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Govt. of Maharashtra
GOVT. COLLEGE OF ENGINEERING, KARAD
(An Autonomous Institute of Govt. of Maharashtra)
Vidyanagar, Karad -415124 Dist.-Satara

e-Tender Ref. No. : GCEK-2024-INST-PC3 3947
E-Tender form Fee Rs. 10,000/-
Processing Fee – Rs. 500/-
E.M.D. – Rs. 1,00,000/- **7 OCT 2024**

Digitally sealed tenders (Two-Bid System) as per e-tendering system are invited by office of The Principal, Govt. College of Engineering, Karad for the supply of following.

Please refer to Instructions for Bidders. These are available on e-tendering web portal
<https://mahatenders.gov.in>

NOTICE DETAILS :

Tender Reference No.	GCEK-2024-INST-PC3
Name of Work / Item / Service	<i>Purchase of Workstations, Interactive Panel, Digital Podium, and Digital Image Processor for Centre of Excellence for various labs</i>
Tender Fee & Mode of Payment	Rs.10,000/- (Rupees Ten Thousand only) (Non Refundable) to be paid through Online Payment Mode
Processing Fee & Mode of Payment	Rs.500/- (Rupees Five Hundred only) (Non Refundable) to be paid through Online Payment Mode
E.M.D. Amount & Mode of Payment	Rs.1,00,000/- (Rupees One Lakh only) to be paid through Online Payment Mode
Venue of online opening of tender	Govt. College of Engineering, Karad
Address for Communication	The Principal, Govt. College of Engineering, Karad Vidyanagar, Karad-415124, Dist-Satara
Contact Telephone & Fax Numbers	Phone – (02164) 272414

(Dr. V.N.Kulkarni)
Principal

Govt. College of Engineering, Karad

PART-A
(To be retained by the bidder)

Eligibility Criteria for the Bidder Entity (Pre-Qualification)

Sr No	Basic Requirement	Documents to be submitted
1	Legal Entity The bidder company/entity should be a company/entity registered under The Companies Act 1956/2013; or a registered partnership firm under The Partnership Act 1932/LLP Act, 2008 or a Society registered under the Societies Registration Act 1860.	1. Copy of Certificate of Incorporation issued by the Registrar of Companies, India / Certificate of commencement of business. or 1. Certificate of registration and partnership deed for LLP and partnership firm. And
2	The bidder entity should have been in existence for a period of at least 3 years on the bid due date (or any extended bid due date).	2. List of partners, directors, and principal place of registration, as applicable. 3. Relevant documents in support of the requisite experience.
3	Debarment The bidder should not have been blacklisted/ debarred by ERNET INDIA or any State or Central Government or autonomous body, State government undertakings, Central Public Sector Units (CPSUs)/ any other government organization or its undertakings in India at the time of bidding.	Self-declaration duly signed by the authorized signatory.
4	Product Support The products being quoted by the bidder should not have been declared as at “end-of-sale” and “end-of-support”.	Undertaking for each of this needs to be submitted by the bidder.
5	The bidder must not have a history of being blacklisted by any other government organization.	Undertaking for this to be submitted by the bidder.

1. Specifications of workstation required for various Center of Excellence for multidisciplinary activities:

Sr. No.	Item	Qty (Nos.)	
1	Fixed workstation-high range		
	Item	Technical specifications	
	Operating system	Genuine Win 11 Pro 64. All drivers required for proper integration of components should be supplied by the vendor. All latest drivers should be available to download from vendor's website.	
	Processor	i9 14900 14th Gen / Intel® Xeon®	
	Chassis power supply	700W	
	Graphics card	NVIDIA RTX A2000 12GB Graphics Card	
	Chipset	Intel® W series	
	Memory(RAM)	64GB DDR5 4800 UDIMM NECC Memory	
	Memory Slots	4 DIM Slots, Supporting upto 128 GB non-ECC, DDR5 4800 MT/s	
	Internal storage1	512GB PCIe 2280 NVMe Value M.2 India SSD Drive, provision for installing upto 2 SATA drives	
	Internal storage2	2TB 7200 RPM SATA 3.5in	
	Label	700W	
	Keyboard	Minimum 104 keys USB Keyboard / wireless Keyboard	
	Pointing device	CAD Mouse pro wireless 3D - Same make as that of the workstation	
	Display Monitor	27" monitor, Display type – IPS, Aspect ratio -16:9, Resolution (maximum) FHD (1920 x 1080 @ 75 Hz), Resolution (native) -FHD (1920 x 1080), Resolutions supported - 640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; Pixel pitch - 0.27 x 0.27 mm, Brightness - 250 nits, Contrast ratio - 1000:1. Response time - 5ms GtG (with overdrive) Display colors - Up to 16.7 million colors supported Onscreen controls - Brightness; Input control; Management; Information; Exit; Color control; Image control; Power control; Menu control, Display features - On-screen controls; Low blue light mode; Anti-glare, Stand & Mount - VESA mount 100 mm x 100 mm, Tilt - -5 to +23°	35
	Expansion slots	1 PCIe 3 x4 (x16 connector); 1 PCIe 3 x4 (x4 connector); 1 PCIe 3 x1 (x4 connector); 1 PCIe 5 x16 (x16 connector); 1 M.2 2230 PCIe 3 X1 for WLAN (1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)	
	Ports	Front : 4 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 1 universal audio jack Rear : 1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.4; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 SuperSpeed USB Type-A 5Gbps signaling rate; 3 USB Type-A 480Mbps signaling rate	
Drive Controllers	Integrated SATA controller with minimum 4 x 6Gbps ports & SATA Controller should support RAID		
Optical Drive	Slim DVD+/-RW Double Layer SuperMulti (SATA) drive		
Audio	High Definition Integrated Audio with Internal speaker		

