy & Promotion (DIPP), Ministry of Commerce and Industry.
A scanned copy of Authorization letter with proper seal and signature of the authorised person (with name, designation, email id & contact no.), as per the format attached at Annexure – C.
2. A scanned copy of Certificate of Incorporation, Partnership Deed/ Memorandum and Articles of Association/ any other equivalent document showing date and place of incorporation, as applicable.
3. A scanned copy of the commercial bid without prices (prices blocked) and copy of commercial terms & conditions (in details) as included in the commercial bid. HNLU reserves the right to reject the bid in case of discrepancy observed in the un-priced commercial bid and the actual commercial bid.
4. The detailed technical specification, make, model, part number & compliance of each item offered supported by the printed catalogue/ leaflet published by the Principal Manufacturer.
5. Undertaking to the effect that a Performance Guarantee of 3% of the order value will be submitted in case HNLU decides to place the Purchase Order.
6. Undertaking to the effect that the terms and conditions, clauses etc. stipulated in this tender are acceptable.
7. Other documents necessary in support of eligibility criteria (as per Section-II - Instructions to Bidders-ITB), product catalogues, brochures etc.

HNLU reserves the right to reject the bid if any of the above listed document/s is not submitted.

Supply, Installation and Commissioning of CCTV Setup at HNLU

Online Envelope 2: “Commercial Bid” shall contain

1. The Commercial Bid should be filled properly in the .xls uploaded in tender wizard.
2. In case the bidder requires any clarifications/ information, they may write to purchase@hnl.u.ac.in.
3. Commercial bids of the technically qualified bidders only will be opened online.
4. Commercial bids must be offered in the format attached.
5. The applicable exact rates of Taxes will be added as per the format attached.
6. In case of any mistake or error in calculations or any discrepancy in price quoted in words and figures, the LOWEST amount will be considered for comparison. If this lowest price is not acceptable to the bidder, their bid will be rejected. In this case, HNLU reserves the right to forfeit their EMD.

Supply, Installation and Commissioning of CCTV Setup at HNLU

SECTION-I: INSTRUCTIONS TO BIDDERS (ITB)

1. Locations for the Supply and Installation & Warranty Services. The entire products as described in Schedule of Requirements at Section - IV must be supplied, installed & supported at Hidayatullah National Law University. A
2. All the items covered in the Schedule of Requirements at Section – IV must be commissioned within one month from the date of placement of work/ purchase order.
3. **Amendment to Bidding Documents**
 - 1) At any time prior to the deadline for submission of bids, HNLU may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.
 - 2) The amendments to the tender documents, if any, will be notified by release of Corrigendum. Notice on the institute website against this tender. The amendments/ modifications will be binding on the bidders.
 - 3) HNLU at its discretion may extend the deadline for the submission of bids if it thinks necessary to do so or if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into consideration the amendments while preparing their bids.
4. **Preparation of Bids**

Bidder should submit the document as PDF file online.
5. **Forfeiture of EMD**
 - 1) In case of the bidder whose offer is accepted, the EMD will be returned on submission of Security Deposit. However, if the return of EMD is delayed for any reason, no interest/ penalty shall be payable to the bidder.
 - 2) The successful bidder, on award of contract/ order, must send the contract/ order acceptance in writing, within 15 days of award of contract/ order, failing which the EMD will be forfeited and the order will be cancelled.
 - 3) If the bidder withdraws the bid during the period of bid validity specified in the tender.
6. **Period of validity of bids**
 - 1) Bids shall be valid for minimum 90 days from the date of submission. A bid valid for a shorter period shall stand rejected.
 - 2) HNLU may ask for the bidder's consent to extend the period of validity. Such request and the response shall be made in writing only. The bidder is free not to accept such requests without forfeiting the EMD/ BG. A bidder agreeing to the request for extension will not be permitted to modify his bid.
7. **Deadline for Submission of Bids – online only**
 - 1) The Bid documents shall be neatly arranged. They should not contain any terms and conditions, printed or otherwise, which are not applicable to the Bid. The conditional bid will be summarily rejected.
 - 2) Bids must be received by HNLU before the due date and time at the address specified in the tender document.
 - 3) HNLU may extend this deadline for submission of bids by amending the bid documents and the same shall be suitably notified on its website.

Supply, Installation and Commissioning of CCTV Setup at HNLU

- 4) HNLU shall not be responsible and liable for the delay in receiving the bid for whatsoever reason.

