

Minimum Technical specifications for Desktop		
Main Feature	Sub Feature	Minimum Detailed Specification
A) Processor & Chipset	Processor make, description and Number	Intel Core i5-14 th Generation or Higher / AMD Ryzen 5 8000 series or higher
	No of cores per processor	6 or Higher
	Out of Band management	Required
B) Memory (RAM)	Installed memory (RAM)	16GB or Higher
	Type	DDR5 4800 MHZ or Higher
	Memory (DIMM) slots	Minimum two
	No of DIMM slots populated	ONE
	RAM Expandability	Expandability Up to 64 GB or more (using spare DIMM slots)
C) Ports	USB 3.1/3.2 Gen1/Gen 2	At least 4 ports
	USB Type C Port	One port
	Audio	Headphone and microphone ports or Headphone / microphone combo jack (Universal Audio jack).
	Other	1 X DP Port
		1 X HDMI Port
		1 X parallel Port (Optional)
		1 X serial Port (Optional)
D) Connectivity	Type	Ethernet
	Ethernet Port	10/100/1000 integrated gigabit port
E) Graphics	Type	integrated
	Graphics card description	Intel integrated UHD 770 or AMD Radeon Graphics card or higher
F) Color Display	Size, Type and Resolution	23.8 inch or higher Size, non – touch, IPS or WVA Panel technology, Resolution: 1920x 1080.
G) Storage	Total Capacity of SSD (GB)	1024 GB
	SSD interface	NVMe (PCIe M.2)
H) Power Supply	Rating	220 W or above
I) Keyboard and Pointing Device	Type	Wired standard Keyboard or WIRED standard Keyboard with RUPEE symbol and WIRED OPTICAL scroll Mouse with mouse pad

J) Operating System		Microsoft Windows 11 Professional Factory preloaded. (Windows Certified). Microsoft validate the license key. Upgradable to latest version of Microsoft Windows as when available/Released
	Type	64 bit and Licensed
	Recovery image media	Recovery Partition + 25 USB recovery media foreach company
K) Certifications	Types	I. EPEAT
		II. TCO 8.0 for Display and CPU both
		III. RoHS Certification
		IV. Microsoft MAF
		V. OS Certification: Windows
		VI. BEE India Star version OR Energy Star
		VII. BIS registration under CRS of MeitY: YES
		VIII. BIS registration number and its Validity: To be provided
L) Security	Type	Hardware Trusted Platform Module (TPM) 2.0
M) Mic		Dual Mic (optional)
N) Speakers		Speakers integrated with display
O) Warranty	Period and type	5 years on site OEM Warranty
P) Make & Model		To be specified by the bidder
Q) Cabinet	Cabinet form Factor	Tower OR SFF OR MFF
R) Escalation Matrix for Service Support		Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support
S) Partitions		Partitioning should into Two drives C, D and third is Recovery partition for Factory Reset Options.
T) Software		Pre-Installation of applications provided by GUVNL OR its subsidiaries such as Office Suite – LibreOffice, Java, Browsers, PDF Reader, Antivirus client etc.
U) Sticker		Non Peelable AND Non-Erasable Sticker “Property of <Company Name>” with AssetTag, Supplier Name, Purchase order No, PO date, warranty expiry date, Vendor contact Number & e-mail id, OEM Toll free Number & e-mail id, OEM Toll free Number & e-mail id for service.
V) Printing or Sticker		Printing or (Non Peelable AND Non-Erasable Sticker) of “Property of <Company Name>” on Front Side of Monitor, Front side cabinet, Front Side of key bord and Top side of Mouse. Font Size and colour should be such that it can be Easily readable.
W) UPS		600 VA (20 Min Backup) with Surge Protection