Communications	Intel® I225-T 1 Gigabit Network Connection LOM (vPro®)
Security	BIOS controlled electro-mechanical internal chassis lock for the system
Form Factor with Tool free design	Convertible Mini Tower with tool-less entry and maintenance System should feature Active Acoustic Reduction, with low noise level. System should be rack-mountable
Additional Software	The hardware vendor should supply an automatic system performance tuning and monitoring software on Windows The tuning software should have modules for resource monitoring over a long period of time, and should be capable of showing GPU utilisation (GPU, Graphics memory and Codec activity) for both Graphics and GPU Compute cards A complete Offline Diagnostics and Asset Discovery Software suite should be supplied along with the system
Warranty	3 years onsite parts and labour warranty for system
OEM Status	The hardware OEM should be a reputed concern, having global presence in multiple countries. OEM should have ISO certifications.
Dust Filter	OEM should provide serviceable dust filter to avoid workstation failures due to dust and it should be connected into the workstation
Certifications	WINDOWS, EPEAT India Registered & ISV Certification

Additional Terms and Conditions

1. Top 5 IDC brands to be quoted.
2. Latest report to be submitted.
3. Malicious code certificate duly signed by OEM of quoted hardware.
4. OEM Service Central list on OEM letter head to be submitted by the bidder.
5. Declaration from OEM for OEM warranty as per Tender terms.
6. Declaration from OEM for genuine Operating system from hardware OEM factory.
7. Compliance letter from OEM on their Letter head.
8. OEM must have online system hardware diagnostics facility. Link / web address to be submitted along with the technical bid. Also, OEM must have facility to download updates of pre-installed software's, device, drivers, and firmware on its website. Link / web address to be submitted along with the technical bid.
9. Quoted Product should be EPEAT gold India Certified.
10. Quoted desktops should be certified for required operating system. Hardware OEM declaration along with Hardware certification report to be submitted.
11. Declaration from OEM for quoted product not obsolete in the market at the time of bid submission and has at least 5 years residual support.

2. Specifications of Interactive Flat Panel required for Center of Excellence:

Sr. No.	Item		Qty (Nos.)
Interactive Flat Panel - Indicate Brand & Model No			
1	Particular	Technical specifications	2
	Model		
	Size	86"	
	Screen Brand	A+ Grade	
	Backlight Type	D-LED	
	Resolution	3840x2160	

Brightness	450cd/m ²
Contrast Ratio	5000:1
Response Time	6ms
Pixel Pitch (mm)	0.4935(H)x0.4935(V)
Refreshing Frequency	120Hz
Viewing Angle	178°(H) / 178°(V)
Life Time	50,000 hrs
Gamut (X% NTSC)	65%
View Area	1895.04(H)x1065.96 (V)
Display Colors	.07B(10bit)
Product Size(W x D x H)	1995.2x1111.9x1206.3(mm)
Weight (kg)	79
Chipset	V100
CPU	ARM A55
CPU	Working Frequency: 1.5GHz
CPU	Octa Core
GPU	MaliG52
RAM+ROM	8GB+128GB
OS	Android 14
Audio Output	2x20W
Interface	HDMI in*1, USB 2.0*2, USB touch*1, Type-C*1
Interface	RS232*1, PC touch*1, HDMI in*1, RJ45*1, USB 2.0*2. TF Card*1, HDMI-Out (optional)
Sensing Type	Infrared Touch Frame
Surface Protection	4mm Toughened Glass
Infrared Touch	40 Points
Interpolation Resolution	32768 x32768
Touch Accuracy	±1mm
Windows 11/10/8/7, Android	Multiple Touch
Housing Material	Aluminum / Metal plate
Housing Color	Black + Grey
VESA	4-M8 Screw Hole (600x400mm)
Accessories	Power Cable*1,pen*2,wall mount*1,Remote*1
Environment	Operating temperature 0 ~+40°C
	Operating humidity 20%~ 80% RH Non-Conducting
Warranty	3 Year Onsite
Additional Specifications	<p>Generative-AI based Whiteboard and annotation software</p> <ul style="list-style-type: none"> - AI handwriting recognition in 150+ languages - Complex formula and equation solving effortlessly - AI Shape & image recognition - 1000+ In-built simulations for Physics, Chemistry, Biology, Maths etc. - Vast library of in-built image, video resources in 2-D, 3-D - 5000+ in-built videos of various subjects - Curriculum mapped AI content and question paper generation - In-built Interactive exercises - AI driven interactive exercises and quizzes - Intelligent graph plotting tool - Interactive Periodic table with illustrations of elements - Integrate with Google, YouTube etc. - Intelligent Flow-chart and Mindmap generation

