



# VIVEKANANDA COLLEGE

GOVT. AIDED COLLEGE

[UGC 2 f and 12 B Affiliated]

ASSESSED AND ACCREDITED WITH "B" GRADE BY NAAC IN 2024 CYCLE I

Estd: 1985

P.O. ALIPURDUAR, DIST: ALIPURDUAR

Pin: 736121 Phone & FAX: 03564-274705

E-mail: [vcalipurduar@gmail.com](mailto:vcalipurduar@gmail.com)

Visit us at: <http://www.vivekanandacollegealipurduar.ac.in>

Ref. 224(B)/VC/MIS

Date- 28. 01. 2026

## QUOTATION

(For hiring Manpower for one year)

Sealed quotations are invited from Bonafide firms for "hiring a manpower", Quotation for the hiring a manpower at the College campus Vivekananda College, Alipurduar so as to reach this office of the undersigned on or before **20.02.2026** by 2:00 PM at the latest. Following specifications are required to be matched for the aforesaid products.

Qualified and trained manpower required to operate, manage, and support the Interactive Touch Panel installed in the conference room. The manpower shall ensure smooth functioning during meetings, presentations, video conferences, and collaborative sessions for 1 year.

Lowest rate will be accepted only. **Rate should be quoted for each item wise.** Quoted rate should include the Basic Price, GST and installation charges separately. Updated TR licenses, PAN Card, GST certificate with proprietary signature are necessary to submit. Other terms and conditions as per Govt. rules should be maintained. All quotations will be submitted on or before due date at the Office of the undersigned. Rate should not exceed over MRP.

Interested agencies/firms should apply to the Principal, Vivekananda College, Alipurduar, P.O. and District Alipurduar, Pin 736121 within quotation and hard copy of all required documents and credentials (if any) **within 20.02.2026 at 2:00 PM.**

The undersigned has the right to reject or to accept any quotation without assigning reason what so ever.

  
Principal

*Dr. Srijit Das*  
Principal  
Vivekananda College (Govt.-Aided College)  
Alipurduar-736121



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Ref. 224(A)/VC/MIS

Date- 28.01.2026

## QUOTATION

(For the purchase and installation of 75" Interactive Touch Panel)

Sealed quotations are invited from bonafide firms for the purchase and installation of " **Interactive Touch Panel** " of subscription "Quotation for the purchase and installation of Interactive Touch Panel " at the College campus Vivekananda College, Alipurduar so as to reach this office of the undersigned on or before **20.02.2026** by 2:00 PM at the latest. Following specifications are required to be matched for the aforesaid products.

Display size (Diagonal)	75"
Display colour	8 bit-16 million colours or better
Viewing Angle	Horizontal 178 degrees, Vertical 178 degrees or better
Resolution	3840 X 2160 or higher
Technology	DLED Backlight (IPS)
Aspect Ratio	16:9 or better
Contrast Ratio	5000:1 or higher
Brightness	450 Nits or higher
LED Lifespan	>=50000 Hrs
Display Response Time	<=2 ms
Input Ports (Minimum)	HDMI x 3, RGB/VGA x 1, Audio x 1, PC slot x 1, R5232x1,
Output Ports (Minimum)	Audio (Earphone out) x 1, SPDIF x1,
USB Ports (Minimum)	USB 2.0 Type A x 2, USB 3.0 Type A x 4, USB 2.0 Type 8 for Touch x 2
Communication port	R145 x 1 Gigabit LAN Port
Speakers	40 W (20W x 2) speakers or Higher
Touch Technology	Optical Touch (+- 3 mm or better) with IR or better
Touch Resolution	32767 x 32767 or better
Touch Points	20 Points or Higher
Toughened Glass Thickness	3.2mm or Less
Toughened Glass Surface coating Hardness	Anti-Glare & Anti Scratch with Minimum MoHS Level 9H hardness, scratch resistant
Gap Between Glass & Screen	Zero gap with Air bonding, for accuracy
Built-in Wi-fi	Should have inbuilt Dual band Wi-fi (2.4 & 5.0 GHz)

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Principal



Built-in Hotspot	Should have Inbuilt Hotspot with internet sharing across the connected devices
Built-in Bluetooth	Should have inbuilt Bluetooth version 5.0 or latest
CPU	Octa Core ARM Cortex™ A55 x 8
GPU	Mali G52 MC1
Memory	8 GB DDR3/DDR4 or Higher
Storage	128 GB or Higher and expandable.
OS	Android 14 or Better
<b>Software Features</b>	

AI Lesson Plan Generator as per Indian Curriculum CBSE /NCERT & other curriculum Guidelines.