8. Bid Opening & Evaluation of Bids

- 1) The technical bids will be evaluated in two steps.
 - a.) The bids of eligibility bidders only will be evaluable based on eligibility criteria mentioned in Section II of the tender documents.
 - b.) The technical bids of only the shortlisted eligible bidders shall be evaluated based on technical specifications stipulated at Section – III
- 2) The bidders whose technical bid is found to meet both the requirements as specified above will qualify for opening of the commercial bid.
- 3) The duly constituted Tender Evaluation Committee (TEC) shall evaluate the bids. The TEC shall be empowered to take appropriate decisions on minor deviations, if any.
- 4) The bidder's name, bid prices, discounts and such other details considered as appropriate by HNLU, will be announced at the time of opening of the commercial bids.

9. Comparison of Bids

- 1) Only the short-listed bids from the technical evaluation shall be considered for commercial comparison.
- 2) The bids shall be evaluated on the basis of total price quoted in the Commercial bid.
- 3) The bids shall be evaluated on the basis of the total prices including all taxes and duties as per the details mentioned in section I (10.2).
- 4) Quotes for AMC of the items are not part of the evaluation.

10. Purchase Order

- 1) HNLU will issue purchase order to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated commercial bid. based on the Grand Total calculated of all items as mentioned in section V + taxes of the Commercial Bids. However, HNLU reserves the right and has sole discretion to reject the lowest evaluated bid.
- 2) If more than one bidder happens to quote the same lowest price, HNLU reserves the right to decide the criteria and further process for awarding the contract, decision of HNLU shall be final for awarding the contract.

11. Purchaser's Right to amend / cancel

1. HNLU reserves the right to amend the eligibility criteria, commercial terms & conditions, Scope of Supply, technical specifications etc.
2. The University reserves the right to increase or decrease the quantity of the item(s) as per requirement/.
3. HNLU reserves the right to cancel the entire tender without assigning any reasons thereof.
4. HNLU reserves the right to place part orders.

Supply, Installation and Commissioning of CCTV Setup at HNLU

12. Corrupt or Fraudulent Practices

1. It is expected that the bidders who wish to bid for this project have the highest standards of ethics.
2. HNLU will reject bid if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.
3. HNLU may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the award / execution of contract.

13. Interpretation of the clauses in the Tender Document / Contract Document

In case of any ambiguity/ dispute in the interpretation of any of the clauses in this Tender Document, the interpretation of the clauses by Hon'ble Vice Chancellor, HNLU shall be final and binding on all parties.

(END OF SECTION I)

Supply, Installation and Commissioning of CCTV Setup at HNLU

SECTION-II: ELIGIBILITY AND QUALIFICATION CRITERIA

1. The bidder must have valid OEM Authorization for the said tender.
2. The bidder must have 3 years' experience in supplying the similar items in any other Central/ State Government educational institutes/ organizations. The documentary proof to be submitted along with all contact details of users.
3. OEM should have registered hardware spare depots in India covering major cities.
4. OEM should have a presence in India at least from last 05 years.
5. A certificate (Affidavit) to be signed by MD / CEO of the company that they haven't been debarred or blacklisted for any services, supplies or products dealing in, by any organizations or educational Institute/ University or state/ central government and no criminal case/legal proceeding or industrial dispute is pending or contemplated against them.
6. Committee also reserves the right to modify the stipulated eligibility criteria at any time during the tenure of procurement.
7. The committee reserves the right to reject the technical bid if any of the above condition is not satisfied.
8. If in the view of bidder, any exemption/ relaxation is applicable to them from any of the eligibility requirements, under any Rules/ process/ Guidelines/ Directives of Government of India, bidder may submit their claim for the applicable exemption/ relaxation, quoting the valid Rule/ process/ Guidelines/ Directives. In this case the bidder must submit necessary and sufficient documents along with the technical bid, in support of his claim. The applicability of exemptions and /or validity of documents submitted by the bidders will be evaluated by the bid evaluation committee during technical evaluation of bids.

