OFFICE OF THE PRINCIPAL

SRIKISHAN SARDA COLLEGE

(Affiliated to Assam University & 'A' Grade Re-accredited with CGPA -3.12 by NAAC)

ESTD – 1950

P.O HAILAKANDI, Dist. – HAILAKANDI, PIN – 788 151 (ASSAM)

URL: www.sscollegehkd.ac.in   E.mail : sscollege@sscollegehkd.ac.in

Phone/Fax No. (03844) 222409

Ref: SS/QUOT/2024/ 286   Date: -22-10-2024

NOTICE INVITING QUOTATION

Sealed quotation in two bid system is invited in plain paper for supply of Smart Board, Desktop for the Class Room & Library and Spare Parts of Computer and repairing of computers for language laboratory and for S.S. College, Hailakandi to be received up to 6th November, 2024 till 2 P:M by the office of the undersigned & will be opened on the same date & time. If the date for receiving quotation falls on Holiday/ Bandh the quotation will be received on next working day.

Group – A (Smart Board)

1. Interactive Flat Panel Display (Specification as per Annexure-I)

Group – B (Spare Parts & Repairing of Computer)

1. Processor: I3 3rd/4th Generation
2. Compatible Mother Board (Asus/ Gigabyte)
3. SSD-256 GB,
4. 4 GB RAM,
5. 19" Monitor
6. Keyboard and Mouse
7. Wired On Ear Headphones With Mic
8. 42" 4k Android TV

9. *Repairing of Computers (31 PC)*

Group – C (Desktop Computer)

1. Desktop Computer with Monitor, Keyboard and Mouse
(Processor: I5 12th /13th Generation
SSD-512 GB, 8 GB / 16 GB RAM, 19" Monitor)

2. Desktop Computer with Monitor, Keyboard and Mouse
(Processor: I3 12th Generation
SSD-512 GB, 8 GB RAM, 24" Monitor)

Group – D (Digital Podium)

1. Digital Podium
(CRCA Steel Body, Centralized Lock Mechanism, Inbuilt PC, Amplifier and Phantom power, Waited and Wireless Microphone, Power Socket for Mobile & Laptop Charging)

Terms and conditions:

1. Group wise separate quotation should be submitted.
2. For IFPD Security Money of Rs. 30000.00 in DD / Call Deposit in favour of Principal, S.S. College, Hailakandi is to be submitted along with the quotation for 1 year.
3. Minimum AMC for IFPD is to be 5 (Five) Years.
4. Rate should be quoted in words and figure clearly.
5. Products should be supported with brand name and documents.
6. Rates should be quoted inclusive spot delivery (Srikishan Sarda College, Hailakandi).
7. The rate should be inclusive of taxes and applicable tax should be clearly indicated separately.
8. 1% TDS will be deduct at the time of payment by the college.
9. 2 % of GST will be deduct at the time of payment by the college if amount exceed 2.5 laks within this financial year

(Hilal Uddin Laskar)
Principal i/c
S.S. College, Hailakandi

Principal-in-charge
S.S. College Hailakandi

Copy to:

1. Notice Board.
2. College Website
3. Gard File.

Interactive Flat Panel Display(IFPD)

S.No	Features	Specifications
1	Screen Size	75"or Higher
2	Native Resolution	3840*2160 (UHD)
3	Brightness	350 cd/m2 or Higher
4	Contrast Ratio	1100:1 IPS / 5000:1VA
5	Viewing Angle (H*V)	178*178
6	Response time	6 ms or lower
7	Backlight	DLED
8	Work life	30000 hours or better
9	Display color	1.07 billion colors
10	Surface Treatment	Hard coating, Anti-glare treatment of the front polarizer, Scratch Resistant
11	Front Interface & Buttons	Wi-Fi Enabled Screen Mirroring optional (1 X Type C
12	Ports	2 x HDMI IN, AV IN X 1, RS232 X 1, VGA IN X 1, VGA AUDIO IN X 1, SPDIF Out X 1, Earphone X 1, MIC X 1, USB 2.0 X 1, USB 3.0 X 4, DPI.2 x 1, Type-C x 1, RJ45, OPS slot
13	Network & Bluetooth	Wi-Fi dual-ban 5, BT 5.0
14	Touch Surface Technology	Infrared touch technology
15	Accuracy	1 mm or less
16	Interface	USB 2.0
17	Protection Glass Thickness	4T (Anti-glare)
18	CPU	Processor: ARM Cortex-A55 4 Core 2100 MHz or higher Graphics: Mali G52MP2 or higher Memory: 3GB DDR3 or higher Storage :32 GB or higher
19	Compatibility	Windows 11 (Pro)
20	Multi Touch Point	Min 20 Points or Higher
21	Embedded Interactive White Board Software	PC Less interactive whiteboard mode feature for teaching. Should support dual-pen writing and dual-color display at the same time, with smart tools, making it easier for multiple people to collaborate.
22	Interactive Features	Should have Zero bonding technology, low parallax writing & wider viewing angle. Should have features like eye protection, screen lock, touch lock etc. OP SSIot Writing, Pen, Palm Eraser, Save, Spotlight Screen Capture,Storage Toolbar etc.