Lesson structured as per 5E methodology with multi media content.

Lesson Output directly on whiteboard

AI Document Based Content Creator: Summarise / chat / generate questions from any pdf / digital books.

AI YouTube Video Based Content Creator: Summarise / chat / generate questions any online video.

AI YouTube Image Based Content Creator: Summarise / chat / generate questions any online video.

AI Based Chat with Document. gives detailed insights, Summary, Quiz, and explanation on any topic.

AI based mathematics Equation Solve and Explain all the steps to solve.

AI Quiz Generator: Generate Quiz on any online video, document, and image or any topic as per curriculum.

AI Chemical Equation solver, and explanation .

AI Image Generator: Generate Image using any text as description, or draw a rough sketch to generate.

Create Lessons / Questions in 80+ languages

Supports content translation in multiple languages

Supports text read out in multiple languages

AI Class recording - Teachers can record the classes, and automatically create class summary, and questions from them.

AI Auto object recognition - Teachers can draw any object, AI will recognise and share multiple object patterns relevant to the shape.

AI Chat Assistance for teachers - Teachers can ask any question to get AI-based assistance. Like creating activities, projects and many more. Real-time data with information & sources.

Writing Tools: (Pen, thickness of pen, colours of pen, Pixels eraser and Region eraser, Shapes (Circle, Triangle, Rectangle, arrows)

AI based Circle to search, draw a quick circle on any part of image to generate key concepts related to that part of image.

Complete access to NCERT books (indexed Class wise, Subject wise, & Chapter wise)

Intelligent touch Detection: Rejection of Palm and accidental touches, while writing, while seamlessly maintaining gesture of palm detection for eraser, and multi-touch to zoom and pan the whiteboard canvas. without the need to manually toggle between different tools like Pen, eraser and select tool.



Presentation Tools: Screen Curtain, Spotlight, Presentation mode (to show minimum tools)
Productivity Tools: Multi-Media import, (Docs, sheets, PDF, slides), Stopwatch & Document Scanner, Snipping tool
STEM Tools 3D Lab: Built in Interactive 3D Lab, for Explaining Science / Maths Concept.
Simulation Lab: Built in interactive virtual Simulation Lab for showing Science experiments,
Maths Tools: Protractor, Ruler and compass, 3D Shapes, Math Recognition for solving equations and formulas,
Infinite canvas with multi writing and palm erasing gesture support
Background Tools: Grid, Lines, White board multiple colours, and use picture, shape),
Edit: Redo/Undo, Next/Previous, Select & Drag option, Switching between single touch and multiple touch,
Clear screen, List of pages with deleting option,
Multiscreen (divide board In 2,3,and 4 parts with background colour and different pen colour), on screen annotation.
Interactive software of the Interactive Display should detect the Visual Presenter/Visualiser and should be able to annotate on the image captured by the Visual Presenter/
Student Response System: Ability to track student response via fiducial markers
Hybrid Class & Remote Class: Live Virtual Teaching using Audio & Video, integrated inside whiteboard, Conduct live chat, and polling during live class.
Teacher can Control, enable & disable Audio and video of remote students, Live Multi Student Collaboration with Live cursor tracking, Teacher Can manage & control Writing permissions for students
Wireless File Receiving & Sharing: Receive files wirelessly from mobile, Laptop and must be able to share Lesson as Pdf via QR Code or global access code
Should have built in software application, for active learning games.
Cloud storage for accessing stored lessons.