Note: *The bidders should provide sufficient documentary evidence to support the eligibility Criteria. HNLU reserves the right to reject any bid not fulfilling the eligibility criteria.*

(END OF SECTION II)

Supply, Installation and Commissioning of CCTV Setup at HNLU

SECTION-III: GENERAL CONDITIONS OF CONTRACT (GCC)

1. Prices

- 1) Prices should be quoted only in FOR Basis and should be inclusive of all taxes and duties.
- 2) The statutory taxes and duties applicable at the time of supply of material shall be applicable and will be reimbursed on submission of requisite documents/ proofs as the relevant Government Notification.
- 3) In case due to any error/ oversight, the GST quoted by the bidder is less than the actual rate as per tariff, the bidder will not be permitted to rectify the error/oversight. The orders/ contract will be placed for the total amount including the (lower) rate/s quoted by the bidder, with reduced basic amount to the extent of difference in tax/duty amount, so that the total amount (basic + actual rate as per tariff), remains same(quoted basic + quoted rate). The difference amount payable, if any, between the quoted rate and actual rate as per tariff (without exemption) shall be borne by the bidder. The exemption certificate, if applicable, will be issued for the reduced basic amount only

2. Performance Bank Guarantee (PBG)

The successful bidder has to submit performance security for an amount of 3% of the order value in the form of BG from any nationalized bank within 14 (Fourteen) days from the date of award of contract and should be valid for 60 days beyond the date of completion of all contractual obligation including warranty obligation. And it will be returned after 60 days beyond the warranty period.

3. Completeness Responsibility

Notwithstanding the scope of work, engineering, supply and services stated in bid document, any equipment or material, engineering or technical services which might not be even specifically mentioned under the scope of supply of the bidder and which are not expressly excluded there from but which – in view of the bidder - are necessary for the performance of the equipment in accordance with the specifications are treated to be included in the bid and has to be performed by bidder. The items which are over & above the scope of supply specified in the Schedule of Requirements may be marked as “Optional Items”.

4. Warranty

All the equipment's and components supplied must have 2 (Two) year warranty covering all parts & labour starting from the date after the successful installation, during the warranty period. The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract. The supplier further warrants that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or commission of the supplier. The warranty should be comprehensive on site, repair/replacement basis free of cost. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary within 48

Supply, Installation and Commissioning of CCTV Setup at HNLU

hrs.. Goods requiring warranty replacements must be replaced on a free of cost basis. Collecting of faulty Hardware from onsite and provisioning the replacement of Hardware under warranty at onsite shall be the responsibility of the supplier. HNLU reserves the right to invoke the Performance Bank Guarantee submitted by bidder, in case a) Supplied equipment & Software components fail to achieve the performance as stipulated in this document and / or b) The bidder fails to provide the warranty and other services in scheduled time frame, as stipulated in this document, penalty clauses mentioned under point 9 of this tender shall be applicable.

5. Payment

INR Payment by NEFT – 100% against delivery, Installation, commissioning, acceptance by HNLU.

AMC: Payment shall be made on quarterly basis upon satisfactory service report.

6. Delivery Location

Hidayatullah National Law University,
Nava Raipur,
Atal Nagar -492002, (Chhattisgarh)

7. Liquidated Damage

HNLU reserves the right to levy penalty @ of 0.5 % of order value per week of delay in supply and /or installation, beyond the schedule as mentioned in this tender document subject to maximum of 10% of the order value. HNLU reserves the right to cancel the order in case the delay is more than 06 weeks. The delay in delivery and/or installation not attributed to supplier viz. delay in site preparation, delay in submission of required documents etc. and the conditions arising out of Force Majeure will not be considered for the purpose of calculating penalties.

8. Force Majeure

HNLU may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the contract is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states / state agencies, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises or any other act beyond control of the bidder.

9. Arbitration

All disputes/claims of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc. under this Contract, shall be referred by either party (HNLU or the bidder) after issuance of 30 days' notice in writing to the other party clearly mentioning the nature of dispute to the Sole Arbitrator appointed by HNLU. The venue for arbitration shall be specified in the purchase order/agreement. The arbitration proceedings shall be conducted in English and as per the provisions of Indian Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

Supply, Installation and Commissioning of CCTV Setup at HNLU

10. Jurisdiction

The disputes, legal matters, court matters, if any shall be subject to Raipur jurisdiction only.

11. Indemnity

Selected bidder shall save, indemnify and hold harmless HNLU from any third-party Govt. Claims, losses penalties, if any, arising in connection with this Contract

12. Assignment

Selected bidder/ Party shall not assign, delegate or otherwise deal with any of its rights or obligations under this Contract without prior written permission of HNLU.

13. Severability

If any provision of this Contract is determined to be invalid or unenforceable, it will be deemed to be modified to the minimum extent necessary to be valid and enforceable. If it cannot be so modified, it will be deleted and the deletion will not affect the validity or enforceability of any other provision.