23	Built-in Standard OS	Android 13.0 or higher/ Compatible.
24	Media Share	Screen Share/ Mira Cast to connect TAB/Mobile, Web Browser
25	Speakers	Built -in 2*20w
25	Power Supply	100- 240V~,50/60 Hz
26	Power Consumption (Type)	260/300 Watt or less
27	Quality Certifications of Products	BIS, RoHS, CE, FCC, ISO 9001:1, ISO 27001:1, ISO 14001, GMP,IS045000:1
28	Accessory	Remote Controller (include battery), Power Cord, QSG, Regulation book, Touch Pen (2)
29	Warranty	03 years onsite
30	Installation	Wall mount
	Open Pluggable Standard (OPS)	
31	Processor	Core i5 (2.7 GHz or Higher)
32	Generation	11th Generation or Higher
33	Memory	8 GB DDR4 Expandable up to 32GB
34	Graphics	On Board Intel®UHD Graphics
35	LAN	10/100/1000 Gigabit LAN
36	Prime Storage	512 GB SSD or Higher
37	USB	5 USB Ports (4*USB3.0+1Type C Port) or Higher
38	Memory Slots	2 Slots
39	Audio	Audio IN + Audio OUT
40	DISPLAY PORT	DP+ HDMI OUT
41	Wi-fi	Dual Wi-fi (2.4Ghz and 5Ghz)
42	Bluetooth	BT5.0
43	OS	Factory Pre Loaded Window 11 Pro
44	Software	License Pre Loaded MS Office, White Board Software
45	Authorization	Bid Specific Manufacturer Authorization Letter Required.
46	Certification	BIS, RoHS, CE, ISO 9001, ISO 27001,1S0 14001 & IS0 45001 certified
	HD Camera	
47	All in Camera 2k/4k resolution support Wide viewing Angle USB2.0 Port	**HD Camera with Privacy shutter Pixels** Min- 1080 P, Technology- Should have DNR technology for low light correction Omni-Directional Microphone Should have Built-In dual stereo Omni-Directional microphone array Privacy Shutter-Should have built-in privacy Shutter Mount Type- Clip or Higher
48	Certification	BIS, ROHS, CE, FCC, ISO 9001, ISO 27001 ISO 14001 ISO 45000

	Intelligent Pen Tray	
48	Intelligent Pen Tray	The intelligent pen-tray should enable user to easily select different pen color or an eraser without selecting any button on the software. User should be able to pick up any pen or an eraser from the Intelligent Pen-Tray and the tray should be able to identify which pen has been picked.
	UPS	
49	Type	1 KVA offline UPS
50	Battery	No. of Batteries and Battery Capacity will vary with Backup time (VAH).
51	Back up	Minimum 30 Minutes PF 0.8

Licensed E- learning content
Updated content will be supplied as and when operation is done

52		Class 1 to 12 (Perpetual licenses)
53		a) AES 128 bit Content Encryption of the content
		b) Content recorded in Chroma key technology
		c) Experiential learning videos (minimum 25 videos)
		d)Adaptive assessments to identify learning gaps
		e) The Interactive Display should be installed with complete digital content for all classes 1st to 12th as per state board/ NCERT with both online & offline availability
		f) Animated Multimedia content should be available in English medium for all subjects including Math, EVS, Science, Social Sciences (History, Civics,Geography, Political Science),Commerce (Accounts,Economics, Business Studies), PCMB (Physics, Chemistry, Math,Biology), English, Hindi & Computers, Vedic mathematics, physical education, Yoga, Coding & any 2 foreign languages
		g) Practice Questions should be offered in English medium for all classes and all subjects 1^{St}to12^{th}
		h) Should have 12-15 years solved board papers with different sets and view answer along with printable facility
		i) All categories of content should be usable in a single integrated learning view and an easy to use interface on the Interactive Display. It should include animated video lessons, Digital Books, DIY activities and practice questions with tests as per state Board all in one view to the teachers & students for classroom teaching and learning.
		j) Content should have minimum 20000 video modules
		k) Content should have NCERT/ SCERT state relevant digital content consistent of audio and video material, which should be available syllabus wise and subject wise.
		l) The modules to have pause, play, fast forward and rewind options. Movement from one module to other (e.g.: one chapter to another or from animation module to assessment module) should be easy, quick and user friendly

		m)Should have 150+ unique questions for every chapter with solutions, Periodic Tests & Uniform SA with solutions, Model test papers & Work sheets, Answer's word limit prescribed by CBSE Guidelines.
		n) Should have Multiple Choice Questions and Quiz with graphical evaluation report
54		a) Facility for real time reporting at class level, school level & district level. Customized reports with analytics & dashboard to be provided on regular intervals
		b) Report should include but not limited to-Learning hours per day Time of login Daily learning speed Chapters covered assessment (chapter wise) Overall performance of school
		c) The Smart Class application should be installed directly on the open source android operating system of the Interactive Display without the need of a separate licensed Operating System.
		d) The Android based Platform should support offline content usage and delivery in all conditions with no dependence on internet
		e) It should offer both offline and online login option to users for seamless content usage with or without connectivity
		f) The application should store all usage data offline on every display device, and the reports should auto sync to a central project reporting dashboard whenever it connects to internet
		g) The usage data of all Smart Classes should be automatically collated to a central project reporting dashboard, so that the project is monitored for learning outcomes on anon going basis.
		h) The central project monitoring dashboard should have features to gives elected usage data access to teachers/principals, project managers and other officials as needed for specific students under their jurisdiction