

# MUNGER UNIVERSITY

Munger – 811201 (Bihar)

## TENDER NOTICE

**Tender No:** univ01/26

**Date:** 27/02/26

**Name of Work:** Installation of CCTV Cameras at Munger University Campus Evaluation Centre, Munger, Bihar

Munger University invites sealed tenders from eligible and qualified vendors for the installation of CCTV Cameras at evaluation centre for comprehensive CCTV surveillance to ensure the safety, security and monitoring of evaluation work in the premises.

**Scope of Work:** The scope of work includes the supply, installation and configuration of Various categories of night vision, infrared HD IP CCTV Cameras, Network Video Recorder (NVR) systems and associated equipment. The following types of cameras may be required.

1. Dome Cameras of 5 megapixel – specifications attached as Annexure - I
2. B.O.Q. Annexure II

**Submission of Tenders:** Interested vendors are required to submit their sealed tenders in accordance with the terms and conditions outlined in the tender document. The tender documents can be from downloaded from [mungeruniversity.ac.in](http://mungeruniversity.ac.in) from 28/2/2020 to 12/03/2026.

**Tender must be submitted on given tender from available with this tender notice on [mungeruniversity.ac.in](http://mungeruniversity.ac.in).**

Tender papers can be sent by registered post only to the Registrar, Munger University, Munger, Bihar 811201 within last date of submission Tender paper received after last date will not be entertained.

### **Documents required**

The Tenderer are required to enclose the following documents failing which the tender would be rejected.

- (a) ITR for last three years.
- (b) Registration of appropriate category.
- (c) GST registration papers
- (d) Proof of work experience of similar nature of work.
- (e) PAN Card
- (f) EMD – DD for 50000/- (refundable) in favour of the Registrar Munger University, payable at Munger.
- (g) Tender paper fee – 3000/- in the form of DD payable to Registrar, Munger University, Munger

**Details can also be obtained on [mungeruniversity.ac.in](http://mungeruniversity.ac.in) under head Eligibility Criteria**

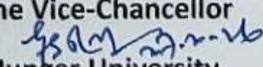
**Last Date:** The last date for submission of tenders by post is 12/03/2026 till 2.00 PM. Tenders received after the specified date and time will not be considered.

**Contact Information:** For any queries or clarifications regarding the tender, please contact Registrar, Munger University, Munger.

**Tender Opening:** Tenders will be opened on 12/03/ 2026 at 5.00 PM in the presence of the bidders who wish to attend.

Munger University reserves the right to accept or reject any or all tenders without assigning any reason. University reserve the right to distribute the work among more than one vendors. The decision of the university in this regard will be final.

**Penalty:** Work must be completed in all respect within one month of allotment of work failing which 10% amount will be deducted from the final bill. If delayed for more than 2 month this work order will automatically stand cancelled without information.

By Order of the Vice-Chancellor  
  
Registrar, Munger University

**Penalty:** Work must be completed in all respect within one month of allotment of work failing which 10% amount will be deducted from the final bill. If delayed for more than 2 month this work order will automatically stand cancelled without information.

10

By Order of the Vice-Chancellor

Registrar, Munger University

**Eligibility Criteria**

A bidder participating in the procurement process, the following minimum & mandatory prequalification bid / eligibility criteria failing which the concerned bid shall be rejected:

S. No.	Basic Requirement	Specific Requirements	Documents Required	Bidder's Compliance (Yes/No)
01.	Bidder's Legal Entity  (Joint Venture or Consortium or Association of bidders shall not be allowed)	The bidder should be duly registered  under either the Bihar Shops & Establishments Act, 1958.  OR  A company registered under Indian Companies Act, 1956  OR  A partnership firm registered under Indian Partnership Act, 1932.	i. Company Registration Under Bihar Shop & Establishment Act with minimum 50 no of employee (in case of Proprietorship Firm)  ii. Registration certificate and Memorandum of Association issued by Registrar of Companies in case of a registered company and in case of another statutory or registered body, certificate of incorporation or registration issued by concerned authority. Power of attorney in favor of the person signing the bid. (in case of company registered under company Act).  Partnership Deed and valid registration certificate with the Registrar of Firms in case of Partnership Firms. Power of Attorney in favor of the partner signing the bid, authorizing him to represent all partners of the firm (in case of partnership firm)	
02.	Office Registration	The Bidder must have a registered office in Bihar.	1) Electricity Bill/Telephone bill or last 3 months- on the name of bidder, OR Copy of Rent Agreements.	
03.	Financial Net Worth	The net worth of the bidder should minimum 2 Crore as on 31.03.2024, should be Positive.	CA Certificate with CA's Registration Number/ Seal	

