

KUCHINDA COLLEGE, KUCHINDA



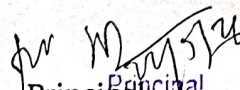
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AT/PO- KUCHINDA-768222
Dist. Sambalpur (Odisha)

Letter No. 481/26

Date. 22/05/26

To
Ms _____

You are hereby inform to quote price of Computer as per specification and brand on or before 30.05.2026. The quotation should reached the undersign either mail or speed post.


Principal
Kuchinda College, Kuchinda

Encl:
1. Specification

Annexure-B

Amount sanctioned & quantities of IT items to be purchased

Sl. No.	Non-Govt. Aided Colleges	No. of Colleges	Amount to be released per Colleges	No. of items to be procured by each institute	Total Amount (Column 2 x Column 3)
	1	2	3	4	5
1	No. of Non-Govt. Aided Colleges having student strength more than 2000	12	750000	1. i5 (or above min 12 th Gen) All in One Desktop =10 nos. 2. UPS =10 nos. 3. Multi Function Printer=1 no.	9000000
2	No. of Non-Govt. Aided Colleges having student strength more than 1000 & less than 2000	93	600000	1. i5 (or above min 12 th Gen) All in One Desktop =8 nos. 2. UPS =8 nos. 3. Multi Function Printer=1 no.	55800000
3	No. of Non-Govt. Aided Colleges having student strength more than 500 & less than 1000	185	375000	1. i5 (or above min 12 th Gen) All in One Desktop =5 nos. 2. UPS =5 nos. 3. Multi Function Printer=1 no.	69375000
	TOTAL	290			134175000

23.8-inch FHD Display, Intel Core i5 Processor , 8GB DDR5 RAM, 512GB SSD, Windows 11 Home

2. AIO - Intel 15

Motherboard	
Chipset Series	Intel Q series
Chipset Number	Intel Q670
Expansion Slot(Mdot 2)	2 or higher
Processor	
Processor Make	Intel
Processor Generation	14
No Of Cores per processor	10 or higher
Processor Base frequency (GHz)	2.5 or higher
Processor Discription	Intel Core i5
Processor Number	Intel Core i5-14500
Out of band management	NA
Cache (MB)	24
Graphics	
Graphics Type	Integrated
Graphics Card Description	UHD graphics
Size of Memory in case of Dedicated Graphic Card (GB)	0
Size of VRAM in Case of integrated Graphics (MB)	0
Operating System	
Operating System (Factory Pre loaded)	windows 11 Professional
Recovery Image Media	CD from the OEM/ Stored in partition of Hard disk /USB Drive from the OEM /On Line /Cloud
OS certification	windows
Memory	
Type of RAM	DDR5
Ram Size (GiB)	16
RAM speed(MHz)	4800
Total no of DIMM Slots Available	4
No of Dimm Slots populated	2
RAM Expandibility	64
Storage	
Types of Drives used to populate the internal Bays	SSD
Number of internal Bays Populated with HDD	0
Capacity of Each HDD	NA
Total HDD Capacity(GiB)	0
No of internal Bays populated with SSD	1
Capacity of each SSD (GB)	512
Total SSD Capacity (GB)	512
Optane Memory	0
Display	
Display Size	23.8
Display Type	Non Touch

Panel Technology	IPS/TN/VA
display Resolution	1920*1080
Availability of Web Cam integrated with display	yes
If yes , Resolution of Web Cam	FHD
Availability of Speakers integrated with display	yes
If Yes , speakers available	2
Connectivity	
Wireless connectivity	Yes
If Yes, Types of wireless connectivity	wifi 6
No of ethernet ports	1
Types of Ethernet Ports	10,100,1000 on board integrated gigabu ports
Bluetooth Connectivity	Yes
If Yes , Version of Bluetooth Available	Bluetooth version 5.3
Ports	
No of USB Version 2 Ports	0
No of USB Version 3 point 2 , Gen 1 Ports	2 or higher
No of USB Version 3 point 2 , Gen 2 ports	3 or higher
No of USB Type C ports	1 or higher
No of serial Ports	0
No of VGA ports	0
No of HDMI Ports	1
No of DP ports	1
Generic	
Optical Drive	N/A
Audio In	Yes
Audio Out	Yes
Headphone out	Yes
Microphone in	Yes , Dual - Array
Stand	Height adjustable
Power	
Power supply	Internal(without any adapter)
Power supply capacity (watt)	150 or higher
Minimum power efficiency	85 -90
Certification	
BIS Registration	Yes
ROHS Compliance	Yes
BEE/ Energy Star for given model	Yes
Other certification	TCO , UL, FCC, CE, ISO 9001,14001,27001/20001
Mouse connectivity	wired
Type of mouse	optical scroll
Keyboard Connectivity	wired
Type of Keyboard	standard
Operating Conditions	
Minimum Operating Temperature	5 degree celsius
Maximum Operating Temperature	35 degree celsius
Minimum Operating Humidity	5
Maximum Operating Humidity	90
Warranty	
Onsite Oem warranty	5
OS certification	Windows & UBUNTU/Redhat Suse Linux

4. UPS

600 VA UPS		
S/N	Parameter	Minimum Specifications
1	Capacity	600 VA or more Line Interactive
2	Technology	Automatic Voltage Regulation
3	Input Frequency Range	50 Hz \pm 5%
4	Output Frequency Range	50 Hz \pm 5%
5	Input Voltage	160 V - 280 V, Single phase AC
6	Output Voltage	180VAC - 250 VAC \pm 10%
7	Voltage Regulation	\pm 10% (or better)
8	Output Waveform	Modified Sine Wave
9	Output Power Factor	0.6 or more
10	Battery type	SMF-VRLA built-in. Minimum Vah should be 84 Vah
11	Battery make	Exide/Quanta/Uplus/NEE/Panasonic /Yuasa/Rocket (Battery
12	Battery Backup	Minimum backup of 15 Minutes
13	Operating Temperature	0 to 40 Degree Celsius
14	Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains presence or fail, UPS mode, low battery, overload
		<ul style="list-style-type: none"> If input voltage goes outside the range 160V-280V, the system shall switch over to UPS mode. Over Voltage, short circuit and overload at UPS output terminal, no load shut down. Under voltage at battery terminal, Battery over charge
15	Protections	<ul style="list-style-type: none"> It should protect from input voltage variation
16	Certifications	BIS certified at the time of bidding
17	Warranty of UPS and Battery	The UPS warranty must be 3 years, during the contract bidder has to ensure the battery life to provide required backup time & during the contract period as when required bidder has to replace the batteries without additional cost to the tenderer. Batteries support must be up to 3-years
18	Certifications	BIS, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 20000-1:2011, ISO 27001:2013, ISO 50001:2018

Revised specification of Hardware and Microsoft Office with ATC

19	Web Support	It is mandatory to provide online centralized call tracking system Like OVSD (Open view Service Desk) for monitoring of logged calls viewing through web / windows based access for at least 2 officials.
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