GOVERNMENT ENGINEERING COLLEGE, KOZHIKODE	
NOTICE INVITING E-TENDER	
No.P1/2515/2023	Dated : 28/11/2023
Tender No.	P1/08/2023-24
Subscription	Supply of Desktop computers, Laptop computers, Projector, Printer etc for various sections of this institution.
Last date and time of receipt of tender	27/12/2023 3 PM On the website (www.etenders.kerala.gov.in)
Date and time of opening of tender	28/12/2023 3 PM
Bid Validity	120 days
Bidding Fee	₹. 14000/- + GST 2520/-
E.M.D required	₹.93,133/-

Conditions:

Price   : Should include all charges and taxes which specifically stated.

Payment   : Will be made only after the successful supply, installation of the items as per supply order

Delivery F.O.R   : Govt. Engineering College, Kozhikode.

Agreement   : Preliminary Agreement in **Kerala Stamp Paper worth ₹.220/-**

(Preliminary Agreement shall be uploaded without fail otherwise bid will not be considered)

Delivery Condition   : Within 4 to 6 weeks from the Supply Order

Guarantee/Warrantee   : Specified in the specification of items list

Date of opening   : In case the proposed date declared as holiday, the tender will be opened on the next working day in the same time.

Special Conditions

- The bidder must furnish name of institutions (under this department and others) in Kerala where the same items were supplied.

- Proforma Report/Original Pamphlet/Warranty Certificate/Preliminary Agreement in **Kerala stamp Paper worth ₹.220/-** are required

- The demonstration of the item/equipment will have to be arranged by the bidder before the evaluation committee during technical evaluation and if any of the items/equipment is not found suitable and/or up-to-the mark by the Committee, the same shall be liable to be rejected.

- The firm must have proven knowledge and expertise in standard system installation, commissioning and providing training.

- The price must be quoted in INR ₹

- After E-tendering the hard copies of all the tender documents except BOQ/Schedule should be submitted to the Principal, Government Engineering College, Kozhikode and cover should be superscribed with the tender id, closing date and opening date of the tender.

NB: The tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual. The bidders should participate this tender through E-tendering System. Tender cost and EMD should be submitted only through online. For more details contact phone number 0495 2383210
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                                                       PRINCIPAL

Approval Valid

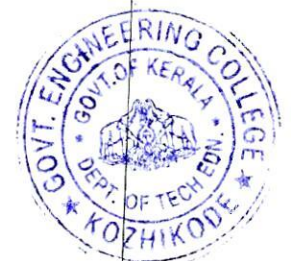Digitally Approved By
Dr.P C Reghu Raj
Date: 28.11.2023