14. Unloading

The bidder should ensure to unload all the materials (equipment and other related accessories etc) to the installation site at HNLU. Unloading of the goods at HNLU is the responsibility of the bidder. No manpower will be provided by HNLU.

Supply, Installation and Commissioning of CCTV Setup at HNLU

SECTION IV

Schedule of Requirement

1. 3 MP Network Dome Camera , IR 30 Mtr

3 MP Network Dome Camera , IR 30 Mtr			
Sr. No	Parameters	Technical Specifications	Technically Complied (Yes/No) If No then specify the reason/deviation
	Camera		
1	Image Sensor	1/2.7" 2Megapixel progressive CMOS	
2	Effective Pixels	2304 (H) × 1296 (V)	
3	Scanning System	Progressive	
4	Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s	
5	Min. Illumination	0.01 Lux @F2.0	
6	IR Distance	30 m (98.4 ft)	
	Lens		
7	Lens Type	Fixed	
8	Focal Length	2.8 mm, 3.6 mm	
	Video		
9	Video Compression	H.265; H.264; H.264H; H.264B; MJPEG	
10	Video Frame Rate	Main Stream: 2304 × 1296 (1 fps–20 fps),1920 × 1080 (1 fps–25/30 fps)Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)	
11	Stream Capability	2 streams	
12	Resolution	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)	
13	Bit Rate Control	CBR/VBR	
14	Day/Night	Auto(ICR)/Color/B/W	
15	BLC	Yes	
16	HLC	Yes	
17	WDR	DWDR	
18	White Balance	Auto/natural/street lamp/outdoor/manual/regional custom	
19	Noise Reduction	3D DNR	
20	Motion Detection	OFF/ON (4 areas, rectangular)	
21	Region of Interest(RoI)	Yes	
22	Smart IR	Yes	
23	Mirror	Yes	
24	Privacy Masking	Yes	
	Network		
25	Network	RJ-45 (10/100 Base-T)	
26	Protocol	IPv4; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast	
27	Interoperability	ONVIF (Profile S); CGI; P2P; Genetec	

Supply, Installation and Commissioning of CCTV Setup at HNLU

28	User/Host	6	
29	Edge Storage	FTP	
30	Power		
31	Power Supply	12V DC/PoE (802.3af)	
	Environment		
32	Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95%	
33	Storage Temperature	-40°C to +60°C (-40°F to +140°F)	
34	Ingress Protection	IP67	
35	Casing	Metal + plastic	
36	Offered Make and Model		

2. 3 MP Network Bullet Camera , IR 30 Mtr

3 MP Network Bullet Camera , IR 30 Mtr			
Sr. No	Parameters	Technical Specifications	Technically Complied (Yes/No) If No then specify the reason/deviation
	Camera		
1	Image Sensor	1/2.7" 2Megapixel progressive CMOS	
2	Effective Pixels	2304 (H) × 1296 (V)	
3	Scanning System	Progressive	
4	Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s	
5	Min. Illumination	0.01 Lux @F2.0	
6	IR Distance	30 m (98.4 ft)	
	Lens		
7	Lens Type	Fixed	
8	Focal Length	2.8 mm, 3.6 mm	
	Video		
9	Video Compression	H.265; H.264; H.264H; H.264B; MJPEG	
	Smart Codec	Yes	
10	Video Frame Rate	Main Stream: 2304 × 1296 (1 fps–20 fps), 1920 × 1080 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)	
11	Stream Capability	2 streams	
12	Resolution	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)	
13	Bit Rate Control	CBR/VBR	
14	Day/Night	Auto(ICR)/Color/B/W	
15	BLC	Yes	
16	HLC	Yes	
17	WDR	DWDR	
18	White Balance	Auto/natural/street lamp/outdoor/manual/regional custom	
19	Noise Reduction	3D DNR	

Supply, Installation and Commissioning of CCTV Setup at HNLU

20	Motion Detection	OFF/ON (4 areas, rectangular)	
21	Region of Interest(RoI)	Yes	
22	Smart IR	Yes	
23	Mirror	Yes	
24	Privacy Masking	Yes	
	Network		
25	Network	RJ-45 (10/100 Base-T)	
26	Protocol	IPv4; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast	
27	Interoperability	ONVIF (Profile S); CGI; P2P; Genetec	
28	User/Host	6	
29	Edge Storage	FTP	
30	Power		
31	Power Supply	12V DC/PoE (802.3af)	
	Environment		
32	Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than ≤ 95%	
33	Storage Temperature	-40°C to +60°C (-40°F to +140°F)	
34	Ingress Protection	IP67	
35	Casing	Metal + plastic	
36	Offered Make and Model		

