



Ch. Bansi Lal University, Bhiwani

(A State University established under Haryana Act No. 25 of 2014)

Ref. No. CBLU/GEO/2026/1352-1353

Dated: 27/04/2026

To

- 1.
- 2.
- 3.

Subject: NIQ of purchase of Interactive Panels with CPU , Video Conferencing Camera / Web Camera (V2), Wall mount DTD Cabinet in the Dept. of Geography, CBLU, Bhiwani.

Quantity Required: 2 (set)

(a) Technical Specification:

Minimum Technical Specifications for 86" Interactive Display	
Feature	Descriptions
Diagonal Size	86" or higher
Resolution	4K UHD or higher
Brightness (typical)	450 nits or higher
Contrast ratio (typical)	1800:1 or higher
CPU	Octa-Core or better
Memory (RAM)	8 GB or higher
Storage (ROM)	64 GB or higher
OS	Android 14.0 or better
Panel life	50,000 hrs or higher
Touch Glass	3 mm tempered glass or better
Touch points	20 or higher
Touch response time	8 ms or better
Connectivity (I/O) - Minimum Ports	USB 3.0 Type A - 2, USB Type C - 1, HDMI In - 2, RJ45 - 1
Additional Features	Smart Eye Protection, Anti-glare coating
Speakers	20 Watt x 2 speakers or better
Wi-fi	Wi-fi 5 (2.4 & 5Ghz) or better
Hotspot	Create a Hotspot with internet sharing across connected devices
Bluetooth	Bluetooth version 5.0 or higher

Whiteboard Interactive Software (Android) Features	· Multi-touch writing (multiple users simultaneously) · Pen, marker, highlighter tools · Adjustable pen thickness and colors · Eraser (finger, pen-end, or tool-based) · Lasso/select tool to move or resize content · Geometrical Tools
Wireless screen sharing	Share/mirror the content of an external device wirelessly on the interactive panel
Power Supply	AC 100-240V 50/60Hz
Max. Power Consumption	450 W
Operating temperature	0°C ~ 40°C or Better
Operating Humidity	10% ~ 80% RH Non-Condensing or Better
Accessories	Wall mount Kit, Remote, 2 x Stylus, 1x HDMI Cable (1.5 Meter), 1x USB A to B cable (1.5 Meter), 1x Power Cable (1.5 Meter)
Magnetic pen holder	Magnetic pen holder for two pens
Sliding Frame	Wall mounted structure with locking facility and sliding arrangement with Writing board in front.
Certifications	BIS certification of Interactive Panel required, as per BIS manufacturing facility should be in India; Non-compliance shall result the rejection of bid.

Interactive Panel - OEM of Interactive Panel should have a valid BIS license for Interactive Panels for the last 3 years and as per BIS, manufacturing facility should be in India. The quoted model should be included in same BIS before the publishing of this bid and should be verifiable online from BIS website. The manufacturing facility may be subjected to physical inspection by the representatives of the buyer on demand. All necessary documents to be submitted.

(b) Technical Specifications for Micro PC

Technical Specifications for Micro PC	
Parameter	Specifications
Type Detachable	PC module
CPU Intel Core	i5 10th Generation
RAM	8 GB or better
SSD	256GB SSD or better
I/O Ports	HDMI x 1, USB ports x 4, LAN Port x 1
Max Power	60W or less
Certifications	BIS certification of Micro PC required, as per BIS manufacturing facility should be in India; Non-compliance shall result the rejection of bid.

OPS/Micro PC - Quoted model of OPS/Micro PC should have a valid BIS license which is verifiable online from BIS website. As per BIS, manufacturing facility should be in India. To avoid compatibility issues, OEM of Interactive Panel and OPS/Micro PC should be the same.

(c) Technical Specification of 4K Web Camera

Technical Specification of 4K Web Camera	
Parameter	Specifications
Camera Resolution	4k or better

Camera Sensor	8 Mega Pixel CMOS Sensor or better
Zoom	5x or higher
Field of View	100 degrees or better
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s or better
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera bracket	bracket with damper
Backlight Compensation	Should support Backlight Compensation
Digital Noise Reduction	2D & 3D Digital Noise Reduction
HDR	Should Support High Dynamic Range
Preset	Should have 3 Presets on Remote control
Resolution	Should support 4K Ultra HD resolution and down compatible with 1080p,720p.
Video Output	Should support USB 3.0 Video output suitable for software-based video conference
Auto Focus Lens	Should be Complete customizable auto focus non-distortion lens, view angle up to 100°, should support e-PTZ.
Built in Microphone	Built in beamforming microphone array with noise suspension and automatic gain algorithm with audio pickup distance up to 4 meters or better
AI Powered Tracking	Auto framing with advance AI tracking Method
Remote control	All the parameters of the camera should be remote controlled using IR remote control
Interface	1x USB 3.0 Type C or more
Input Voltage	5V (USB power supply)
Certifications	BIS certification of Webcam required, as per BIS manufacturing facility should be in India; Non-compliance shall result the rejection of bid.