	<ul style="list-style-type: none"> - Lesson Plan Preparation for teachers and collaboration with other teachers community - All these must be provided in Android - Provision for 1TB external SSD slot with lockable compartment in panel structure 	
Software	<ul style="list-style-type: none"> - Whiteboard software should be provided in both android and windows platform - Lesson preparation software should be provided in both Windows and Android - Shall contain features magic pen, handwriting recognition, shape recognition, 2D-3D in built shapes - AI (Artificial intelligence) based pen for auto suggestion of relative shapes - Create mind-maps in whiteboard software - Word based Search-engine integration - Grid based handwriting recognition in whiteboard software in Android - Insert PDF in whiteboard software in Android and scroll each page of PDF in same whiteboard software for annotation - Operate Interactive panel from mobile phone and vice versa - While using wireless screen sharing app, User should be able to use mobile phone's in built camera and display picture coming from it wirelessly on Interactive Flat Panel - Interface Operating System - Android and Windows system should be simultaneously visible when operated through in built interface Operating system <p>Lesson Preparation Software –</p> <ul style="list-style-type: none"> • Open file formats such as ENBX, PNG, PDF, PPT, JPEG • Open video files and user should be able to annotate on running video without pausing video during annotation • Cloud storage of min 1GB should be provided to store lesson plans for each teacher • Students shall be able to participate in lesson by capability to upload image files during lesson by scanning of QR code generated from Interactive Flat Panel • Each Teacher shall have unique login and user shall be able to login from any device such as desktop, laptop, mobile for lesson preparation • On Interactive Flat Panel, QR code based login facility shall be given to each user, upon login lessons stored on cloud storage shall be accessible for teaching within classrooms • In built Interactive content such as activities, games etc. to be provided to prepare interactive lessons • Teachers shall be able to import own PDF/PPT files into lesson preparation software • Teacher should be able to send lesson slides to students via link or email • Teacher shall be able to specify sharing link validity for security of content • Teacher shall be able to conduct real time polls within classroom using lesson preparation software <p>Lesson Preparation Software –</p> <p>Messaging System – Bells, Text Images/Videos, Emergency Alert, File Publish</p> <p>Device Control - Change wallpaper, Change booting Logo Screen, Lock & Unlock, Custom Groups & Auto-allocation Groups, Custom Devices Tags, Power on/off, reboot</p> <p>Profile Management – Image Mode, Sound Mode, Input Switch, Android</p>	

Channel Enable/Disable, Power Settings, Auto Sleep time, URL Block & Allow List, Default Required App List

Screen Control – Screen Preview, Real-time Screen Preview, Remote Screen Control

Data Display – Applications status, Device Details, Device usage, App usage, Active trend for 7/30 days, Inactive device list

Screen Capture - Software allows you to capture your screen in HD quality and stream it right away. This feature helps you share your screen with viewer’s right when you want to show them the activities happening on your screen. The screen capture feature also allows gamers to share their adventures with the world.

Video Recording - Software allows you to record videos without any frustrating time limit, enabling you to capture hours of activities. Software accepts webcam as a video source and microphone as an audio source.

Video Broadcasting - Software gives you options to stream videos in real-time. It provides vital features to make online broadcasting distinctive. Above all, the software supports live streaming on multiple platforms, including Facebook Live, Twitch, Hitbox, YouTube, and more.

Neat and Clean Interface - Software boasts of a clean interface to offer unparalleled ease of use. Apart from that, the simplicity of the interface provides multiple settings to help you configure all major aspects of your live streams with ease. Modular Dock UI lets you rearrange the layout as your wish, allowing you to pop out each Dock to its window.

Freedom to Set Hotkeys - Software allows setting up hotkeys to enable you to navigate smoothly across features. You can set hotkeys for almost all types of actions, including switching between the scenes, starting or stopping recording and live streaming, muting audio inputs, push to talk, and more.

Ability to Manage Quality - Software allows you to decide the video capture quality. You can set the resolution of your choice or can go by the default resolution of your monitor. Similarly, you can select the number of frames per second (fps) at your convenience. With real-time screen capture and audio-visual mixing, Software helps you create high-quality content.

Branding and Personalization Options - Software doesn’t add a watermark to your videos. Moreover, it allows you to add text and logo to the live videos with ease. You can try different recording and live streaming options to align videos with your personality and brand.

Intuitive Audio Mixer - You can choose among the surround sound, Multilanguage, multichannel, and single-channel streaming options. Using these features, you can enable live translation and broadcast a single video in multiple languages. Software offers an intuitive audio mixer with separate filters for each source. These filters include a noise gate, noise suppression, and gain.