3. 4 CH NVR 1 SATA

4 CH NVR 1 SATA		
Parameters	Technical Specifications	Technically Complied (Yes/No) If No then specify the reason/deviation
System		
Main Processor	Industrial-grade embedded processor	
Operation Interface	Web/operating in local GUI	
Video		
Access Channel	4 channels	
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding.	
Resolution	12M/8M/5M/4M/3M/2M/720P/D1	
Decoding Capability	4ch 1080P@30fps	
Video Output	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K	
Multi-screen Display	01-Apr	
Third Party Camera Access	Onvif, RTSP	
Compression		
Video	H.264/.H265/Smart H.264+/Smart H.265+/MJPEG	
Audio	PCM/G711A/G711U/G26/AAC	
Network		
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS	
Mobile Phone Access	Android, iOS	
Interoperability	ONVIF (profile T/profile S/profile G), CGI, SDK	

Supply, Installation and Commissioning of CCTV Setup at HNLU

Record Playback		
Multi-channel Playback	Up to 4 channels playback	
Storage	Local HDD and network	
Backup	USB device	
SMD Plus		
Performance	4 channels	
AI Search	Search by target classification (Human, Vehicle)	
Face Recognition		
Performance	Max 8 face pictures/sec processing 1 channel video stream face recognition	
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually	
AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image	
Database Management	Up to 10 face databases with 5,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries@ions and state can be added to each face picture.	
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	
Perimeter Protection		
Performance	2 channels	
Object classification	Human/Vehicle secondary recognition for tripwire and intrusion	
AI Search	Search by target classification (Human, Vehicle)	
Alarm		
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	
External Port		
HDD	1 SATA port, up to 8 TB. The maximum HDD capacity varies with environment temperature	
USB	1 front USB 2.0 port, 1 rear USB 2.0 port	
HDMI	1	
VGA	1	
Network		
RCA Input	1	
RCA Output	1	
General Parameter		
Power Supply	DC12V, 1.5A	
Operating Temperature	-10°C to 55°C (+14°F to +113°F)	
Storage Temperature	0°C to 40°C (+32°F to +104°F)	
Operating Humidity	10%–93%	
Storage Humidity	30%–85%	
Certifications	CE/FCC	
Offered Make and Model		

Supply, Installation and Commissioning of CCTV Setup at HNLU

4. 8 CH NVR 1 SATA

8 CH NVR 1 SATA		
Parameters	Technical Specifications	Technically Complied (Yes/No) If No then specify the reason/deviation
System		
Main Processor	Industrial-grade embedded processor	
Operation Interface	Web/operating in local GUI	
Video		
Access Channel	8 channels	
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding.	
Resolution	12M/8M/5M/4M/3M/2M/720P/D1	
Decoding Capability	4ch 1080P@30fps	
Video Output	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K	
Multi-screen Display	1/4/8/9/16	
Third Party Camera Access	Onvif, RTSP	
Compression		
Video	H.264/.H265/Smart H.264+/Smart H.265+/MJPEG	
Audio	PCM/G711A/G711U/G26/AAC	
Network		
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS	
Mobile Phone Access	Android, iOS	
Interoperability	ONVIF (profile T/profile S/profile G), CGI, SDK	
Record Playback		
Multi-channel Playback	Up to 8 channels playback	
Storage	Local HDD and network	
Backup	USB device	
SMD Plus		
Performance	4 channels	
AI Search	Search by target classification (Human, Vehicle)	
Face Recognition		
Performance	Max 8 face pictures/sec processing 1 channel video stream face recognition	
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually	
AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image	
Database Management	Up to 10 face databases with 5,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries@ions and state can be added to each face picture.	
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	

Supply, Installation and Commissioning of CCTV Setup at HNLU

Perimeter Protection		
Performance	2 channels	
Object classification	Human/Vehicle secondary recognition for tripwire and intrusion	
AI Search	Search by target classification (Human, Vehicle)	
Alarm		
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	
External Port		
HDD	1 SATA port, up to 8 TB. The maximum HDD capacity varies with environment temperature	
USB	1 front USB 2.0 port, 1 rear USB 2.0 port	
HDMI	1	
VGA	1	
Network		
RCA Input	1	
RCA Output	1	
General Parameter		
Power Supply	DC12V, 1.5A	
Operating Temperature	-10°C to 55°C (+14°F to +113°F)	
Storage Temperature	0°C to 40°C (+32°F to +104°F)	
Operating Humidity	10%–93%	
Storage Humidity	30%–85%	
Certifications	CE/FCC	
Offered Make and Model		

