MUNGER UNIVERSITY

Munger – 811201 (Bihar)

TENDER NOTICE

Tender No: univ03/26   Date: 27/02/2026

Name of Work: Supply, Installation, Testing, Commissioning and Training of Smart Class Solution at Munger University, Munger (Bihar)

Munger University invites sealed tenders from eligible and qualified vendors for Supply, Installation, Testing, Commissioning and Training of Smart Class Solution at Munger University, Munger, Bihar.

Scope of Work: The scope of work include supply, installation, testing, commissioning and training of the Smart Class solution at Munger University, Munger (Bihar). Work includes installation and integration of all components, installation and configuration of required software including OBS Studio for live streaming and video recording, enabling live and recorded class functionality, creation and configuration of the official YouTube channel, testing and validation of complete audio-video and streaming workflow, user training to designated university staff, and final handover of a fully functional Smart Class system as per university requirements. The following may be required.

1. Interactive Flat Panel – specifications attached as Annexure - I
2. PTZ Camera – specifications attached as 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 downloaded from www.mungerunivversity.ac.in from   28/02/2026 to 12/03/2026 till 2.00 PM

Tender must be submitted on given tender from available with this tender notice on mungeruniversity.ac.in.

Tender papers can be sent by registered post / by hand 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) PAN Card
(e) EMD – DD for 10000/- (refundable) in favour of the Registrar Munger University, payable at Munger.
(f) Previous work experiences of appropriate category.
(g) Cost of Tender paper -3000/- in the form of DD in favour of the Registrar Munger University.

Details can also be obtained on 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 Universiy.

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 reserves the right to distribute the work among more than one vendors. The decision of the university in this regard will be final.

Penality: 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 Hon'ble Vice-Chancellor

27/02/2026

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. OR A company registered under Indian Companies Act. OR A partnership firm registered under Indian Partnership Act.	i. Registration Under Bihar Shop & Establishment Act 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.	Financial Net Worth	The net worth of the bidder should minimum 1.25 Crore as on 31.03.2025, should be Positive.	CA Certificate with CA's Registration Number/ Seal	
03.	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 2024-2025	Self –attested copies of 1) PAN Card 2) GST Registration Certificate & Payment Challan paid amount 5 lac	
04.	Character Certificate	Firm should submit the	Copy of character certificate	

		character certificate of Proprietor issued from Supdt. Of Police office(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)		
05.	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	
06.	NSIC/MSME	The Bidder must have a valid NSIC/MSME certificate	Copy of Relevant Certificate	

ANNEXURE - I

INTERACTIVE FLAT PANEL (75")

Specifications		Compliance (Yes/No)	Remarks
Display			
Screen Size	75"		
Aspect Ratio	16:09		
Maximum resolution	3840x2160(pixels)		
Display Colors	1.07B(10bit)		
Response time	≤ 5ms		
Contrast ratio	Typ:1200:1		
Brightness	400 nits		
Backlight Lifetime	60,000 hours		
Backlight Type	D-LED edge Type		
System			
Operating System	Android 14.0 EDLA		
RAM	8 GB		
ROM	128 GB		
CPU	Octa Core (4*A72 @ 2.2 GHz + 4*A53 @ 2 GHz)		
GPU	Mali-G52 MC3		
NPU	Inbuilt 6 TOPS		
Camera	Auto-Focus 48 MP 4K UHD Quality Video; AI Camera with Sound localization and intelligent framing		
Inbuilt Microphone	8-array mic that supports speech enhancement; Pick Up Area - 8m		
Inbuilt NFC Card Reader	NFC Card Reader for unlocking the device with a simple tap.		
Speakers	2x20W/6Ω Speakers + 20W/4Ω Sub-Woofer		
WI-FI Standard	Dual Band 802. 11a/b/g/n/ac		
Refreshing Frequency	60Hz		
Bluetooth	Bluetooth 5.0		
Connectivity Ports	HDMI-In, HDMI-Out, USB 3.0, USB 2.0, Type C USB, LAN, Touch-USB, MIC-in, Audio Out, RS232, SPDIF		
Remote Control	Stylus Pen, Remote Control		
Surface protection	3.2mm Toughened Glass | 9H Hardness		
Software			
Device Capabilities	Google Suite & Microsoft Office Integration, Smart Deivce Connectivity - Effortless pairing with Smart devices, Wireless Casting & Screen Sharing		
Operating System	Android 14.0		
Official Google Services	Chrome, Youtube, Gmail, Play Store, Setting, Docs, Slides, Sheets, Chat, Google Drive, Google Meet and Calender		