Sl.No.	Item & Specification	Quantity
1.	**Desktop Computers Medium End windows 11 Professional (Intel Processor)** **Processor:** Intel Core i3 10100 @3.6 GHz/10105@ 3.7GHz, 4 cores, 6MB cache, TDP- 65W **Chipset:** compatible Chipset **Motherboard:** OEM Motherboard **Memory:** 8 GB DDR RAM upgradable to 32 GB. **Hard Disk Drive:** 512 GB SSD **Monitor:** 19.5 inch or larger TFT/LED HD Digital Colour **Monitor.** same make as PC **Keyboard:** USB interface. Keyboard. Same make as PC. **Mouse:** Optical with USB interface. Same make as PC. **Chassis:** Chassis less than 16 L **Ports:** 6 USB Ports or more at least 2 USB 3.0 ports and two ports in front panel (atleast 1 should be USB 3.0), HDMI, Audio ports. **Networking facility:** 10/100/1000 on board integrated Network Port, & Wi-Fi 802.11 b/g/n connectivity **Certifications:** a. EPEAT Registered/ROHS Compliance for Product b. ISO 14001 for OEM **Warranty: 5-year comprehensive on-site warranty including Monitor, Mouse & Keyboard** **Operating System:** Windows 11 Pro	45 Nos
1.1	**Desktop Computers Medium End with Graphics Card** 12th Gen Intel® Core™ i5-12600 (18 MB cache, 6 cores, 12 threads, 3.30 GHz to 4.80 GHz Turbo Processor 16 GB, 2 x 8 GB, DDR4 Memory 512 GB M.2 2280, PCIe NVMe, SSD Class 40 Hard drive,DVD Rw AMD Radeon™ 550, 2 GB GDDR5 Graphics Card Wi-Fi wireless card with Antenna internal power supply unit Windows 11 Home Single Language, English USB Keyboard, USB Optical Mouse 21 inch LED Blacklit LED Monitor **3 year Onsite OEM Warranty**	20 Nos
2.	**LAPTOP Medium End Win 11** Intel Core i5 10th Gen 1235U Processor (1.6 GHz base frequency, 6 MB L3 cache, 4 cores) Intel Integrated Chipset 8 GB DDR4 SD RAM 512 GB SSD 15.6 inch Full HD Screen15.6" diagonal, Full HD (1920 x 1080) IPS display Intel UHD Graphics 1 USB 3.1 Gen 1 Type-C (5 Gb/s signaling rate); 2 USB 3.1 Gen 1 Type-A; 1 AC smart pin; 1 HDMI 1.4; 1 headphone/microphone combo ports 1 multi-format SD media card reader Dual speakers	21 Nos

	HD camera with integrated digital microphone Touchpad with multi-touch gesture support Wireless communication support AC Power Adapter, Li - ion battery ENERGY STAR certified Windows 11 Home 64 Slim and Light Weight Weight - 1.6 kg maximum Upto 10 hours battery back up 3 year onsite warranty and 1 year Accidental damage protection Bag included		3 Nos
3.	**WORK STATION** **CPU:**Intel Xeon Silver 4210R 2.4G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (100W) DDR4-2400, **Max Memory:** 16 DIMMS **Memory:** 128 GB (8 x 16GB) RDIMM, **Max HDD Scalability:** Up to 8, 3.5" Hot Plug Hard Drives, Tower Configuration **Hard Disk:** 1.2TB 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive 3 Nos, **Raid In Built:**PERC H750 Adapter, Full Height, 8GB Cache **Power Supply:** Dual, Hot-plug, RPS, 495W **System Management:**iDRAC9,Enterprise, Other conditions include-1 Packing, freight and installation charge (included), **Warranty: 3 year** ProSupport 4Hr Mission Critical		8 Nos
4.	**Multimedia Projector** **Technology**: LCD, **Projection Method**: Front and Rear both **Native Resolution:** 1920 x 1080 (Full HD), **Brightness (Lumens):** 3200, contrast Ratio (Minimum) (pixels) (X :1): 10000, Optical Zoom, Optical Zoom 120 % **Availability of Lens:** Yes, Remotely Controlled: Yes **Type of Projector:** Standard Throw (0.91 to 2.5), Aspect Ratio: 16:9, Keystone Correction: Automatic & Manual Both **Type of Light Source:** UHP / UHE / UHM: Minimum Life of Light Source (In Normal Mode) (Hours): 4000 Lamp Hour Counter (In-Built): Yes, Inbuilt Speaker: Yes Analog RGB In Port: Yes, Audio In: Yes, Video In: Yes Number of USB Type A: 1, Number of USB Type B:1 **Wi Fi Connectivity:** Yes, Wireless Screen Share: Yes Power Consumption in Sleep Mode (Watts): 1 Power Consumption in Normal Mode (Watt): 295 Noise Level in Echo Mode (dB): 30,Noise Level in Normal Mode (dB): 39, **Power Supply:** 210V-240V, 50 Hz BIS Registration under CRS of Meity: Yes, **Maximum Weight:** 2 kg. Minimum Operating Temperature (Degree C): 5 Maximum Operating Temperature (Degree C): 40 Minimum & Maximum Operating Humidity (% RH): 40 & 80 On Site OEM Warranty for Light Source (Time or Life in Hours whichever is earlier) One Year or 1000 Hrs. **On Site OEM Warranty:** 2 years.		