5. 16 CH NVR 1 SATA

16 CH NVR 1 SATA		
Parameters	Technical Specifications	Technically Complied (Yes/No) If No then specify the reason/deviation
System		
Main Processor	Industrial-grade embedded processor	
Operation Interface	Web/operating in local GUI	
Video		
Access Channel	16 channels	
Network Bandwidth	200 Mbps for access, 200 Mbps for storage and 100 Mbps for forwarding	
Resolution	12M/8M/5M/4M/3M/2M/720P/D1	
Decoding Capability	4ch 1080P@30fps	
Video Output	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K	
Multi-screen Display	1/4/8/9/16	

Supply, Installation and Commissioning of CCTV Setup at HNLU

Third Party Camera Access	Onvif, RTSP	
Compression		
Video	H.264/H.265/Smart H.264+/Smart H.265+/MJPEG	
Audio	PCM/G711A/G711U/G26/AAC	
Network		
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS	
Mobile Phone Access	Android, iOS	
Interoperability	ONVIF (profile T/profile S/profile G), CGI, SDK	
Record Playback		
Multi-channel Playback	Up to 8 channels playback	
Storage	Local HDD and network	
Backup	USB device	
SMD Plus		
Performance	4 channels	
AI Search	Search by target classification (Human, Vehicle)	
Face Recognition		
Performance	Max 8 face pictures/sec processing 1 channel video stream face recognition	
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually	
AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image	
Database Management	Up to 10 face databases with 5,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries@ions and state can be added to each face picture.	
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	
Perimeter Protection		
Performance	2 channels	
Object classification	Human/Vehicle secondary recognition for tripwire and intrusion	
AI Search	Search by target classification (Human, Vehicle)	
Alarm		
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	
External Port		
HDD	1 SATA port, up to 8 TB. The maximum HDD capacity varies with environment temperature	
USB	1 front USB 2.0 port, 1 rear USB 2.0 port	
HDMI	1	
VGA	1	
Network	1 RJ-45 port (10/100/1000 Mbps)	
RCA Input	1	

Supply, Installation and Commissioning of CCTV Setup at HNLU

RCA Output	1	
General Parameter		
Power Supply	DC12V, 1.5A	
Operating Temperature	-10°C to 55°C (+14°F to +113°F)	
Storage Temperature	0°C to 40°C (+32°F to +104°F)	
Operating Humidity	10%–93%	
Storage Humidity	30%–85%	
Certifications	CE/FCC	
Offered Make and Model		

6. 32 CH NVR 2 SATA

32 CH NVR 2 SATA		
Parameters	Technical Specifications	Technically Complied (Yes/No) If No then specify the reason/deviation
System		
Main Processor	Industrial-grade embedded processor	
Operation Interface	Web/operating in local GUI	
Video		
Access Channel	16 channels	
Network Bandwidth	Access: 160 Mbps; Storage: 128 Mbps; Forward: 48 Mbps	
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1	
Decoding Capability	8 × 1080p@30 fps	
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI	
Multi-screen Display	1 , 4, 8, 9, 16, 25, 32 views	
Third Party Camera Access	Onvif, RTSP	
Compression		
Video	Smart H.265/H.265/Smart H.264/H.264/MJPEG	
Audio	PCM/G711A/G711U/G726/AAC	
Network		
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register	
Mobile Phone Access	Android, iOS	
Interoperability	ONVIF(profile T/S/G); CGI; SDK	
Record Playback		
Multi-channel Playback	Up to 16 channels for playback	

