

Quantities and Specifications of IT items to be purchased

Sl.No	Total Amount	Detail Items	Quantity
1	3,75,000	1. i5(or above Min 12th Gen) All in one Desktop	5 nos
		2. UPS	5 nos
		3. MFM Printer	1 no

Buyer Added Terms & Conditions (For IT Infrastructure)

- Bidder to submit BID Specific authorization with name, address, mail id of the respective authority of OEM.
- Specific Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. (Datasheet must be with model wise not respective series). Product serial no's and warranty information should be available in public domain.
- Compliance sheet and EOL certificate of each items must be in OEM Letterhead with company seal & sign by Local Business Manager. Malicious Quote and Warranty Certificate must be provided by the OEM.
- Bidder must have a Functional Office in the State of Consignee's Location document proof of this uploaded by Bidder.
- Bidder should have ODISHA GST registration copy & PAN certificate is to be submitted by the Bidder for after sales service support.
- Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- The authority reserves the right to cancel the bid at any time without assigning any particular reasons thereof.
- OEM Should have Certification - ISO 9001, 14001, ISO 20001, ISO 27001 for OEM, TCO 8.0 certification for Monitor, Energy star 7.1, EPEAT Certified, ROHS and UL certificate. OEM should be present in the TOP 3 No's as per latest IDC report.
- Bidder must submit 3% of the quoted values as EMD. EMD is mandatory in the BID. Demand Draft for EMD payable to DAYAVIHAR COLLEGE (+3), Payable at KANAS, Puri, Payable at Kanas. The DD must be issued by a nationalized bank on or before the last date for submission of Bid.
- Within 15 days of the receipt of Notification of Award / Letter of Intent from the

Purchaser, the successful Bidder shall furnish the Performance Security in the form of Bank Guarantee executed on non-judicial stamp paper worth Rs.100/- (Rupees One hundred only) issued by a Public Sector Bank in favour of Principal, Dayavihar College +3 10% of the quoted value for the period of 39 months.

Detail Specification of the items

2. AIO Intel i5

Motherboard	
Chipset Series	Intel Q series
Chipset Number	Intel Q670
Expansion Slot (M.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 Description	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 (GB)	16
RAM speed (MHz)	4800
Total no of DIMM Slots Available	4
No of DIMM Slots populated	2
RAM Expandability	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 (GB)	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 gigabit ports
Bluetooth Connectivity	Yes
If Yes, Version of Bluetooth Available	Bluetooth version 5.3
Ports	
No of USB Version 2 points 0 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	NA
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	Value
BIS Registration	Yes
ROHS Compliance	Yes
BEE Energy Star for given model	Yes
Other certification	TCO, CE, FCC, UL, 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	
On site 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 +/- 5%
4	Output Frequency Range	50 Hz +/- 5%
5	Input Voltage	160 V - 280 V, Single phase AC
6	Output Voltage	180VAC - 250 VAC +/- 10%
7	Voltage Regulation	+/- 10% (or better)
8	Output Wave form	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 / NCD / 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. - 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	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

S/N	Specification Header	Description / Details
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.