Powerful Configuration Options - The live streaming application provides configuration options for adding new sources, duplicating existing ones, and managing their properties without a hint of discomfort. It accepts input from multiple sources such as window captures, images, text, webcams, capture cards, microphones, and more.

Unlimited Number of Scenes - Software allows you to set up as many scenes as you want and switch between the scenes seamlessly via custom transitions.

High-Level View of your Production - Obtain a high-level view of your production using the Multiview feature. Software allows you to monitor up to 8 different scenes concurrently and cue or transition to each one of them

	<p>with hardly a single or double click. Studio Mode enables you to preview your scenes and sources before you push them live. You can manage your scenes and sources to ensure they are in line with your expectations before your viewers get to see them.</p> <p>Scope for Collaboration - Being an open-source program, Software collaborates with other applications and plugins creatively, allowing you to enhance its functionalities and performance.</p>	
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3. Specifications of Electronic Lectern / Digital Podium required for Center of Excellence:

Sr. No.	Item	Qty (Nos.)	
Electronic Lectern / Digital Podium - Indicate Brand & Model No			
1	Particular	Technical specifications	
	Size	2.2 (L) x 2.4 (W) x 4 (H) feet	
	Structure	MS-toughened steel structure	
	Mobility	4 castor wheels with locking facility	
	Monitor	21.5 inch LED, Full HD Touch display	
		Display Resolution	1920 x 1080
		Refresh Rate	60Hz
		Aspect Ratio	16:9
		Brightness	220 cd/m ²
		Color gamut	72% NTSC
		Contrast Ratio	1000:1 (Typical) 50,000,000:1 (DCR)
		Life Time	60000 Hours
		Response Time	2ms
		Display Color	16.7m
		Touch	PCAP Multitouch
		Viewing Angle	178 / 178
		Port	HDMI , VGA,DVI
		Operation Temp /Humidity	0° - 40°C 20% - 80%
		Storage Temp	-25° - 60°C
		Display Area (mm)	476. 64 (H)×268.1 (V)
		Pixel Pitch (mm)	0.24825
		Scan Frequency (H/V)	30-83KHz/ 50-76Hz
		Pixel Frequency	170MHz
		Input Signal	Analog & HDMIx2
		Input Connector	Analog & HDMIx2
		Cable	Analog, HDMI,MHL,USB & Audio Cable
		Built-in Speaker	2W/Audio In & outx1
	HDCP Compatible	YES	
	Plug & Play	VESA DDC2B™ & DDC2B/CI	
	User Control	source/Auto/exit, Clear Vision/<,Volume/>, Menu/Enter, Power	
	USB Plug	USB2.0x3	
	OSD Languages	16 Languages	
	Amplifier	<ul style="list-style-type: none"> • Controls and indicators Front • On/off switch • Power on LED • LED VU meter for master output (LEDs for -18, -12 -6,-3, 0 dB) • Master volume knob • Four volume knobs for microphone inputs 	

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| | <ul style="list-style-type: none">• Knob for treble level• Knob for bass level• Headphone socket• Background music button Back• Dip switches• Ducking level• Tel/100 V volume control• Microphone and line inputs All Mic/line inputs can be switched between microphone level and line level sensitivity. The inputs are balanced but can be used unbalanced. Phantom power can be switched on to provide power to condenser microphones. Input channels 1 and 2 can take priority over all other microphone and music inputs: • Input 1 can be activated by contact closure on the PTT (push to talk). A 2-tone chime can be configured to precede an announcement. • Input 2 can be switched automatically if a signal is fed to the input i.e. if someone speaks into the microphone (VOX activation). | |
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Mains power supply	
Voltage	230 VAC \pm 10%, 50/60 Hz (reduced power at lower mains or battery voltage)
Power consumption	
Frequency response	50 Hz to 20 kHz (+1/-3 dB @ -10 dB ref. rated output)
Distortion	<1% @ rated output power, 1 kHz
Bass Control	Max -12/+12 dB (frequency is setting dependent)
Treble Control	Max -12/+12 dB (frequency is setting dependent)
RJ-45 input	1 x
Mic/Line input	4 x
Input 1 (Push-to-talk contact with ducking functionality)	5-pin Euro style, balanced, phantom 3-pin XLR, balanced, phantom
Input 2-4 (VOX with ducking functionality on input 2)	3-pin XLR, balanced, phantom
Sensitivity	1 mV (mic); 1 V (line)
Impedance	>1 kohm (mic); >5 kohm (line)
Dynamic range	93 dB
S/N (flat at max volume)	>63 dB (mic); >70 dB (line)
S/N (flat at min volume/muted)	>75 dB
CMRR (mic)	>40 dB (50 Hz to 20 kHz)
Headroom	>17 dB
Speech filter	-3 dB @ 315 Hz, high-pass, 6 dB/oct
Phantom power supply	16 V via 1.2 kohm (mic)
Music input	3 x
Connector	Cinch, stereo converted to mono
Sensitivity	300 mV
Impedance	22 kohm
S/N (flat at max volume)	>70 dB
S/N (flat at min volume/muted)	>75 dB
Headroom	>25 dB
Emergency / telephone	1 x
Connector	7-pin Euro style pluggable screw connector
7-pin Euro style pluggable screw connector	1 V maximum
Sensitivity 100V	100 V maximum
Impedance	>10 kohm
S/N (flat at max volume)	>65 dB
VOX	Threshold 50 mV; attack time 150 ms; release time 2 s