Supply, Installation and Commissioning of CCTV Setup at HNLU

Storage	Local HDD and network	
Backup	USB device	
SMD Plus by Camera		
Performance	12 channels	
AI Search	Search by target classification (Human, Vehicle)	
Perimeter Protection by Camera		
Performance	8 channels	
AI Search	Search for pictures by channel, time and event type	
Face Detection by Camera		
Performance	4 channels	
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard	
AI Search	Search for pictures by channel, time and face attributes	
Alarm		
General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm	
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception	
External Port		
HDD	2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature	
USB	2 (1 × front USB2.0; 1 × back USB2.0)	
HDMI	1 (supports up to 4K resolution output)	
VGA	1	
Network	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port	
RCA Input	1	
RCA Output	1	
Alarm Input	4	
Alarm Output	2	
General Parameter		
Power Supply	12 V DC, 4A	
Operating Temperature	-10 °C to +55 °C (+10 °F to +131 °F)	
Storage Temperature	0 °C to +40 °C (32 °F to 104 °F)	
Operating Humidity	10%–93%	
Storage Humidity	30%–85%	
Certifications	CE/FCC	
Offered Make and Model		

Supply, Installation and Commissioning of CCTV Setup at HNLU

7. Other accessories

Other accessories		Technically Complied (Yes/No) If No then specify the reason/deviation
>	6TB, 4TB, 2TB Surveillance Hard Disk Drive Continuous Duty Read and Multiple Write	
>	04, 08 & 16 Port PoE Switch + 2 Giga uplink	
>	RJ45 Connector & Crimping	
>	HFC Junction Box 100 X 100 HF-GB-H	
>	6 U Rack <i>fully loaded</i>	
>	Outdoor Cat 6 Cable	
>	PVC Pipe 1 Inch Dia White <i>for Conduiting Cable</i>	
>	Kaju Clips 20MM For PVC Pipe atleast <i>5 Nos for 1 Pipe</i>	
>	1KVA Offline UPS <i>and Battery</i>	
>	Fabricated Structure at Typical Location	
>	Power Cable at least 2 Core 1.5 MM	
>	<i>Taking Power from Nearest Point Upto NVR/DVR Rack. with PVC Conduit</i>	
>	<i>other (if any)</i>	
>	Installation Charges Including Cable Termination + 1 Year Service	

Preferred Make	
1	Camera and NVR CP plus, Hikvision or equivalent
2	Monitor Samsung, LG or equivalent
3	Harddisk Drive Seagate, Western Digital or equivalent
4	PoE Switches Dlink, Netgear or equivalent
5	Offline KVA UPS APC, Numeric, Emerson or equivalent
6	Outdoor Cat 6 Cable Dlink, Honeywell, Molex or equivalent

Note: Bidder must submit a technical compliance sheet (with bidder specification, deviation & justification) and all the relevant documents to ensure that the technical specifications are compiled & all the conditions are fulfilled. Note: For Technical Queries contact: it@hnlu.ac.in, purchase@hnlu.ac.in.

**Authorized Signatory
(Signature of the Bidder, with Official Seal)**

Supply, Installation and Commissioning of CCTV Setup at HNLU

SECTION – V PRICE BID PRICE BID

Schedule of price bid in the form of BOQ format:

1. Financial Proposal/Commercial bid format is provided as BoQ along with this tender document at <https://www.tenderwizard.com/HNLURAIPUR>
2. Bidders are advised to download this BoQ.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid.
3. Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD shall be forfeited.
4. Any element of cost, taxes, duties levies etc. not specifically indicated in the BOQ, shall not be paid by the purchaser. If GST amount is not quoted in the BOQ (Financial Bid), the total cost will be treated as inclusive of GST. No further communication will be entertained later or else the EMD will be forfeited.
5. The tender shall remain valid for acceptance for 90 days, from the date of tender opening.

Other conditions for Price Bid

1. No unilateral revision in price will be admissible.
2. The bids shall be evaluated on the basis of total price quoted for Sl. No. 1 to 17 together, Supply, Installation and Commissioning of CCTV Setup at HNLU in the Commercial bid. Price quoted for the items from Sl. No. 18 will not be considered for deciding the L1 Price.

Authorized Signatory
(Signature of the Bidder, with Official Seal)

(END OF SECTION V)

Supply, Installation and Commissioning of CCTV Setup at HNLU

Annexure C

S.No.	Information Heading	Details
1	Name of Supplier/ Vender	
2	Name of the person(s) to whom, all references shall be made, regarding this TENDER/PROJECT (Authorized Signatory)	
3	Address of the contact person	
4	Designation of the contact person	
5	Telephone and Mobile Number of the contact person	
6	Fax No. of the supplier/ vender	
7	Email id	
8	Annual Turn Over (in Lakhs): Last 3 Financial years (in INR)	1.
		2.
		3.
9	PAN	
10	GSTN	
11	Bank Name and Account Number	
12	IFSC Code	

Authorized Signatory
(Signature of the Bidder, with Official Seal)

