

JAGANNATH KISHORE COLLEGE, PURULIA OFFICE OF THE PRINCIPAL

PO + DISTRICT - PURULIA, PIN - 723101

Website: www.jkcprl.ac.in | Email: jkcp.1948@gmail.com

Ref No: NIT-06/JKC/2025-26 **Date:** 25.09.2025

E-TENDER NOTICE

- 1. The Principal, J. K. College, Purulia invites e-Tenders for **Purchase of Computers, Projector, Smart Board, NAS and other IT Equipment** for Administrative Office at Purulia. The tentative quantity and technical configurations of each item are provided in **Annexure-1**.
- 2. The tender will be processed through the Government of West Bengal e-Procurement Portal: https://wbtenders.gov.in.
- 3. The tender should be submitted in **two-cover system**:
 - Technical Bid
 - o Financial Bid

4. Important Dates

Sl. No.	Milestone	Date	Time
1	Publishing Date	25.09.2025	04:00 PM
2	Document Download Start Date	25.09.2025	04:30 PM
3	Bid Submission Start Date	25.09.2025	04:30 PM
4	Bid Submission End Date	20.10.2025	05:00 PM
5	Technical Bid Opening Date	23.10.2025	11:00 AM
6	Financial Bid Opening Date	After opening of Te	chnical Bid

5. Earnest Money Deposit (EMD):

Earnest Money of ₹10,000/- (Rupees Ten Thousand only) is to be deposited online in favour of "Principal, J. K. College, Purulia" via Net banking (any of the banks listed in the ICICI Bank Payment gateway) in case of payment through ICICI Bank Payment Gateway or in Bank Draft in favour of: Principal JK College, Purulia", IFSC Code-IDIB000P063 A/C No-539846803 through RTGS/NEFT/CBS system.

The Package number and UTR number should be clearly mentioned on the deposit challan only, otherwise will be rejected.

EMD of the successful bidder will be converted to a Security Deposit and refunded after 6 months of successful performance. No interest is payable on EMD.

6. Eligibility Criteria:

- a) The bidder must be a technically and financially sound firm with experience in supplying similar IT equipment in Government/Semi-Government/Autonomous Bodies.
- **b)** The bidder must have successfully completed within the last 5 years:
 - o Three similar works each \geq 50% of the estimated cost **OR**
 - Two similar works each \geq 60% of the estimated cost **OR**
 - o One similar work $\geq 80\%$ of the estimated cost.
- c) Must have valid Trade License, PAN, GST Registration, and Professional Tax Clearance Certificate.
- **d)** Must submit audited balance sheet & profit-loss account for last 3 financial years (average turnover $\geq ₹10$ lakhs).
- e) Must submit manufacturer's authorization certificate for the quoted items.
- f) Must declare they are not blacklisted and no legal/CBI/EPF/ESI/IT/GST cases are pending.
- g) Joint ventures/consortiums are not allowed.

7. Price:

- o Prices must be quoted **inclusive of all taxes**, **duties**, **freight**, **installation**, **and other charges** in Indian Rupees only.
- o No escalation will be allowed during the contract period.

8. Payment:

- o 100% payment after successful delivery, installation, and acceptance, subject to deduction of 10% security deposit and applicable taxes.
- o Security deposit will be refunded after 6 months of satisfactory performance.

9. Delivery Schedule:

o Items must be delivered and installed within **15 days** of issue of Purchase Order at J. K. College, Purulia, West Bengal.

10. Arbitration:

 Any dispute will be referred to the sole arbitration of an officer appointed as per Government of West Bengal norms.

11. Fraud and Corruption:

o Bidders must observe the highest standard of ethics and avoid corrupt, fraudulent, collusive, coercive or obstructive practices.

12. Award of Contract:

o The contract will be awarded to the bidder whose bid is technically responsive and has offered the *lowest evaluated cost (L1)*. The college reserves the right to split orders or reject any or all bids without assigning reasons.

13. Installation, Support & Maintenance:

Clause 13.1: Installation & Support Services

The bidder shall be responsible for carrying out timely installation of the supplied equipment/materials and shall provide comprehensive on-site support services as and when required during the contract period.

Clause 13.2: Warranty Support

The bidder shall provide at least minimum warranty of 3(three) years from the date of installation. During the warranty period, all defects, breakdowns, or failures shall be attended to promptly at no additional cost to the Purchaser.