#### **Wireless screen sharing:**

Interactive display should allow user to share/mirror the content of Laptop/Desktop (Windows & MacOS) and mobile device (Android & iOS) wirelessly and
Must Support up to 4 Multiple screens at same time with casting app
Must have Native Support for Airplay & Miracast without installing any casting on client device App

#### **Androids OS Features:**

Quick access tool: Floating Tool should be available on all screens for quick access tools and the same should be customized as per user requirement.
Play Store Support: Should have Built in Google Play store to download applications direct from Play store
YouTube: Should have Built in YouTube application and should support up to 4K resolution.

*Srijit Das*  
**Srijit Das**  
Principal



Software based Video conferencing: Device should support software-based VC with internal android platform like Google meet, Cisco Webex, Skype, Microsoft teams & zoom applications.
Multiple controlling menu: Should have Multi Controlling menu including Side menu, floating menu and pull up menu.
Gesture Control: Should have gesture control like Hold five fingers on screen for interactive display sleep mode, hold and move three fingers on screen for Floating menu & swipe the screen Upside for Pull up menu control.
Split Screen: Interactive display should have an inbuilt split screen. Users should be able to split the screen to operate multitasks like play a video in half of the screen and open the whiteboard in the other half side.
Smart USB Port: All USB 3.0 port should support Smart USB sharing for Android, Internal PC or other External PC / Device
Multilanguage GUI: Device should have GUI interface in both Hindi and English Language
Virtual Keyboard: Device should have inbuilt virtual keyboard with English & Hindi writing support.
Screen Recording: Should have built in Screen recording feature supports up to full HD resolutions or better
Screen Shots Should have built-in screen shot option using single click
Sound enhancement: Should have inbuilt Volume equalizer and surround sound support to enhance the sound quality.
Blue light Filter for Eye Protection, with Dedicated physical button in front.

### Others

Touch On/Off Button	Should have provision for Touch On/Off on front of Display
Accessories	AC Power cord, User Manual, Remote control with Required Cell, USB interface cable, Two Stylus, Wall mount bracket, 10MTR HDMI2.0 Cable, CAT LAN Cable 5 Mtr x2
Voltage	100 V ~ 240 V/AC, 50/60 Hz
Max Power Consumption	≤230W
Standby Power Consumption	< 0.5 W or Better
Panel Certificates	BIS, RoHS, CE, FCC, NSIC
	Digital Signage CMS should supports secure multi-format content management with intelligent scheduling (geo-location, weather, time-based) and interactive data

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Principal

	integration (CSV, JSON, RSS, dashboards). It should provides enterprise-grade security with SSO, 2FA, role-based access, and full audit trails. The solution should ensures scalable deployment via Docker, cloud, self-hosted models with automated backup and load balancing. Cross-platform players like Android, Windows, webOS, Tizen should be supported with offline playback, proof-of-play, and real-time monitoring. The brand should be registered in India.
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OEM CRITERIA
1. OEM Authorization: Bidders must submit an authorization letter specific to the tender, mentioning the bid number. Bids without this will be rejected.
2. Service Center Requirement: OEMs manufacturing teaching equipment like panel must have an have a functional service center in West Bengal for at least 7 years.
3. No Blacklisting: Bidders and OEMs must not be blacklisted by any government entity, PSU, or university. A declaration on the bidder's letterhead is required.
<b>Certifications</b>
4. The 65 -inch panel OEM must hold the following certifications: BIS, ROHS, FCC, CE, E-waste, and UL,MIL. And ISOs like Iso 44001:2017 ISO 50001:2018 ISO 45001:2018 ISO 27001:2013 ISO /IEC 20000-1:2018 ISO 18001:2007 ISO 14001:2015 ISO 9001:2015
7 All relevant certificates must be submitted with the bid.
8. Component Integration: All components must be from the same OEM to ensure better integration, with BIS certification.
9. Country of Origin: The panel's country of origin must not be from nations sharing a land border with India, as per DPIIT guidelines. Supporting documents (MIL, NSIC, etc.) must be provided.
10. Turnover Requirement: OEMs manufacturing teaching equipment like Panels must have an average annual turnover of ₹23 crores for the financial years 2022-23, 2023-24, and 2024-25. They must also have a functional service centre in India for at least 7 years.
11. Software Compatibility: Hardware and writing software must be sourced from the same OEM.

*Srijit Das*

**Dr. Srijit Das**  
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