Webcam - Quoted model of webcam should have a valid BIS license which is at least 3 years old and is verifiable online from BIS website. As per BIS, manufacturing facility should be in India. To avoid integration issues during video conferencing, OEM of Interactive Panel and Webcam should be the same.

(d) Technical Specifications for Wall mount DTD Cabinet

Technical Specifications for Wall mount DTD Cabinet	
Wall Mounted Lockable Enclosure to house Visual Presenter, Wireless Keyboard & Mouse (all supplied along with cabinet); Cabinet should be made of powder-coated CRCA Steel Sheet of minimum 1.2mm thickness and should have a secure locking mechanism.	
Visual Presenter	
Parameter	Specifications
Pixels	2 MP or better
Zoom	12x Optical or higher
Resolution	1080p@30 fps or better
Coverage Area	A4
Focus	Automatic & Manual
White Balance	Automatic & Manual
LED Lights	2 or more

Camera Head Rotation	180 Degrees Horizontal, 180 Degrees Vertical
Touch Keys	Zoom in/out, LED, Auto Focus
Certification	BIS certification of Visual Presenter required, as per BIS manufacturing facility should be in India; Non-compliance shall result the rejection of bid.

DTD Cabinet - Quoted model of Visual Presenter of DTD Cabinet should have a valid BIS license which is at least 3 years old and is verifiable online from BIS website. As per BIS, manufacturing facility should be in India. To avoid integration issues , OEM of Interactive Panel and DTD Cabinet should be the same.

Terms and Conditions:

1. All charges, terms and conditions must be clearly specified in the offer submitted by the bidder, and the rates quoted should be inclusive of all applicable taxes, duties and levies; no extra payment shall be made beyond the quoted price under any circumstances.
2. The quotations shall be received from 27/04/2026 to **18/05/2026 up to 17:00 hrs** in the **Office of the Registrar, New Campus of Chaudhary Bansi Lal University, Prem Nagar, Bhiwani**, and quotations received after the stipulated time shall not be considered.
3. Any charges not explicitly mentioned in the quotation shall not be payable by the University, and the bidder shall quote a composite price inclusive of supply, installation, testing, commissioning, training and all applicable taxes.
4. NIQ shall be provide in the Two Packet (One for Technical Specification another Include One for Financial Offer) Only those bidders who fulfill all eligibility and qualifying criteria of the tender shall be considered for evaluation, and the financial bids of only technically qualified bidders shall be opened.
5. The scope of work includes supply, installation, testing, commissioning and training of Interactive Panels with CPU, OPS/Micro PC, Webcam and Wall Mount DTD Cabinet at the Department of Geography, Ramanujan Bhawan, CBLU Bhiwani, Prem Nagar, Haryana, including training of five staff members for two days at site.
6. The bidder must be a proprietorship firm, partnership firm or company and no consortium shall be allowed, and the bidder must have at least three years of existence supported by relevant documentary evidence.
7. The bidder should not be under liquidation, court receivership or similar proceedings and must submit an undertaking to this effect along with a notarized certificate confirming that the firm has not been blacklisted by any Central/State Government organization, PSU, University or Institute in the past three years.
8. The bidder must have a minimum average annual turnover of Rs. 50 lakhs during the last three financial years i.e. FY 2022-23, FY 2023-24 and FY 2024-25, supported by audited financial statements and CA certificate with UDIN, and the OEM must have a minimum average annual turnover of Rs. 1 crore during the same period with supporting certification.