04.	The bidder must provide self-attested scanned copies.	i. PAN Card ii. GST Registration Certificate in Bihar, and i. submit proof of GST return for the tax deposited amount of minimum Rs. 5 Lac as Goods and Service tax in financial year 2023-2024 ii. ESIC & EPF registration Certificate	Self-attested copies of 1) PAN Card 2) GST Registration Certificate & Payment Challan paid amount 5 lac 4) ESI & EPF registration Certificate	
05.	Character Certificate	Firm should submit the character certificate of Proprietor (in case of Proprietorship firm) or character certificate of Director's who is signing the bid (in case of Company Registered under Company Act) or, character certificate of Partner, having right to sign the bid (in case of partnership firm)	Copy of character certificate	
06.	ISO Registration	ISO 9001:2015, 14001:2015, 27001:2022 & 45001:2018 Registration Certificate.	Copy of Valid ISO Certificate.	
07.	Undertaking	(i) The bidder must not be Blacklisted/banned/convicted by any court of law for any criminal or civil offences/ declared ineligible by any entity of any State Government body of public sector undertaking	Affidavit sworn before public Notary	
08.	Mandatory Condition	The bidder must have Single work order / work experience / work completion certificate Minimum 128 CCTV Camera under the Central /State/Government/ PSU which has been done by Cat-6 Cable and Optical Fiber Only in any financial year of 2021-22, 2022-23, 2023-24 and 2024-25	Copies of Relevant Single Work Order/Experience / Work Completion Certificate Minimum 128 CCTV Camera which has been done by Cat-6 Cable and Optical Fiber Only.	

99

## ANNEXURE I

### 5 MP IP Dome Camera

Specifications	Compliance (Yes/No)	Remarks
----------------	---------------------	---------

Camera			
Image Sensor	1 / 2.8" CMOS		
Image Size	2592x1944		
Shutter Speed	1/15s ~ 1/100000 s		
Iris Type	Fixed Iris		
Min. Illumination	0.01 Lux @F1.2 (AGC ON)		
Lens	2.8mm		
Aperture	F 1.6/F 2.0		
Dori	D: 67m, O: 26m, R: 13m, l: 7m		
Field of View	Horizontal FoV:107.6°; Vertical FoV: 57°; Diagonal FoV: 127.62°		
Wide Dynamic Range	True WDR (120db)		
BLC	Yes		
HLC	Yes		
Digital NR	3D DNR		
Angle Adjustment	Pan: 0°~330°; Tilt:0°~75°; Rotation: 0°~330°		
Image			
Video Compression	H.265, H.264, MJPEG		
Stream Profiles	4		
Resolution	2592 x 1944, 2592 x 1520, 2048 x 1536, 1920 x 1080, 720p, D1, VGA,2CIF, CIF		
Stream Profiles	Profile 1 : 2592 x 1944 @30fps (H.264/H.265) Profile 2 : D1 @30fps (H.265/H.264) Profile 3 : 2048 x 1536 @8fps (MJPEG) or D1/VGA@15fps (H.264/H.265) Profile 4 : 1920 x 1080 @30fps (H.264/H.265/MJPEG)		
Bit Rate	128 kbps-16 Mbps		
Bit Rate Type	VBR, CBR		
Image Settings	Snapshot, ROI, Saturation, Brightness, Contrast, Sharpness, Smart IR etc.		
Interfaces			
Network	RJ 45		
Storage	Built-in micro SD card slot; up to 128GB		
Reset	Yes		
Functions			
Remote Monitoring	Web Browser/IE, Chrome		
Network Protocol	TCP/IP, UDP, DNS, DynDNS, RTP, RTCP, Ipv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP,802.1x, UPnP, HTTP, HTTPS, QoS, Bonjour		
Interface Protocol	ONVIF		
Storage	Network remote storage; micro SD card storage		
Smart Alarm	IP Conflict, Network Disconnect, Temper Detection		
General Function	IP address filtering, video mask, illegal login lock		
IR Distance	upto 30m		
Ingress Protection	IP 67		
Others			
Power Supply	DC12V/PoE		
Power Consumption	< 5W		
Operating Environment	- 30 °C ~ 60 (-22~140°F) Humidity: less than 95% (non-condensing)		
Certificate	BIS, CE, IK10, Essential Requirement (ER) by STQC		