	Master/music output	1 x
	Connector	3-pin XLR, balanced
	Nominal level	1 V
	Impedance	<100 ohm
	Loudspeaker output 100 V	
	Connector	Euro style pluggable screw terminal, floating
	Loudspeaker output 4 ohm	
	Connector	Euro style pluggable screw terminal, floating
	Mechanical	
	Dimensions (H x W x D)	100 x 430 x 270 mm (19" wide, 2U high)
	Mounting	Stand-alone, 19" rack
	Color	Charcoal
	Environmental	
	Operating temperature	-10 °C to +45 °C
	Storage temperature	-40 °C to +70 °C
	Relative humidity	<95%
Gooseneck Microphone	Phantom powered flexible, top mounted microphone	
Handheld Cordless Microphone with receiver	one unit each microphone with receiver system	
Collar Microphone	Yes	
Speakers	<p>Premium-sound cabinet loudspeaker is intended for clear reproduction of speech, foreground and background music to be used in general indoor and outdoor applications. The Premium-sound cabinet loudspeaker consists of a 15 W model, available in a dark color. The loudspeaker has selectable 8 ohm, 70 V and 100 V inputs. The ABS cabinets are fitted with aluminum front-grilles and standard supplied with aluminum bracket. Typical applications are: theme bars, music restaurants, theme parks, retail outlets, audio visual, boardrooms and offices, exhibition areas, showrooms, fitness centers and presentation environments.</p> <p>High-fidelity music and speech reproduction Selectable 8 ohm, 70 V and 100 V inputs Compact yet robust ABS enclosure Supplied with adjustable mounting bracket Complies with international installation and safety regulations</p>	
Multimedia Controller	<p>Full Mechanical control button for dust-proof and water-proof and there are sound and light reminder function Fully Optimized audio solution, MIC full channel hybrid overlay function to make mutual balance while playing music and making presentation. Metal shell with anti-interference, sturdy and durable. Adaptive Carrier Infrared decipher, which is the real and universal infrared learning Dual Communication mode between USB and RS232 to supply the solution for users who may not have a serial port Function of upgrading firmware online. Users can upgrade the Central control firmware program by themselves (by USB port) Provides quick access for users who need customization of some special features</p>	

	Reserved network control port which can upgrade to network control The resolution Full HD port which can reach at 4K full speed digital transmission pictures will be increasingly clear Video- 4 in 1 OUT Audio- 5 in 1 OUT VGA – 3 in 1 OUT USB- 2 in 2 OUT 1 Line Microphone input	
Power Management	Yes	
Platform for Laptop/Books	top platform for books, laptop etc.	
Drawer for Keyboard , Mouse & Visualizer	two side drawers for storage, one top drawer for keyboard and mouse	
Storage Space	3U standard rack system for storage	
Ports	230V AC Power, VGA, HDMI, Network, USB, Audio, Video	
Writing interface	stylus, finger touch	
Safety and security	Universal key for drawers, storage, platform	
Warranty	3 Years Onsite	

4. Specifications of Image Processor / Enhancer required for Center of Excellence:

Sr. No.	Item	Qty (Nos.)
Gooseneck Image Processing Device - Indicate Brand & Model No		
1	Item	Technical specifications
	Image Sensor	1/3 CMOS Color Image Sensor
	Zoom	20x
	Digital Zoom	12x
	Mechanical Zoom	10x
	External Storage	External Storage must be expandable upto 4TB
	Close-up	0.78" (2cm)
	Shooting Area Max.	14.6" x 11" (370 x 280 mm)
	Output Resolution	XGA, SXGA (1280x960), WXGA, 1080p
	High Color Reproduction	ΔE^*ab (mean): 14.8
	SNR	51 dB
	Sharpness	MTF 937 line
	Frame Rate	30 fps
	Lamp	LED side lamp supported by gooseneck
	Power Supply	Internal Power Supply, 100-240VAC
	USB Image Transmission	USB 2.0 (480 Mbps) high speed transmission
	Video/Audio Recording	One-touch records image and sound synchronously
	Microphone	Built-in Microphone
	Image Capture	Single or continuous capturing
Auto Tune	Yes, one button for optimization image	
Image Rotation	0°, 180°, flip, mirror	
		2