Clause 13.3: Response Time

The bidder shall ensure that any complaint or service request is attended to within 24(twenty four) hours of intimation. In case the issue is not resolved within 3(three) working days, suitable standby/replacement equipment shall be provided.

Clause 13.4: Preventive Maintenance

The bidder shall carry out preventive maintenance of the supplied equipment/materials at least 2(two) times per year during the warranty/AMC period to ensure proper functioning and longevity.

Clause 13.5: Training & Handover

The bidder shall provide necessary training to the designated staff of the Purchaser for proper operation and basic troubleshooting of the supplied equipment/materials. A formal handover report shall be submitted after installation and training.

14. Special Conditions:

- o No advance payment will be made.
- o Damaged or unapproved goods will be returned at bidder's cost.
- Failure to supply within the stipulated period may result in purchase from other sources at bidder's risk.
- The bidder must provide quick backup service; in case of failure, replacement should be made within 48 hours.

Sd/-Principal J. K. College, Purulia

ANNEXTURE -1

TECHNICAL SPECIFICATIONS

Sl. No.	Item	Brand	Description Description	Requirement (Approximate numbers)
1	Business / Commercial Desktop Tower model (with Keyboard & Mouse, Monitor)	HP / Dell / Lenovo	Processor: Intel Core i7 / Intel Core i5 / Intel Core i3 Processor's Generation: 13th Generation or higher RAM: At least 16GB DDR4/DDR5 Storage: 1 TB NVME M.2 SSD Graphics: Integrated Intel graphics Network Interface: Integrated 10/100/1000 GbE LAN, WiFi 6 or higher Sound: Integrated audio controller with internal speaker and support 5.1-Channel HD audio I/O Interface & Ports: 1 x HDMI Port, 1 x VGA Port, 6 x USB 2.0 Port, 2 x 3.2 USB Port, 1 x RJ45 Port, 1 x Type C Port, 1 x 3-in-1 Audio, 3 x SATA 3.0, 1 x Front Audio Controller, 1 x Front Panel Connector Expansion Slot: At least 2 x PCI/PCIe slot, At least 2 x M.2 Slot OS Support (64 bit): Windows 11 pro Input Devices: Wired Keyboard & Mouse (combo pack of same OEM brand & OEM logo) Monitor (Same OEM brand & OEM logo): Screen Size: 19.5 inches (diagonal) Aspect Ratio: 16:9 Resolution: 1600 × 900 (HD) or higher Panel Type: TN or VA (rarely IPS) Brightness: At least 200–250 nits Contrast Ratio: 60:1 to 1000:1 Refresh Rate: 60 Hz or more Response Time: 5 ms to 10 ms (GTG) Viewing Angles: 90°–160° (horizontal) Connectivity Ports: VGA (D-Sub), HDMI with TCO and BIS Certified Audio: Usually, no speakers Mounting: VESA 100×100 mm supported Power Consumption: 12–20 Watts (typical) Weight: 2.5–3.5 kg Color: Black Included Accessories: HDMI Cable, VGA cable, Power adapter	50 (Fifty)
2	Operating System	Microsoft Windows	As per <i>HP / Dell / Lenovo Business / Commercial Desktop</i> Specification and/or Recommendation (Paper License)	70 (Seventy)
3	NAS (With Disk)	Synology / Western Digital	Capable of Hardware Encryption and Transcoding (i.e. H.264 (AVC), H.265 (HEVC), MPEG-2 and VC-1; maximum resolution: 4K (4096 x 2160); maximum frame rate per second (FPS): 30 etc.) CPU: Quad Core CPU Architecture: 64-bit Memory: At least 16 GB Storage: Drive Bays (should be expandable): At least 8 (Compatible with 3.5" or 2.5" SATA HDD or 2.5" SATA SSD Hot Swappable capacities. Max. internal raw capacity: Support Up to 160 TB Supported RAID Type: JBOD, RAID 0, 1, 5, 6, 10 SSD Caching: M.2 NVMe SSD slots (2 or more) Network: Dual 2.5 GbE or 10 GbE LAN Ports, Link Aggregation support External Port: USB 3.2 Gen 1/2, eSATA Port File System Support: Btrfs, EXT4, EXT3, FAT, NTFS, HFS+, exFAT etc. High File Sharing Capacity, Capable of Virtualization All network supported protocol, Security, Advance Features toolsetc. NB: Advance feature should be there and must be describe for better requirement for the Institute.	

