



Project Name: virtual class setup
 Fiscal Year: 2082/83
 location : SHREE SHANTI SECONDARY SCHOOL

estimate for virtual class setup

| S.N | Name | Attributes | Specification | Qty | price | Total price |
|-------------------------------------|--|------------------|--|-----|-------|-------------|
| 1 | laptop | Brand(laptop) | (To be mentioned by the bidder) | 1 | | |
| | | Model | (To be mentioned by the bidder) | | | |
| | | processor | Intel core i5 13th generation or higher | | | |
| | | graphics | integrated type graphics, Intel uhd graphics | | | |
| | | port | 2 minimum usb ports, 1hdmi ports | | | |
| | | Monitor | 14 inch or 15inch | | | |
| | | Memory | 8 gb ram or above | | | |
| | | SSD | 512gbssd minimum | | | |
| | | operating system | windows 11 | | | |
| | | 2 | Interactive smart board | | | |
| model | (To be mentioned by the bidder) | | | | | |
| Display Features | | | | | | |
| Screen Size | 75inch | | | | | |
| Back light type | Direct Led(D-Led) Technology | | | | | |
| Screen Resolution | 3840*2160 | | | | | |
| Refresh ratio | 60hz or better | | | | | |
| Brightness /Aspect ratio | 350 cd/m ² or above/16:9 | | | | | |
| lifespan | 50000 hours or better | | | | | |
| Android System Features | | | | | | |
| Ram | 8gb or above | | | | | |
| Rom(Built in internal storage) | 128 gb or above | | | | | |
| CPU | A55*8(1.20 Ghz min speed for each core)or higher | | | | | |
| GPU | Quad Core Mali-G52 GPU or better | | | | | |
| System OS Version | Android 14.0 or higher | | | | | |
| Touch Features | | | | | | |
| Touch Type | above or equal 40 Point IR Touch (Android) | | | | | |
| Touch Screen Glass | 4mm, Anti Glare Toughened Glass, 7H | | | | | |
| Touch Response Time | <8ms | | | | | |
| Other Features | | | | | | |
| NFC | Yes, wireless sharing | | | | | |
| Wifi / Hotspot | Support Dual Band Wi-Fi (2.4GHz & 5GHz) | | | | | |
| Bluetooth | Bluetooth 5.0 or higher | | | | | |
| Wireless Screen Mirroring | Support Wireless Screen Mirroring from Laptop. | | | | | |
| Speaker | 2*15 Watt Built in Speaker (minimum) | | | | | |
| Microphone | Built in linear 8 array microphone with Audio Pick-up Distance : 8 meter or above | | | | | |
| Camera | 48MP Android: Pixel 13MP for Photos & 8MP for Video Windows: Pixel 48MP for Photos & 48MP for Video or better | | | | | |
| Default System Language | English, Nepali (Multi Language Support) | | | | | |
| White Board | Built in white board application. | | | | | |
| Minimum I/O Ports | HIDMI In-1, HIDMI Out-1, USB Port 3.0- 4, LAN/Ethernet port-1, RS232 port-1, Touch USB-1, Type C-Port -1 | | | | | |
| OPS Computer | | | | | | |
| Windows and Operating System | Windows 11, Core i7-13th Gen OS or above | | | | | |
| RAM | 8 GB DDR4 or above | | | | | |
| ROM | 256GB M.2 SSD Storage or above. | | | | | |
| Graphics | Integrated Graphics | | | | | |
| OPS Input and Output Ports | HIDMI Port-1, Display Port-1, USB Port (2.0/ 3.0) - 3 or more, Ethernet/LAN Port-1 | | | | | |
| Connectivity | Bluetooth Function & Dual band Wifi | | | | | |
| Trolley Stand | | | | | | |
| Trolley Stand | Heavy Metal Trolley stand with locking • FITS FOR TV SIZE:42"-100" • MAX LOAD CAPACITY:150KG • MAX VESA:900*600MM • TILT:+15° to -15° • SWIVEL - 360° | | | | | |
| Warranty and Certification | 1 Years Product Warranty for smart board and OPS. Smart board and OPS must be CE Certified. (Exclusive MAL, Warranty Assurance Letter & Datasheet for smart board with required parameters must be viewable in OEM Website. (Datasheet must be provided with bid document | | | | | |
| Product Datasheet | | | | | | |
| Delevery, installation and Training | Delivery, Installation & training | | | | | |
| Accessories | 1*power cable, 2* Touch Pen, 1*quick guide, 1* remote control, 1* wall mounting bracket | | | | | |
| 3 | Inveter battery | battery | 150 Ah | 2 | | |
| | | voltage | 12v | | | |