5.	**86" Interactive Touch Display 3840 x 2160 (UHD)**	1 nos
	Screen Size: 86 Inches	

86" Interactive Touch Display 3840 x 2160 (UHD)
Screen Size: 86 Inches
Panel Technology: IPS
Native Resolution: 3840 × 2160 (UHD)
Brightness: Minimum 350cd/m2 with protection Glass
Contrast Ratio: 1,200:1 or Higher
Viewing Angle(H x V): 178 x 178
Surface Treatment: Anti-glare treatment
Min Input ports : HDMI x 3, USB (3.0) x 3, USB (2.0) x 3, OPS Slot x 1, RGB (VGA)x 1, Gigabit LAN x 1, SPDIF x 1 or Higher
Min Output Ports: Audio-1(Audio out to connect additional Speakers if required)
External Control: Rs-232C
Air Gap Between LCD Module& Glass: 1 mm or less should mentioned in OEM website.
Protection Glass Thickness: 7H (Mohs) (Anti-Glare)
Built in display standard OS: Android 8.0 or better
Google CTS: Compatible/Approved to smooth interface
Panel System on Chip: Internal Memory 32GB, Dual core A73+Dual core A53), (3GB) RAM Wi-Fi, Power Indicator, or higher
Bluetooth Connectivity: Required
Screen share :Screen Share connecting up to 30 mobile devices on the same network. Mira cast to connect TAB / Mobile / Laptop / PC. Min 6 simultaneous screens should be casted on display in any combination of Windows, Android, Mac OS (Apple devices) users
Protection Glass Transmission: Min. 87%
PCB Protective Coating: Conformal Coating on PCB to prevent from Humidity, Dust & Iron Particles
Built in Audio Power:20W(10W x 2) or higher
Power Supply: 100-240V~, 50/60Hz
Power Consumption (Typ.): 370 W or less
Product Quality Certifications : BIS, UL, CB / NTRL, ROHS
India Certificates/ Approvals: ISO9001, ISO14001, OSHAS18001, E-Waste
Accessory: Remote Controller with batteries, Power Cord, USB Cable and HDMI Cable. Writing Pen x 2pcs
Installation type: Wall mount need to supply required accessories.
Warranty: 3 years on Site
Service Support: Bidder Should have office/service center in Kerala state. OEM to have at least one service center within 100 kilometers from the organization. Documentary evidence to be submitted along with tender documents. All the specifications should available on OEM website.Warranty should be Onsite.

6.	**Interactive Touch Display 3840 x 2160 (UHD)**	6 Nos
	Screen Size: 65" or Higher	

Interactive Touch Display 3840 x 2160 (UHD)
Screen Size: 65" or Higher
Native Resolution: 3840 x 2160 (UHD)
Brightness: Minimum 350cd/m2 with protection Glass
Contrast Ratio: 1,200:1 or Higher
Viewing Angle(H x V): 178 x 178
Surface Treatment: Anti-glare treatment
Min Input ports: HDMI x 3,USB (3.0) x 3,USB (2.0) × 3, OPS Slot x 1, RGB (VGA)x 1,Gigabit LAN x 1, SPDIF x 1 or Higher
Min Output Ports: Audio-1(Audio out to connect additional Speakers if required)