Anti-Theft	Kensington anti-theft lock device	
Ports	VGA out, VGA pass through from computer, HDMI in/out, Audio out, RS-232, USB 2.0, Kensington lock slot	
OEM Certification	OEM must have FCC, CE, ROHS and BIS Certificate for Quoted model. Please attach Certificates with the technical Bid	
OEM authorisation	Attach Tender specific OEM authorisation for Gooseneck image processing, device in favour of Principal, Govt. College of Engineering, Karad., for OEM support	
<ul style="list-style-type: none"> • Training and Installation should be provided without additional cost 		
<ul style="list-style-type: none"> • Buyer reserves the right to ask the bidder to produce sample of the product quoted to verify the specification and other T&C of bid at technical evaluation stage. If the product does not satisfy the technical parameter and T&C of the bid, the offer of the bidder will be rejected without any further clarification 		
<ul style="list-style-type: none"> • Specifications complies Certificate on OEM Letterhead to be submitted along with the technical bid 		
<ul style="list-style-type: none"> • Please indicate the brand and model number of quoted items otherwise bid will be summarily rejected. 		
<ul style="list-style-type: none"> • The above specifications are the minimum acceptable specifications. Bidder may offer better specifications but not the lower one otherwise bids will be summarily rejected 		

5. Specifications of Windows System required for Center of Excellence:

Sr. No.	Item	Qty (Nos.)
Windows System - Indicate Brand & Model No		
	Item	Technical specifications
1	Processor	I5 12th Generation CPU
	Chipset	Intel SOC
	RAM	8 GB DDR4
	Storage	1 x M2 NVMC /SATA (512GB SSD) 1 x SATA 2.5
	Front Output	DP1.4, 2x USB2.0
	JAE	1 X HDMI 2.0 Display Port 1 X DP 1.4 Display Port
	Model	Intel Integrated High Performance Graphics
	LAN	Intel i219V Gigabit Ethernet Card
	BT	Yes
	WLan	1X M2 2230 PCIe
	JAE Connector	JAE TX25 80 PIN
	Indicator	1 x Power Indicator, +1 x HDD Indicator
	Type –C	1 x USB 2.0
	Button	1 x System Recovery Button 1 x Reset / Clear CMOS Button 1 x Power On/off Button
	Antenas	2 x Antenas
	OPS 80 PIN Interface	HDMI 2.0, DP1.4, 2 x USB 2.0, 1 x USB 3.0, UART, Audio, Recovery etc.
Audio	1 x3.5mm audio output	
		2

DC – In	12-19V, (4.74a) DC input, up to 90w max
Size	119*180*30mm
Shell Metal	Iron
Cooling	5V dual Fan heat dissipation
Working Temperature	Working Temperature:- - 10° ~50°C Working Humidity:- 10% ~ 90% , non condensing Storage Temperature:- -20°~70°C
Warranty	3 years
<ul style="list-style-type: none"> • Training and Installation should be provided without additional cost 	
<ul style="list-style-type: none"> • Buyer reserves the right to ask the bidder to produce sample of the product quoted to verify the specification and other T&C of bid at technical evaluation stage. If the product does not satisfy the technical parameter and T&C of the bid, the offer of the bidder will be rejected without any further clarification 	
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<ul style="list-style-type: none"> • Please indicate the brand and model number of quoted items otherwise bid will be summarily rejected. 	
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Buyer added Bid Specific ATC clauses

1. Required Manufacture Authorization for all required products. MAF must be bid specific. No general authorization letter will be accepted.
2. Shop Act / Udyam Certificate.
3. GST Certificate with latest GSTR3B
4. Last 3 years ITR with Audited Balance sheet & profit Loss Statements.
5. CA certified Turnover Certificate.
6. Data sheet of offer product with sign & stamp.
7. Self-declaration for never blacklisted in any government organization on seller letter head with sign and stamp.
8. All rights reserve to cancel bid at any stage. No rights to seller for legal action. Jurisdiction of any legal matter is Karad.
9. If any bid is rejected due to valid reason, no communication will entertain.
10. Product compliance sheet on OEM Letterhead with sign and stamp.
11. Service & Support Number- support number must be provide to every material supplying places.
12. Warranty – No charges will be paid by buyer in warranty period.
13. Funds will be released on basis of funds availability. No interest will be paid for delayed payment
14. Submit the letter for acceptance of all terms & conditions on bidder letterhead with sign& stamp.
15. Delivery Location: Govt. College of Engineering, Karad.
16. Installation: All material must be delivered & installed at given location in working hours.
17. All Products must be in commercial category.
18. BIS, ISO, EPR certificate required.
19. Training required as per buyers requirement at buyers place at Govt. College of Engineering, Karad.
20. Buyer reserves the right to ask the bidder to produce sample of the product quoted to verify the specification and other T&C of bid at technical evaluation stage. If the product does not satisfy the technical parameter and T&C of the bid, the offer of the bidder will be rejected without any further clarification
21. Specifications complies Certificate on OEM Letterhead to be submitted along with the technical bid.