## 32 Channel Network Video Recorder

(178)

Specifications	Compliance (Yes/No)	Remarks
<b>Video</b>		
IP Video Input	32CH IPC input	
Incoming/Outgoing Bandwidth	192Mbps / 192Mbps	
IP Video Input Resolution	12MP/8MP/5MP/3MP/1080P/720P/D1/CIF	
Output	HDMI Video Output	
Compression	H.265/ H.264	
Multi-screen Display	1/4/6/8/9/13/16/25/32/36	
<b>Audio</b>		
Network Input	32 CH IPC audio input	
2-way Audio	Yes	
Local Output	RCA × 1	
Compression	G.711	
<b>Record</b>		
Resolution	12MP/8MP/5MP/3MP/1080P/720P/D1/CIF	
<b>Playback</b>		
Simultaneous Playback	Max. 16 CH	
Search	Date & Time, Camera	
Function	Play, pause, FF, FB, digital zoom, etc.	
<b>Alarm</b>		
Type	Manual, Sensor, Motion, Exception, Events, etc.	
<b>Network</b>		
Interface	RJ 45 1000 Mbps × 2	
Protocol	TCP/IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, RTSP, ONVIF Protocol	
Client Connection	Max. 20 users access	
<b>Storage</b>		
HDD Interface	SATA × 4, max 10T for each HDD	
<b>Backup</b>		
Local Backup	U disk, USB mobile HDD	
Network Backup	Yes	
<b>Port</b>		
USB Port	USB2.0×2, USB3.0×1	
<b>Others</b>		
Working Environment	0°C ~ 50°C	
Certificate	BIS	
Environmental Protection	Directive EU RoHS	

## 08 Port POE Giga Switch

Specifications	Compliance (Yes/No)	Remarks
<b>Features</b>		
Power Adapter Voltage	AC 110V-240V	
Consumption	150W(52V 2.88A)	
PoE Ethernet Port	1-8 port:1000Mbps	

Ethernet Port, SFP Port	Uplink port:1000Mbps, 2*1000Mbps SFP Ports			(B)
Transmission Distance	1 - 8 Port :1000M: 0 100m / Uplink Port:0-100m			
Transmission Medium	Cat5/5e/6 standard network cable			
Network Standard	IEEE802.3/802.3u, IEEE802.3x,IEEE802.ab			
Switching Capacity	20 Gbps			
Packet Buffer Memory	1 Mbits			
Throughput	14.88Mbps			
MAC Table	2K			
Packet Forwarding rate	10Mbps:14880pps/port, 100Mbps:148800pps/port, 1000Mbps:1488000pps/port			
PoE Standard	IEEE802.3af/at			
LED Indicator	Power indicator: keep bright when connect power Network indicator : Flicker when there is data transmission			
Working temperature	0'C 55'C			
Relative Humidity	20-95%			
Storage temperature	-20'C 70'C			