Minimum Technical specifications for All-In-One PC

Main Feature	Sub Feature	Minimum Detailed Specification
A) Processor & Chipset	Processor make, description and number	Intel Core i5-14 th Generation or Higher / AMD Ryzen 5 8000 series or Higher
	No of cores per processor	6
	Out of Band management	Required
B) Memory (RAM)	Installed memory (RAM)	16GB
	Type	DDR5 4800 MHZ or Higher
	Memory (DIMM) slots	Minimum two
	No of DIMM slots populated	ONE
	RAM Expandability	Expandability Up to 64 GB or more (using spare DIMM slots)
C) Ports	USB 3.1/3.2 Gen1/Gen 2	At least 4 ports
	USB Type C Port	One port
	Audio	Headphone and microphone ports or Headphone / microphone combo jack (Universal Audio jack).
	Other	1 X DP Port
		1 X HDMI Port
D) Connectivity	Type	Ethernet
	Ethernet Port	10/100/1000 integrated gigabit port
E) Graphics	Type	integrated
	Graphics card description	Intel integrated UHD 770 or AMD Radeon Graphics card or higher
F) Color Display	Size, Type and Resolution	23.8 inch or higher Size, non – touch, IPS or WVA Panel technology, Resolution: 1920x 1080.
G) Storage	Total Capacity of SSD (GB)	1024 GB
	SSD interface	NVMe(PCIe M.2)
H) Power Supply	Rating	120 W or above
I) Keyboard and Pointing Device	Types	Wired standard Keyboard or WIRED standard Keyboard with RUPEE symbol and Wired OPTICAL scroll Mouse with mouse pad
J) Operating System		Microsoft Windows 11 Professional Factory pre-Loaded. (Windows Certified). Microsoft Validate The license key. Upgradable to latest version of Microsoft Windows as an when available/ Released
	Types	64 bit and Licensed
	Recovery image media	Recovery Partition + 25 USB recovery media for Each company
K) Certifications	Types	I. EPEAT
		II. TCO 8.0 for Display and CPU both
		III. RoHS Certification
		IV. Microsoft MAF
		v. OS Certification: Windows
		VI. BEE India Star versions OR Energy Star
		VII. BIS registration under CRS of MeitY: YES
		VIII. BIS registration number and its validity: To be provided

L) Security	Type	Hardware Trusted Platform Module (TPM) 2.0
M) Webcam	Resolution	Full HD
N) Mic		Inbuilt dual Mic
O) Speakers		Speakers integrated with display
P) Stand		Height adjustable
Q) Warranty	Period and type	5 years on site OEM Warranty
R) Make & Model		To be specified by the bidder
S) Form Factor		All in One
T) Escalation Matrix for Service Support		Bidder/OEM must Provide Escalation Matrix of Telephone Numbers for Service Support
U) Partitions		Partitioning should into Two drives C, D and third is Recovery partition for Factory Reset Options.
V) Software		Pre-Installation of applications provided by GUVNL OR its subsidiaries such as Office Suite -LibreOffice, Java, Browsers, PDF Reader, Antivirus client etc.
W) Sticker		Non Peelable AND Non-Erasable Sticker “Property of <Company Name>” with AssetTag, Supplier Name, Purchase order No, PO date, warranty expiry date, Vendor contact Number & e-mail id, OEM Toll free Number & e-Mail id for service.
X) Printing or Sticker		Printing or (Non Peelable AND Non-Erasable Sticker) of “Property of <Company Name>” on Front side of Monitor, Font size of key board And Top side of Mouse. Font size and colour Should be such that it can be easily readable.
Y) UPS		600 VA (20 Min Backup) with Surge Protection

Technical Specifications of Printer

Parameters	Specifications
Function	Print
Technology	Laser, A4
Print Type	Mono
Printer Speed / First Page out	Min. 15 ppm or Higher / as fast as 10 sec
Resolution	600 x 600 DPI or Higher
Specifications	
Duty Cycle (Monthly)	Up to 8000 Pages
Recommended Monthly Printing	2000 Pages
Interface	Compatible With USB 2.0/3.0
Duplex print options	Yes, Manual/Auto
Paper Handling	
Input Capacity	150 sheet multipurpose tray
Output	As per OEM Standard
Supported Media sizes	A4, Letter, Executive, Legal
Power	
Power Supply Type	Built power supply / power supply required: 220 volt Input Voltage; 220 to 240 VAC ($\pm 10\%$), 50/60 ($\pm 3\text{Hz}$)
Power Consumption	< 600 Watts (Printing)
Certification	Energy Star Compliant
Compatible With OS	Windows 10 Prof. 64 bit
Warranty	5/5/5 onsite OME warranty with all accessories