TERMS AND CONDITIONS FORM

READ ALL THE FOLLOWING TERMS AND CONDITIONS & SIGN IN THE ACCEPTANCE

Terms and Conditions:

1. The Bidder must use the entire information furnished including scope, detailed requirements of architecture of application, hardware, functional and technical specifications, other annexure, forms, enclosures etc. and other terms and conditions, bill of materials while submitting the response.
2. All responses should be in English language. All responses by the Bidders shall be binding on such Bidders.
3. All responses including commercial and technical proposals would be deemed to be irrevocable offers/proposals from the Bidders.
4. Bidders are advised to attach a letter from an authorized signatory attesting to the veracity of the information provided in the response and the validity of the tender for 90 days from the day of commercial bid opening.
5. Any technical or commercial proposal submitted cannot be withdrawn/modified after the closing date and time for submission of the proposal offers unless specifically permitted by Govt College of Engineering, Karad.
6. Each offer should specify only a single solution which is cost effective and meeting the specifications and it is the responsibility of the Bidder to decide the best of breed solution.
7. In the event the Bidder has not quoted for any mandatory or optional items as required by Govt. College of Engineering, Karad and responded to by the Bidders, the same shall be deemed to be provided by the Bidder at no extra cost to Govt College of Engineering, Karad.
8. Govt. College of Engineering, Karad concludes that everything as mentioned in the documents circulated to the Bidders and responded by the Bidders have been quoted for by the Bidders and there shall be no extra cost associated with the same other than the cost quoted by the Bidder.
9. The Bidder at no point of time can excuse themselves from any claims by Govt College of Engineering, Karad whatsoever for their deviations in conforming to the terms and conditions, payment schedules, timeframe for implementation etc. as mentioned.
10. By submitting a proposal, the Bidder agrees to promptly contract with Govt College of Engineering, Karad for any work awarded to the Bidder.
11. The clarifications or writings issued pursuant thereto shall not be construed as an obligation on the part of Govt College of Engineering, Karad to award a purchase contract for any products, services or combination of them.
12. The responding bidder must not be blacklisted by any Central/ any State Department/ establishments in India at any point of time for breach of ethical conduct or fraudulent practices.
13. Govt. College of Engineering, Karad reserves the right to reject any or all proposals in full without assigning any reason whatsoever.
14. The Bidder has to adhere to the time schedule of activities mentioned and no request to change the last date or extend period/time for submission shall be entertained by Govt College of Engineering, Karad. However, Govt College of Engineering, Karad reserves its

right to extend the date/time for submission of the responses without assigning any reason by notifying in the Website/displayed on the Notice Board.

15. Any additional or different terms and conditions proposed by the Bidder would be rejected unless explicitly assented to, in writing by Govt College of Engineering, Karad.
16. The offers containing erasures or alterations shall not be considered. There should be no hand-written material, corrections or alterations in the offer. Correct/proper technical information of the product being offered must be filled in.
17. The response to the proposal should not carry any sections like 'Clarifications', 'As orally told', 'to be discussed', 'interpretations', 'assumptions' etc.
18. To assist in the scrutiny, evaluation and comparison of offers, Govt College of Engineering, Karad may, at its discretion, ask any of Bidders for clarifications to their offer.
19. Bid Price : Price indicated in the schedule shall be final and fix price for completion of work. The prices quoted by the bidder shall remain firm during the entire period of the contract and shall not be subject to variation on any account. The bid submitted with a variation clause unless asked by Govt College of Engineering, Karad will be treated as non-responsive and rejected.

The Principal, Government College of Engineering, Karad reserves the rights to award the tender to any party or cancel the same, without assigning any reason. The decision of the Principal in this regard will be final and conclusive.

Terms of Agreement:

1. Each of the INSTITUTE (Customer) and the COMPANY (Supplier) shall appoint a "Point of Contact" PoC who shall be the person responsible for addressing strategic relationship issues between the Parties and shall participate in the dispute resolution process. Each PoC shall possess or be able to obtain the requisite corporate power and authority to negotiate and implement, on behalf of the applicable Party, a settlement of any dispute between the Parties hereunder that is brought to its attention to resolve. The initial PoC for INSTITUTE shall be (Name), (Designation), and the initial PoC for COMPANY shall be (Name), (Designation). The INSTITUTE and the COMPANY shall each have the right, from time to time, and upon prior written notice to the other Party, to change their respective PoC. The INSTITUTE and COMPANY will also form committee to resolve dispute if any amicably in mutual understanding.
2. The COMPANY shall not be responsible for and shall be excused of and shall have no liability resulting from any failure to meet the timetable and deadlines or for failure to perform its obligations set out for reasons other than those solely attributable to the COMPANY and if there is a delay not caused by the COMPANY, all dates by which the COMPANY is required to perform any obligation will be deemed to be changed to a subsequent date determined by the Parties mutually, each acting reasonably and taking into account the availability of the required resources.
3. INSTITUTE will provide all the essential facilities in time to the company for completion of scope of the work without disturbance and interruption.
4. COMPANY shall be free to provide any services or design any deliverable(s) that perform same or similar functions to the Company Deliverables being provided hereunder for the INSTITUTE, for any other clients of the COMPANY (including without limitation any affiliate, competitor or potential competitor of the INSTITUTE).