Supply, Installation and Commissioning of CCTV Setup at HNLU

Annexure D

**PREVIOUS WORK ORDER DETAILS
(To be submitted on Company Letter Head)**

Evaluation Criteria	Name of Client	Order No. and Date	Amount	Remarks
List of Purchase orders/ Work orders where the similar work of supply as per tender specification	1			Supporting Document to be attached
	2			
	3			
	4			
	5			

**Authorized Signatory
(Signature of the Bidder, with Official Seal)**

Supply, Installation and Commissioning of CCTV Setup at HNLU

Checklist - Undertaking

S. No.	Document Description	Enclosed (Yes/ No)	Page No.	Remarks
1	Scanned copy of Tender fee payment advice of Rs.500/- showing DU number clearly or valid MSME/NSIC Exemption certificate.			
2	EMD: Valid MSME/NSIC Exemption certificate along with Bid Security declaration			
3	Scanned copy of OEM/ Authorized Dealer Certificate			
4	Scanned copy of Technical Compliance Sheet			
5	Detailed price bid			
6	Signed copy of Annexures wherever applicable			

I / We do hereby declare that all the above mentioned documents are enclosed as per the tender document.

Authorized Signatory
(Signature of the Bidder, with Official Seal)

Supply, Installation and Commissioning of CCTV Setup at HNLU

AUTHORITY LETTER

AUTHORIZATION

We _____(name of the bidder) hereby authorise Shri / Smt. _____ (name of the authorised person) to sign and submit the bid to HNLU against their Tender No. _____ dated _____. Shri / Smt. _____ (name) is also authorised to negotiate the terms and conditions pertaining to the said tender on behalf of M/s _____ (name of bidder). The specimen signature of Shri / Smt. _____ (name) is appended below.

Specimen Signature:
Name:

The undersigned is authorised to delegate the authority on behalf of M/s _____ (name of bidder), as stipulated above

For _____
(name of bidder)

Signature & Company Seal:
Name:
Designation:
Email:
Mobile No.:

Supply, Installation and Commissioning of CCTV Setup at HNLU

REF TENDER NO.
NAME OF WORK: “

NAME OF AGENCY: _____

To,
The Registrar,
HNLU,
Nava Raipur, Atal Nagar,
Chhattisgarh

Sirs,

With reference to the notice Inviting Tender, I/We have gone through the tender documents issued to us. I/We have also gone through the general conditions of the contract of HNLU. I/We here by confirm that I/We shall abide by terms and conditions of General conditions of the contract including form of tender, Invitation to Tender etc. I/We hereby declare that, I/We have visited, inspected and examined the site and its surroundings and well aware about the prevailing site conditions. I / we have satisfied ourselves before submitting this tender; obtained information about the nature of work, facilities that may be required and obtained necessary information about working conditions, risk contingencies etc., which may influence this tender. We hereby offer to execute & maintain the work during the defect liability period in conformity with the tender conditions at the respective rates quoted by us.

Signature of the contractor(s)

Name of Agency with complete address & email ID

Supply, Installation and Commissioning of CCTV Setup at HNLU

//Instruction to Suppliers/Bidders//

The tender shall be accepted only through **online e-tendering process** and all details pertaining to the tender and guidelines for e-tendering are available on the website <https://www.tenderwizard.com/HNLURAIPUR>.

Intending contractors needs to register themselves on the e-tendering website www.tenderwizard.com to get the USER ID and PASSWORD by paying required registration fee (Annual & Non-Refundable) through e-payment only and completing the steps specified on above referred website.

Special Note: The price bid and other documents has to be submitted separately online at www.tenderwizard.com. The date of Submission of online Technical and Financial will be as per tender notice.

Requirement for Vendors:-

P.C./ Laptop Connected with internet

Registration with portal www.tenderwizard.com

Class-III Digital signature certificate in the name of the company of the vendor is mandatory(in the name of the company who will be submitting the EMD & general information).this may be obtained by calling our helpdesk (9073677150/51/52).Bids will not be recorded without Digital signature Certificate.

Bidders will have to pay Tender Processing fee Rs /- including GST (Non-Refundable) through e- payment in favour of M/S ITI Ltd.

Note: Please check the Digital Signature Certificate. For more details bidders may visit e-tendering portal and download the help manuals uploaded in the website.

Contact Person:-

Help Desk

Email: helpdesk518@etenderwizard.com

Help Desk No: 9073677150/51/52