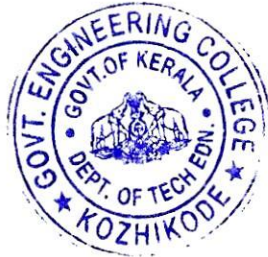|		
	External Control: Rs-232C Air Gap Between LCD Module & Glass: 1 mm or less Protection Glass Thickness: 4T (Anti-Glare) Google CTS: Compatible/Approved to smooth interface Built in display standard OS: Android 8.0 or better Panel System on Chip: Internal Memory (32GB), (Hisi 811, Dual core A73+Dual core A53),3GB) RAM Wi-Fi, Power Indicator, or higher Screen share: Screen Share/Mira cast to connect TAB/Mobile / Laptop / PC. Min 6 simultaneous screens should be casted on display in any combination of Windows, Android, Mac OS (Apple devices) users Protection Glass Transmission: Min. 87% PCB Protective Coating: Conformal Coating on PCB to prevent from Humidity, Dust & Iron Particles Power Supply: 100-240V~, 50/60Hz Power Consumption (Typ.) 180 W or less Built in Audio Power: 20W(10W x 2) or higher Product Quality Certifications: BIS, UL, CB / NTRL, RoHS India Certificates/Approvals: ISO9001, ISO14001, OSHAS18001, E-Waste Accessory: Remote Controller with batteries, Power Cord, QSG, Regulation Book. Installation type: Wall mount need to supply required accessories. **Warranty:** 5 years on Site. Manufacturer authorization letter required for service support **Service Support:** The OEM should have state wide service network to provide faster after sales support. OEM to have at least 10 service centers in a State.Documentary evidence to be submitted along with tender documents.	11 Nos
7.	**A4 Multifuntion Laser Printer** **Duplex + Network + Wifi Printer** Number of Nozzles : Black: 640 nozzles (Optional Colour: 1 152 hozzles) Ink Bottles / Cartridges: GI-70 (Pigment Black)Optional: CL-741, CL741XL Printing Resolution: 600 (horizontal)" x 1 200 (vertical) dpi Printable Area, **Warranty one year onsite** Borderless Printing* Bordered Printing: #10 Envelope/DL Envelope: Top 8 mm / Bottom 12.7 mm / Right 5.6 mm / Left 5.6mm LTR / LGL:Top 3 mm / Bottom 5 mm / Right 6.3 mm / Left 6.4mm Others:Top 3 mm / Bottom 5 mm / Right 3.4 mm / Left 3.4mm Bordered Auto 2-Sided Printing: Top / Bottom margin: 5 mm, Left / Right margin: 3.4 mm (LTR: Left: 6.4 mm, Right: 6.3 mm) Support Media Rear Tray : Plain Paper (64-105g/m?), High Resolution Paper (HR-101N) Envelope Cassette: Plain Paper (64-105g/m?) Paper Size Rear Tray: A4, A5, B5, LTR, LGL, Envelopes (DL, COM10),Card Size (91x55 mm) [Custom size] width 55 - 215.9 mm, length 89 - 676 mm Cassette: A4, A5, B5, LTR [Custom size] width 148.0 - 215.9 mm, length 210 - 297 mm Paper Handling (Number) Rear Tray : Plain Paper (A4, 64g/m?) = 100, High Resolution Paper (HR-101N) = 80	

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| | Cassette : Plain Paper (A4, 64-105g/m?) = 250 Support Media for Auto 2-sided printing Type: Plain Paper Size: A4, A5, B5, LTR Paper Weight Rear Tray: Plain Paper: 64-105g/m? Cassette: Plain Paper: 64-105g/m? Ink End Sensor: Electrode type and dot count type combined Optional Colour Cartridge; Dot count Print Head Alignment: Auto/Manual **Network** Protocol: TCP/P, SNMP Wired LAN Network Type: IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) Data Rate: 10M/100Mbps (Auto switchable) Wireless Network Type: IEEE802.11n / IEEE802.11g / IEEE802.11b Frequency Band: 2.4GHz Channel*4: 1-13 Range:Indoor 50m Depends on the transmission speed and conditions) Security: WEP64/128bit WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES) Direct Connection (Wireless LAN): Available | |

For more information contact :- office@geckkd.ac.in

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