5. The ownership, right, title and interest in any Intellectual Property and Intellectual Property Rights in or attached to any INSTITUTE Materials that INSTITUTE provides to COMPANY in connection with the performance of Services or for incorporation in the Licensed Material or Company Deliverable, shall remain with INSTITUTE and its applicable licensors and nothing contained in this Agreement is intended to nor shall be construed to effect any transfer of ownership rights or title in or attached to the INSTITUTE Materials, to the COMPANY.
6. The COMPANY will defend, indemnify and hold harmless the INSTITUTE and its directors, officers and employees (“INSTITUTE Indemnified Party”), from and against any third-party suit, proceeding, judgment, costs and expenses (including, reasonable attorney fees) to the extent based on allegation that the Services or Company Deliverables as provided to the INSTITUTE by the COMPANY and the use thereof by the INSTITUTE as contemplated in this Agreement an infringement of or misappropriation of the copyright, patent, trademark or trade secret rights of any third party (each, an “Infringement Claim”).
7. Each party (in such capacity, the “Receiving Party”) acknowledges and agrees to maintain the confidentiality of Confidential Information (as hereafter defined) provided by the other party (in such capacity, the “Disclosing Party”) hereunder.
8. In the event of any dispute between the COMPANY and the INSTITUTE, either Party shall notify the PoC of the other Party. If the PoCs of the respective Parties cannot resolve the dispute within fifteen (15) Business Days after notification thereof, they shall escalate the issue to the Committee. If the software Committee cannot resolve the dispute within fifteen (15) Business Days after reference thereof to the software Committee, the dispute shall be resolved by arbitration or litigation. The COMPANY and the INSTITUTE agree in the event of any dispute between the COMPANY and the INSTITUTE, each Party will continue to perform its obligations under the Agreement during the resolution of such dispute, except for the obligations that may be the subject matter of such dispute. This Agreement shall be governed by and interpreted in accordance with the laws of India, without giving effect to the conflicts of law principles thereof and will be subjected to Karad Jurisdiction.

ACCEPTANCE

We accept the above terms and conditions and shall comply with them strictly.

NAME OF THE BIDDER:

ADDRESS:

SIGNATURE

Seal

Date:

Evaluation Process

1. Bids which are not in accordance with prescribed formats, or which are incomplete will be rejected on opening the same.
2. First, Technical Bids will be evaluated along with the eligibility criteria compliance. Bids, which do not confirm the eligibility criteria will be rejected outright.
3. Financial Bids will be opened only for those bids which qualify in Technical Evaluation.
4. Technical Bids will be evaluated on following points with appropriate weightages:
 - a. Profile of the Company
 - Company's existence and profitability
 - Relevant Experience in domain
 - Personnel strength
 - b. Technical Details
 - Technical specifications
 - Provision of User manuals, reports etc. as appropriate
 - c. Delivery Schedule
 - d. Support and Maintenance
 - e. Compliance and/or Deviation from the requirements stipulated in the Request for Purchase.
5. It is required to declare with details if any legal case and/or process is pending against the company in any of the Courts/Statutory Authority in India or Abroad in respect of violation of Intellectual property rights or any other provisions of Government of India's Information Technology Act.
6. Financial Bid Evaluation

On the basis of Technical Bid qualification, Institute will open the Commercial Bids only of the shortlisted vendors. Institute may call the shortlisted vendors during the time of Commercial Bid opening if required.

 - a. Clarity of the quotation
 - In case of Clerical/Totaling error, higher amounts will be considered for evaluation
 - b. Total cost of ownership
 - INSTITUTE reserves the right to accept and or reject in part and or in full any and or all the bids without assigning any reason thereof.

Selection Process

The Institute is following a four stage evaluation and selection process. The stages are;

1. Eligibility evaluation
2. Technical Bid evaluation
3. Vendor Presentation/Demonstration
4. Commercial Bid evaluation

The first phase of Eligibility evaluation will include Institute checking vendor credentials, such as their prior experience of providing similar products/services their financials, their process maturity, strength and spread of their support infrastructure & so on.

Since Institute would like to maximize its ROLE, the solution proposed by the vendors will be evaluated on the basis of the total cost of ownership, including the initial cost of ownership and recurring costs over one year period.

Right to Termination/Cancellation:

Notwithstanding anything contained in this document, Govt. College of Engineering, Karad, reserves the right to cancel/terminate the proposal process without assigning any reason whatsoever, at any time prior to signing the contract and Govt. College of Engineering, Karad shall have no liability for above-mentioned actions.

Period of Validity of Bids

Bids should remain valid for the period of NINETY (90) days from the date of opening of bid prescribed by Govt. College of Engineering, Karad. A bid valid for a shorter period shall be rejected by the Govt. College of Engineering, Karad as non-responsive.

Liquidated Damages

In the event of the Bidder's failure to submit the performance guarantee, documents and supply the solution/equipment as per schedule specified in this Request for Purchase, Govt. College of Engineering, Karad at its discretion, can withhold any payment until the completion of the contract. Govt. College of Engineering, Karad may also deduct from the Bidder as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered services/goods for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not more than 10% of the value of delayed services and goods. The right to claim any liquidated damages shall be without prejudice to other rights and remedies available to Govt. College of Engineering, Karad, under the contract and law.