			A. Whiteboard Surface	
			Type: Ceramic or Matte Steel Whiteboard	
			Size: 78" diagonal (approx. 4 ft x 6 ft)	20 (Twenty)
			Surface Type: Non-reflective, marker-friendly, anti-glare	
			Mounting: Wall mount with aluminium frame	
			Interactive Capability: Works with IR sensor or smart pen system	
			B. Ultra Short Throw Projector	
			Projection Type: Ultra Short Throw (UST) or Short Throw Light Source: Laser	
			Bright source: Laser Brightness: 3,300 – 4,000 ANSI Lumens	
			Resolution: XGA (1024×768) or WXGA (1280×800) or Full HD	
			Technology: 3LCD / DLP	
			Throw Ratio: 0.3:1 or better (100" screen from ~30 cm)	
			Input Ports: 10,000 – 20,000 hours (eco mode) Connectivity: VGA, HDMI, Wireless connectivity with wireless	
			device from same OEM	
			Mounting: Wall arm mount (above whiteboard)	
			C. Interactive System / Sensor	
			Type: IR-based smart sensor OR camera-based pen tracking	
	Smart board	Those who	Touch Point: 1-4 point	
4	system with	meet the	I/P Device: Wireless digital pen or stylus and finger	
	projector	specifications	S/W Included: Interactive board s/w, annotation s/w, screen capture, handwriting recognition	
			Connectivity: USB	
			Calibration: Automatic / manual via software	
			OS Support: Windows 10 or 11	
			So Support Hilliams To of TI	
			D. Audio System	
			2 x 15w wall-mounted speakers or soundbar	
			Standard Inclusions in Package:	
			 Ultra short throw projector with wall mount 78" matte whiteboard 	
			Smart sensor/pen kit	
			Software CD / license (annotation tools)	
			• Cables (HDMI, USB, power)	
			Wall mount hardware for board & projector	
			Installation guide/manual	
			E. Warranty:	
			• The warranty period for the projection system along with the light	
			source shall be a minimum of 3(three) years.	
			CDV L 1 C IV T (C 1 A) VI NDV L 40 TODG C AV	
			CPU: Intel Core Ultra 7 (Series 2), with NPU up to ~48 TOPS for AI acceleration / Intel Core Ultra 5 120U (10-core)	5 (Five)
			Graphics: Intel integrated	3 (1146)
			Memory: Up to 32 GB DDR5	
_	_	HP/Dell/	Storage: Up to 2 TB PCIe NVMe M.2 SSD	
5	Laptop	Lenovo	Display : 14" 2,560×1,600 WLED+, 120 Hz refresh rate, touch optional Battery: Long live Up to ~22 hours, portable build with Windows Copilot	
			key	
			Target users: Executives and enterprise environments needing strong	
			built-in security and AI capabilities	
		1	Four Footon III or 211 Dodgwoont / Jan and Jing and an annual 111 or 211 Dodgwoont	
			Form Factor: 1U or 2U Rackmount (depending on space and cooling) CPU: Intel Xeon latest Gen (up to 144 cores)	2 (Two)
			RAM: 64 GB DDR4 ECC RAM (Expandable to 512 GB or 1 TB)	2 (INO)
			Storage (Primary): 2× 1 TB SSD (RAID 1) for OS and software	
			Storage (Data): 4× 2 TB HDD (RAID 10 or 5) for file storage, LMS data	
6	Rack Mount	HP/Dell/	RAID Controller: Hardware RAID with cache (PERC H755 / HPE Smart Array P408i)	
"	Server	Lenovo	Network: 2× 1GbE Ethernet + 1× 10GbE SFP+ (optional)	
			Power Supply: Dual Redundant 550W–800W PSUs	
			Remote management: iDRAC / iLO / Lenovo XClarity	
			OS: Windows Server 2022 / Windows Server 2025 Expansion: PCIe Gen4 slots for 10GbE NIC or GPU acceleration	
			Expansion, 1 etc delit stots for 1900E file of Of 0 acceleration	
	Smart Board	Samsung / BenQ /	Screen Size: 86" (standard sizes for education/office use)	
			Display Type: LED or DLED panel with 4K UHD resolution	4 (Four)
			Resolution: 3840 × 2160 (4K) for modern smart boards Touch Technology: Infrared (IR), Capacitive, or Optical Touch; supports	
			10–40 point multi-touch	
7		ViewSonic /	Writing Technology: Infrared (IR), Capacitive, or Optical Touch; supports	
		LG / Globus /	10–40 point multi-touch	
		EKIN	Writing Tools: Stylus (usually 2 pens), finger touch; supports dual pen writing and gesture recognition	
			OS: Built-in Android OS (version 11 or 13); optional Windows OPS slot	
			(i5/i7 CPU)	
		·		