4K AI AUTO TRACKING PTZ CAMERA

Specifications		Compliance (Yes/No)	Remarks
Camera Parameter			
Image Sensor	1/2.5 Inch Ultra High Quality CMOS Sensor		
Effective Pixels	2.07 MP, 16:9		
Video Format	3840x2160, 2592x1944, 2560x1440, 1920x1080, 1280x720, 1024x576, 960x540, 800x448, 640x360, 320x176		
Optical Lens	12X Optical Zoom, f=4.4mm-52.8mm		
View Angle	8.8- 68.8		
Iris	F1.8-2.6		
Digital Zoom	16X		
AI Tracking	Yes (Auto & Framing), Motion Tracking		
Low Illumination	0.5 Lux (F1.8, AGC ON)		
DNR	3D		
White Balance	Auto/ Manual /One Push / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K		
Focus	Auto / Manual/One Push		
Electronic Shutter	Auto /Manual		
BLC	On /OFF		
WDR	OFF / Dynamic Level Adjustment		
Video Adjustment	Brightness. Color, Saturation, Contrast, Sharpness, B/W mode, Gamma Curve		
Video SNR	>55dB		
USB Characteristics			
Support Operating System	Windows 7/ Pro, Windows 8, Windows 10. Windows 11 / Pro, Windows XP, Mac OS, Linux		
USB Communication Protocol	UVC		
Video Compression	H.264, H.265, MJPEG		
PTZ Parameter			
Pan /Tilt Rotation	- 170° + 170°, -30° + 30°		
Pan /Tilt Controller Speed	1.7-76 Second, 0.5-15 Second		
Present Speed	Pan-60-Second, Tilt-30-Second		
Present Numbers	255 Presets (10 Presets by IR Remote)		
Interface & Protocols			
Video Output	USB 3.0 Type - B		
Video Compression	H.264 AVC, H.264 SVC, H.265, MJPEG		
Control Port	RS232 IN & OUT, RS485, Line In		
Power Supply	HEC 3800 Outlet (DC 12V)		
Other Parameter			
Working Voltage	12V		
Working Current	0.25A (Max)		
Power Consumption	2.5W (Max)		
Storage Temperature	-40'C - 60°C -40°F- 140'F		
Working Temperature	-10 C-+40 C, 20%-80%		

ANNEXURE - II

FINANCIAL BID

S.No.	Particulars	Item Description	Qty.	Unit	Rate Per Unit	Total
1	Interactive Flat Panel	Interactive Flat Panel, Screen Size : 75 Inch, Resolution : 3840x2160 (pixels), Aspect Ratio : 16:9, RAM : 8 GB, ROM : 128 GB, Operating System : Android 14, CPU : Octa Core, Camera : 48 MP 4k UHD Quality Video, Microphone : 8 Array Microphone, NFC Card Reader : Yes, Bluetooth 5.0, Wi-Fi Standard : Dual Band (802.11), Speakers : 2x20W/6Ω Speakers + 20W/6Ω Sub-Woofer, Connectivity Ports : HDMI-In, HDMI-Out, USB 3.0, USB 2.0, Type C USB, LAN, Touch-USB, Mic-In. Audio Out **(As Per Annexure -I)**	1	Pc.		
2	PTZ Camera	Image Sensor : 1/2.5 Inch Ultra High Quality CMOS Sensor, Effective Pixels : 2.07 MP, Aspect Ratio : 16:9, Video Format : 3840x2160, Optical Lens : 12xX Optical Zoom, f=4.4mm-52.8mm, Iris : F1.8-26, Digital Zoom : 16X, AI Auto Tracking & Framing, Motion Tracking, Support Operating System : Windows 7, Windows 8, Windows 10, Windows 11, Video Compression : H.264, H.265, MJPEG, Preset Numbers : 255 Presets (10 Presets by IR Remote), Video Outpur : USB 3.0 Type-B, BLC : Yes, WDR : Yes, Video SNR : >55dB, DNR : 3D **(As Per Annexure -I)**	1	Pcs.		
3	Head Microphone	High Quality Wireless Head-Mounted Microphone	1	Pcs.		
4	Audio Interface	High Quality Audio Interface for Audio Integration				
5	Installation	Complete installation, testing and commissioning with other all required Accessorie of the Smart Class Solution, including installation, mounting and secure fixing of the Interactive Flat Panel, ceiling mounting and alignment of the PTZ Camera with preset and auto-tracking configuration, installation and integration of the Wireless Head Microphone and Audio Interface, proper cable management including HDMI, USB, LAN and power cabling, integration of all hardware components for seamless operation, complete testing of audio, video, camera movement, zoom, tracking and display functions, and final commissioning and handover of a fully functional Smart Class solution.	1	Pcs.		
6	Service	On Site Service for 1 Year After work Completion	1	Pcs.		

7	Software	System should be provided with suitable software of all required software for the Smart Class, including installation and configuration of OBS Studio for live streaming and video recording, configuration of audio and video sources, scene setup and output quality optimization, integration of OBS Studio with the PTZ Camera, Audio Interface and Interactive Flat Panel, setup and validation of live and recorded class functionality, creation and configuration of the official YouTube channel including stream key and basic channel settings, testing and validation of live streaming and recording output, ensuring seamless coordination between hardware and software components, providing user training and demonstration to designated personnel on software operation, live streaming, recording and basic troubleshooting, and final software handover with a fully operational streaming and recording workflow.	1	Pc.		