Madhav Prasad
 Asst. Headteacher



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|--------------------------|----------------------------|----------------------------------|--|---|--|
| 4 | Ups Inverter | brand | branded | | |
| | | Feature | 24 v battery bank support, audio alarm, short circuit protection | 1 | |
| 5 | projector | Brand | Branded Projector | | |
| | | Display type | DLP/LCD Type | | |
| | | Resolution | FHD 1920*1080 Pixels | | |
| | | Brightness /Aspect ratio | 3500 or above | | |
| | | projector lens | 1.1*manual zoom or better | | |
| | | connectivity | Inputs: 1 HDMI, 1*VGA, 1*compoite | | |
| | | Warranty | 1 years parts and Service Warranty | 1 | |
| 5 | Mic | Brand | Branded Mic | | |
| | | display | BRANDED MIC | | |
| | | WIRELESS MODE | Gfsk 1 MBPS AND 2 Mbps | | |
| | | Frequency Response | Low cut off: 50Hz-20khz Low cut on : 150hz-20khz | | |
| | | Charging Time | 700mins(Mic Recievers & Transmitters), 2 hrs 40 mins(Charging case) | 1 | |
| 6 | Camera | Brand | Branded Camera | | |
| | | Sensor | 24.2Mp | | |
| | | Display | 3 inch | | |
| | | video | 4k up to 30 fps, FHD up to 120 fps | | |
| | | connectivity | wifi and Bluetooth | | |
| | | Battery Life | Minimum 80 minutes recording | | |
| | | tripod | Tripod stand for camera | | |
| | | Other Accessories | Extra battery and usb cable for to connect camera to mobile | 1 | |
| 7 | Printer(Print, Scan, Copy) | Brand | Branded Printer . Must be specified By seller | | |
| | | Functionality : | Print /Scan /Copy /Duplex/Mobile priunt /wires-wireless | | |
| | | color: | Black & white laser Printer | | |
| | | Toner : | Same Brand toner | | |
| | | Recommended montly print volume: | 200-800 pages | | |
| | | Max .printing speed: | 30 ppm | 1 | |
| Total amount without Vat | | | | | |
| 13 %Vat | | | | | |
| Total amount with vat | | | | | |

The bidder shall be required to perform the following tasks after completion of the Virtual Class Setup.

- 1.The bidder shall complete installation, configuration, testing, and commissioning of the entire Virtual Class Setup system in fully operational condition.
- 2.The training shall be practical and hands-on in nature, including system operation, basic troubleshooting, and routine maintenance procedures.
- 3.After successful installation and setup, the bidder shall conduct at least one (1) hour of demo class and provide a recorded video of the session.
- 4.The demo class video shall clearly demonstrate audio, video, smart board interaction, and online/offline teaching functionalities.
- 5.The bidder must attach the Original Manufacturer Authorization Letter (MAL) for the proposed Smart Board.
- 6.All supplied equipment shall be brand new, genuine, and of high quality. Refurbished or used equipment shall not be accepted.
- 7.The bidder shall be responsible for all required installation accessories, cabling, mounting, integration, and configuration works.
- 8.During the warranty period, the bidder shall provide necessary technical support, maintenance, and after-sales service


 20/9/2020
 Madhav Prasad Panthi
 Asst. Headteacher