RAM/Storage (Android): 4–8 GB RAM, 32–128 GB Sto	
Connectivity Ports: HDMI (2–3), VGA, USB-A/B/C, RJ4	5 LAN, Audio
Out, RS232, SPDIF, Touch USB	
Wi-Fi: Dual-band Wi-Fi + Bluetooth 5.0	
Built-in Features: Whiteboard app, wireless screen sharin	g, annotation
tools, file viewer, screen recording	
Speaker Output: 2 × 15W or 20W front-facing stereo spe	akers
Camera & Mic (optional): Some models include 4K cam	
beamforming mic array for conferencing	,
S/W Support: Smart classroom tools, remote management	(e.g., EShare,
Smart Note, etc.)	
Mounting Option: Wall mount (standard); optional floor s	tand or mobile
trolley	
Power Supply: AC 100–240V, 50/60Hz (standard Indian s	ockets)
Lifespan: 30,000–50,000 hours LED panel life	,
The state of the s	
Certification: The proposed smart board shall be	Google EDLA
(Enterprise Device Licensing Agreement) certified, e	
unrestricted access to the Google Play Store. Non-EDLA	
boards will not be accepted under any circumstances.	
our as war not be accepted under they circumstances.	

Bid Specific Additional Terms and Conditions						
Sl. No.	Requirement	Details	Mandatory Submission			
1	OEM Authorization Certificate (MAF)	Must be bid-specific, duly ink-signed and stamped by the OEM. The certificate must clearly mention the bid number and date.	OEM Letterhead, Signed & Stamped			
2	Uniformity of OEM Components	CPU, Monitor, Wired Keyboard, and Mouse, Laptops, Projector, NAS, Smart-board etc. must be from the same OEM. All components should bear the OEM's official logo.	OEM Confirmation / Compliance Certificate			
3	Warranty Requirements	Desktop computers, Laptops, Projectors, NAS, Smartboard, Server etc. must carry 3 years comprehensive onsite warranty from the date of installation and commissioning. A declaration must be provided.	OEM Letterhead, Signed, Sealed, with Bid No. & Date			
4	Absence of Malicious Code	OEM must certify that the products are free from any malicious code. Certificate must include bid number and date.	OEM Letterhead, Signed & Stamped			
5	Product Compliance Certificate	Certificate confirming compliance with specifications. Must mention bid number and date, duly signed and sealed.	OEM Letterhead, Signed & Sealed			
6	Product Datasheet	Datasheet of the offered products must be uploaded with the bid, duly signed and stamped.	Signed & Stamped Datasheet			
7	7 Technical Parameters Offered products must strictly match the specified technical configuration. Any mismatch will result in bid rejection . Declaration of Comparison					
8 OEM Certification FCC, CE, RoHS, UL, EPEAT, Energy Star, ISO 9001, 14001, Top 3 OEM as per Report						

Sd/-Principal J.K.College, Purulia

ANNEXURE - 2

Proforma for Technical Bid

Sl. No	Particulars	Information
1	Name of the Firm & Owner: (with Telephone/Mobile Numbers, email)	
2	Type of Organisation (Proprietorship/Partnership/Pvt. Ltd./Limited Company) Month/Year of Establishment	
3	Website of Bidder, if any	
4	Month/Year of Establishment	
5	PAN/Sales Tax/ GST Regd. Nos.	
6	Annual Turnover 2024-25	
7	Whether product(s) offered by the bidders are exactly as per the configuration of J. K. College. If not, indicate the changes in each product	
8	Clientele (submit copies)	
9	Validity of Tender	
10	Whether Terms & Conditions issued by J. K. College are acceptable to the Firm	
11	Whether Warranty as per the desired specification	

	11	Whether Warranty specification	as	per	the	desired	
Γ	ate:						
N	lame:						Signature of Owner/Authorized Representative
Γ	esign	ation:					