## Wireless Antenna

Specifications		Compliance (Yes/No)	Remarks
<b>Features</b>			
Processor	Qualcomm 750MHz CPU		
Memory	128 MB DDR2 RAM, 16 MB Flash		
Interface	1 x 10/100/1000 Mbps Shielded Ethernet Port (LAN/POE) 1 x Reset Button		
Antenna Gain	23 dBi		
Protection	15 KV ESD Protection		
Enclosure	Outdoor Weatherproof: IP65 water and dust proof design		
Wireless Standards	IEEE 802.11a/n/ac		
Wireless Speeds	Up to 867 Mbps (80 MHz, Dynamic)		
Frequency	5.15-5.85 GHz		
Transmission Power	Max. 27 dBm (Adjustable power by 1dBm)		
Network Configuration	WAN: Static/ Dynamic/ PPPoE, LAN: Static/ Dynamic/ DHCP Forwarding: ALG/ UPnP/ Virtual Server/ Port Trigger, Security: SPI Firewall/ Ping Forbidden/ DoS Protection, Access Control, Static Routing, Bandwidth Control, IP & MAC Binding		
Power Output	Passive Power over Ethernet via LAN (+4,5pins; -7,8pins) Voltage range: 16-27V DC		
Management Features	HTTP/ HTTPS Web-based management, System log, Ping Watch Dog, Dynamic DDNS, SSH Server, SNMP Agent		
Certification	CE, FCC, RoHS, IP65, IC		
Power Input	100-240VAC, 50/60Hz		

# ANNEXURE - II

5

## FINANCIAL BID

S.No.	Particulars	Item Description	Qty.	Unit	Rate Per Unit	Total
1	IP Dome Camera	5MP IP Dome Camera, 1 / 2.8" CMOS, 2592x1944, H.265 /H.264 stream coding, Fixed Focus, Fixed Iris, 2.8 mm Focal Length, IP 67, Minimum illumination 0.01 lux @ F1.2 (AGC ON), upto 30 Mtr IR distance, Built in Micro SD Card Slot Supported upto 128 GB, Built in Microphone, Support triple streams. TrueWDR (120db) <i>(As Per Annexure I)</i>	32	Pcs.		
2	NVR	32 channel NVR, H.265/H.264 Video Compression, Maximum resolution supported upto 12MP, 192 Mbps Network Bandwidth (incoming/outgoing), TCP/IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, RTSP, ONVIF Protocol, RJ45 10/100/1000 Mbps x 2 interface, 4 Sata supported per sata 10 TB capacity, USB 3.0 x1, USB 2.0 x2 <i>(As Per Annexure I)</i>	1	Pc.		
3	8 Port POE Switch	8 Port POE Full Giga switch with 2 Giga uplink & 2 SFP port, Support restrain network strom, Maximum POE power 150 Watt, Support lightning protection on 4000V, Transmission distance upto 100 meters, Switching capacity 20 Gbps, Throuhput 14.88 Mbps, IEEE802.3af/at Poe Standard, Working Temperature 0 degree celcius to 55 degree celcius <i>(As Per Annexure I)</i>	5	Pcs.		
4	HDD	8 TB Hard Disk Drive (Surviellance)	4	Pcs.		
5	CAT 6 UTP Cable	Specifications Category: 6 UTP Solid cable Conductor: Conductor: 23 AWG (Solid) Conductor Meta: Conductor Meta: Bare Copper Insulation Material: HD-PE OD : 6.1mm ±0.2 Resistance Unbalance : 5% Max Capacitance Delay Skew : <45nS Unbalance : 330pF/100m	1220	Mtrs.		
6	Power Wire	2 Core 1 Sq. MM. Power Cable, Multistrand copper conductor, PVC insulated	300	Mtrs.		
7	4U Rack	4U Rack	1	Pc.		
8	Junction Box	Junction Box - POE Switch	5	Pcs.		
9	SD Card	128 Gb Micro SD Card	32	Pcs.		

10	Wireless Antenna	Wireless Antenna - connect building to building	2	Pcs.					
11	Laying	Laying of Cat 6 Cable & Power Cable with PVC Conduit	1520	Mtrs.					
12	Installation - CCTV Camera	Installation, Networking, Testing & Commissioning of IP CCTV Camera with Connector & Accessories	32	Camera					
13	Installation - Wireless Antenna	Installation, Networking, Testing & Commissioning of Wireless Antenna with Connector & Accessories	2	Pcs.					
14	Service	On Site Service for 2 Year After work Completion	32	Camera					
15	Software	System should be provided with suitable software for monitoring, archiving, replay of stored files. Software should be able to connect all the cameras and should be upgradable without any extra charge.	1	Pc.					