

स्वीकृत मिति: २०८२/१०/०८

स्थानीय तहमा वित्तीय हस्तान्तरण भएको विद्यालयमा ICT व्यवस्थापन अनुदान कार्यक्रमको
सूचना तथा सञ्चार प्रविधि (ICT) सामग्रीहरूको स्पेसिफिकेसन

आ.व. २०८२/०८३



कोशी प्रदेश सरकार
सामाजिक विकास मन्त्रालय,
विराटनगर

विषयसूची

S.N.	Particular	Page
1.	Interactive Panel Board	1
2.	Desktop Computer (Custom Built	1
3.	Laptop	1
4.	Printer	2
5.	Projector	2
6.	CCTV Camera	3

सूचना तथा सञ्चार प्रविधि (ICT) सामग्रीहरूको स्पेसिफिकेसन विवरण

SN	Particular	Specification	Remarks
1	Interactive Panel Board	Display Size: 75" IPS LCD, Resolution: 3840*2160, Brightness: 350cd/m², Contrast Ratio: 1200:1, Pixel Pitch: 75"0.4296mm*0.4296mm, Refreshing Frequency: 60Hz, Viewing Angle: 178°(H) / 178°(V), Display Color: 10bit, Backlight: D-LED, Anti-Glare front glass Touch: Infrared touch, Touch Point: 20 Response Time: ≤8ms, Touch Accuracy: ±1mm, Output Form: HID standard; with 2 smart pens Cameras/Microphones/Speakers: Camera Pixel: 13M, Focus Form: Fixed focus, FOV: Diagonal 84.5±3°, Mic Category: 8-array, Pick-up Distance: 8m ,Pick-up Angle: 180°, Speaker Audio Output Power: 10W * 2 Ports: HDMI-IN *2 HDMI-OUT *1 LAN *2 VGA-IN *1 DP-IN *1 Audio-IN *1 Audio-OUT *1 MIC-IN *1 USB2.0 *3 USB3.0 *2 Touch-USB *1 SPDIF-IN *1 Type-C *1 RS232-IN *1 Power Consumption: Voltage: 100V ~ 240V/AC, 50/60 Hz, Power Consumption (standby): <0.5W, OPS Power: 18V(DC)/5A , Android System: System: Android 14.0, CPU Architecture: ARM A73*4+A53*4, CPU Working Frequency: 2.8Hz, CPU Core: Octa Core, Solution: MT9950, GPU: Mali-G52, RAM: 8GB DDR4, Storage: 128 GB "Body Frame Material: Aluminum Minimum 1 year warrenty" Smartboard Trolley Stand	
2	Desktop Computer (Custom Built)	Processor: Rygen 5 5600G (CPU Fan included) Motherboard: A520M RAM: 8 GB DDR4 3600MHz SSD: 256GB NVMe, Cabinet with 650Watt SMPS Keyboard 1 Pc/Mouse 1 Pc Monitor: 22 inch borderless, Full HD, IPS Panel, 100 Hz OS: Windows 11 with MS Office	
3	Laptop	Processor: 13th Gen Intel® Core™ i5-1335U,(Cores:10, Cache:12.0MB) Graphics: Intel® Iris® Xe Graphics RAM: 16GB DDR5 4800MHz Storage: 512 GB, PCIe Gen4, 16 Gb/s NVMe Display: 15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080 OS: Windows 11 Battery: Lithium Ion (Li-Ion) 50 Wh 3 cell Power Adapter: 3-pin 65 W AC Adapter	

SN	Particular	Specification	Remarks
4	Printer	Type: Multifunction 3 in 1 (Print, Copy, Scan) Copy Type: Monochrome Laser Copy Resolution: Speed priority mode: 600 x 400dpi Resolution priority mode: 600 x 600dpi Warm up Time (From Power On): 10s or less Recovery Time (From Sleep Mode) : 2s or less (Copy) 0.3s or less (Print) First Copy Time (FCOT): 12.0 / 11.8s (A4 / LTR) Paper Source: 150 sheet cassette Paper Weight: 60 to 163g/m2 (cassette) Copy Size: Platen : Up to A4 / LTR Copy/Print Memory: 64MB (Shared) Printer Type: Monochrome Laser Print Speed: Up to 18 pages per minute / 19 pages per minute (A4 / LTR) First Printout Time (FPOT): 7.8s / 7.7s (A4 / LTR) Print Resolution: Up to 600 x 600dpi, 1 200 (equivalent) x 600dpi Scan Type: CIS Scan Resolution: Optical: Up to 600 x 600dpi Driver enhanced: Up to 9 600 x 9 600dpi Document Size: Platen : Up to A4	
5	Projector	Projection System: 0.55" SVGA (DLP) Native Resolution: 800 × 600 (SVGA) Supported Resolution: VGA (640 × 480) up to Full HD 1920 × 1080 Display Color: 1.07 Billion Colors Aspect Ratio: 4:3 native (16:9 supported) Brightness: 4,000 ANSI lumens Contrast Ratio (with SuperEco mode): 22,000:1 SuperEco Mode: Yes Light Source: Lamp (190W) Lamp Life: Normal Mode: ~5,000 hours SuperEco Mode: Up to 15,000 hours Lens: f = 22–24.1 mm, F = 2.56–2.68 Optical Zoom: 1.1x Throw Ratio: 1.96 – 2.15 Projection Size: 30" – 300" diagonal Projection Offset: 120 % ± 5 % Throw Distance: ~1.19 m to 13.11 m (100" @ ~3.98 m) Image Adjustment Keystone Correction: ±40° (Vertical) — easy vertical alignment Horizontal Frequency: 15 KHz – 102 KHz Vertical Scan Rate: 23 Hz – 120 Hz HDMI: 1 (supports video + audio) VGA/Computer In: 2 (one shares component) Composite Video: 1 Audio In (3.5 mm): 1 Monitor Out (VGA): 1 Audio Out (3.5 mm): 1 RS232: 1 USB Type Mini-B (Service): 1	

SN	Particular	Specification	Remarks
		Built-In Features Speaker: 1 × 2 W built-in speaker SuperColor™ Technology: Improved color accuracy Auto Power Off / Sleep Timer: Yes Physical & Power Power Supply: 100 V – 240 V AC, 50/60 Hz Power Consumption: ~260 W (Normal), <0.5 W (Standby) Noise Level: ~27 dB (Eco mode) Operating Temp: 0 – 40 °C Weight: ~2.2 kg Included Accessories: Power cable, VGA cable/HDMI Cable, Remote control, Quick Start Guide / Documentation	
6	CCTV Camera	Camera & Video Resolution: 1080p Full HD (1920×1080) Sensor: 1/3" Progressive Scan CMOS Frame Rate: Up to 15 fps (adaptive) Lens: 4 mm fixed Field of View: ~85° diagonal Pan & Tilt: 360° horizontal panoramic view (app-controlled) Infrared Night Vision: Up to 10 m (33 ft) Motion Detection (alerts) Auto Tracking (follows detected movement) Two-Way Audio (built-in mic & speaker) Privacy / Sleep Mode Local: microSD card support (up to 256 GB) Wi-Fi: 802.11 b/g/n (2.4 GHz) Security: WEP/WPA/WPA2 encryption Power Supply: DC 5 V / 1 A Max Power: 5 W Include Micro SD card 128GB	