9. Relaxations for MSEs and startups regarding experience and turnover shall be applicable as per Government of India norms subject to submission of valid supporting documents.
10. The bidder must submit bid-specific authorization from the OEM for all quoted products, and to avoid compatibility and integration issues, the OEM for Interactive Panel, OPS/Micro PC, Webcam and DTD Cabinet should be the same.
11. All quoted products must comply with BIS certification requirements under Scheme-II and must be verifiable online, and the manufacturing facility of the OEM must be located in India as per applicable standards.
12. The Interactive Panel must have a valid BIS license for at least three years prior to the bid, and similarly the Webcam and DTD Cabinet must have BIS certification of at least three years, while the OPS/Micro PC must also be BIS compliant.
13. All IT equipment supplied must be IPv6 ready from the date of installation, and technical datasheets or catalogues of the quoted products must be submitted along with the technical bid, failing which the bid shall be rejected.
14. Only Class-I and Class-II local suppliers under the Make in India initiative with minimum 20% local content shall be eligible to participate, and the bidder must submit a certificate indicating the percentage of local content along with details of value addition locations, and such certification shall also be required with each invoice as per Public Procurement (Preference to Make in India) order by Department for Promotion of Industry and Internal Trade, Government of India.
15. Any false declaration regarding local content or submission of incorrect documents shall attract penal action as per Government of India procurement policies.
16. The delivery, installation, testing and commissioning of all equipment must be completed within 30 days from the date of issue of the supply order, failing which EMD may be forfeited and the vendor may be blacklisted or debarred from future business with the University.
17. Installation, commissioning, testing, configuration and training shall be carried out by the OEM or OEM authorized personnel only, and the bidder must ensure proper execution of all services under the scope of supply.
18. The material supplied shall be subject to inspection by the Purchase Committee nominated by the University, and acceptance shall be based on satisfactory inspection and verification of specifications, and the University reserves the right to increase or decrease the quantity as per requirement.

19. The University generally follows a policy of making full payment subject to satisfactory receipt and inspection; however, 90% of the payment shall be released within 15 days of delivery and the remaining 10% shall be released within 15 days after successful installation and commissioning, subject to applicable GeM payment provisions up to 45 days from CRAC.
20. The goods supplied must carry a minimum three-year onsite warranty covering delivery, installation, training and maintenance, and OEM warranty certificates must be submitted at the time of delivery, and the supplier shall ensure prompt rectification of any defects during the warranty period without additional cost.
21. The bidder may be required to provide a detailed technical demonstration of all quoted products within four to five days of notice, and failure to comply shall result in rejection of the bid, and any mismatch between submitted datasheets and quoted specifications shall lead to disqualification.
22. The bidder shall comply with all applicable labour laws and codes of the Government of India relating to wages, social security, safety, working conditions and industrial relations, and any non-compliance shall be treated as breach of contract.
23. The supplier shall ensure that invoices are raised in the name of the consignee with correct GSTIN details, and GST reimbursement shall be as per actuals or quoted rates whichever is lower.
24. The bid shall be processed under a two-bid system comprising technical and financial evaluation, and reverse auction may be conducted among technically qualified bidders as per GeM norms, and the bid validity shall be 180 days from the closing date.
25. In case the supplier fails to execute the supply order in accordance with the agreed terms and conditions within the stipulated period, the University shall have the right to initiate action including forfeiture of EMD, blacklisting, debarment from future tenders and any other action deemed appropriate.
26. Submission of incomplete bids or failure to provide required documents including OEM authorization, BIS certificates, technical datasheets, turnover certificates, audited financial statements, experience certificates, local content certificate, non-blacklisting affidavit and compliance statements shall lead to rejection of the bid.

27. Documents Required from Seller:

- i. Experience Criteria
- ii. Past Performance
- iii. Bidder Turnover
- iv. Certificate (Requested in ATC)
- v. OEM Authorization Certificate
- vi. OEM Annual Turnover
- vii. Compliance of BoQ specification and supporting document

28. Along with these terms and conditions, those specified in Bid No. GeM/2026/B/7457087 dated 23/04/2026 uploaded on the GeM portal shall also be applicable. Bidders are advised to go through the same carefully before submitting their bids. In case of any clarification or conflict, the terms and conditions specified in the said GeM Bid shall prevail and be considered final.

29. All disputes arising out of this tender shall be subject to the jurisdiction of Bhiwani, Haryana, and the decision of the University authorities shall be final and binding on all parties.

**In-Charge
Department of Geography
CBLU, Bhiwani**

CC: 1. PA to Registrar, (for kind information of worthy Registrar), CBLU, Bhiwani
2. In-charge Computer Centre, CBLU Bhiwani with a request to upload the NIQ on university website.