

# OFFICE OF THE PRINCIPAL MAA MARKAMA +3 COLLEGE

## BISSAMCUTTACK, DIST - RAYAGADA TENDER NOTICE

Maa Markama +3 College, Bissamcuttack invites sealed Tenders for following items from the reputed agencies. The Tender document may be downloaded from our website <https://mmplus3college.in/>

Tender No	Name of the Items	Last date & time of submission of Tender form	Date & Time of opening Technical Bids	Date & Time of opening Financial Bids
01/2026-27	Supply and installation of 5 (Five) all-in-One desktop computers along with compatible UPS, and one MF (c) printer.	13.07.2026, 4.00 P.M.	17.07.2026 10.00 AM	17.07.2026 12.00 P.M

Interested agencies may submit their sealed tenders in two bid system i.e. Technical Bid & Financial Bid as per terms & conditions of the tender documents. The filled in tender form of each item with tender fees and earnest money by Demand Draft in favour of Principal-cum-Secretary, Maa Markama +3 college, Bissamcuttack. The document should reach to the college office clearly super scribed "Tender for....."

**Sd/-Principal-cum-Secretary,**

**Maa Markama +3 College, Bissamcuttack**

Email id- [mmdegreecollege@gmail.com](mailto:mmdegreecollege@gmail.com), [www.mmplus3college.in](http://www.mmplus3college.in)

Contact No: 9337150340/7978477560

**MAA MARKAMA +3 COLLEGE, BISSAMCUTTACK**

**DIST – RAYAGADA**



**Request for proposal to select supplier for  
“Supply and Installation of 5(five)All-In-One desktop computers  
along with compatible UPS, and one MF( C ) Printer”.**

**TENDER NO : 01/2026-27**

**Date: : 23/06/2026**

**Issued By:**

Principal,

Maa Markama +3 College,

Bissamcuttack – 765019

*Anusha* 23/6/26  
Principal-cum-Secretary  
Maa Markama +3 College  
Bissam Cuttack, Rayagada

## TABLE OF CONTENT

<b>Description</b>	<b>Page No</b>
Schedule for Tender	02
Eligibility Criteria	03
Bid Submission	04
General Term and Conditions of the Bid	05
Annexure - I	06
Annexure II - Details of the Tender	7-12
Annexure III- Price Schedule	13
Annexure IV - Self Declaration for Not Black Listed	14
Annexure V - Works Executed / Work in Progress of similar Nature	15
Technical Proposal Submission Form	16
Financial Turnover Details	18
Financial Proposal Submission Form	20
Certificate of willingness to be submitted by all firm	21

## SELECTION 1 : SCHEDULE OF RFP

Sl. no	Particulars	Details
1	Tender No.	
2	Name of the Tender issuer	Principal, Maa Markama +3 College, Bissamcuttack
3	Scope of Work	Supply and Installation of 5(five) All-In-One desktop computers along with compatible UPS , and one MF( C ) Printer
4	Quantity to be supplied	As per Annexure I
5	Cost / fee of tender documents	Rs 1000/- in form of a DD drawn in favour of Principal, Maa Markama +3 College, Bissamcuttack
6	Earnest Money Deposit (EMD)	Rs. 10, 000/-
7	Performance Bank Guarantee(PBG)	5% of bid value
8	Date of issue of tender document	25.06.2026
9	Date and Time of Pre bid clarification	01.07.26, 11.00AM
10	Last Date and Time for submission of Bids	13.07.26, 04.00PM
11	Date and Time of Opening of Technical Bids	17.07.26, 10.00AM
12	Date and Time of Financial Bid Opening	17.07.26, 12.00PM
13	Name of the contact person for Communication	Dr Aswini Kumar Panda/ Sri Niranjan Padhy
14	Contact number of the concern person	9337150340/8249390192
15	Address/venue for submission/opening of such proposal.	Principal, Maa Markama +3 College, Bissamcuttack, Rayagada, Odisha. 765019

## **ELIGIBILITY CRITERIA**

The bidders who are desirous for above work require fulfilling the following condition.

1. Must be registered under GST Act.
2. Must have average annual turnover for the last three years i.e.2023-24, 2024-25& 2025-26 should not be less than Rs. 3 Lakhs. The bidder must submit copy of audited balance sheet and profit & loss account certified by the chartered accountant along with the acknowledgment of income tax return as a proof in the Technical bid.
3. Should not have been blacklisted by any state govt. / central govt. / PSU in India. A self declaration is required as per Annexure IV.
4. Experience of having successfully completed similar\* jobs during last 3 years (as of 01.06.2023 - 31.05.2026) as follows:-  
OR  
Two similar\* completed works each costing not less than Rs 2Lakhs.  
\*similar work – Supply of computer set any Government/Private office.  
The Bidder is required to submit the work order
5. Must have a valid PAN.

## **BID SUBMISSION**

Steps to be followed for submission of bid:

1. The bid shall be submitted in three parts, the EMD, Technical Bid & the price Bid.
  - i. Earnest Money Deposit (EMD): Bidder has to submit EMD of required amount in the form of Demand draft.  
Order drawn in favour of "Principal, Maa Markama +3 College" payable at Bissamcuttack. The EMD should be sealed in one envelope marked as "EMD".

Earnest Money Deposit will not carry any interest. The EMD of unsuccessful bidders will be refunded on acceptance of the work order by the successful bidder. The EMD of successful bidder will be returned/adjusted on submission of performance security.

The bid not accompanying EMD is liable to be rejected.

- ii. The Technical bid sealed in another envelope marked as "**TECHNICAL BID**" and shall contain
  - The bidder should supply the items as per technical specification mentioned in Annexure I.
  - The bidder should Details as per Annexure II, duly filled in, signed and complete in all respects. No alteration / modification in the format shall be permitted.
  - A self declaration that the tender has not been blacklisted by any State Government / Central Government / PSU in India as per Annexure IV.
  - Audited balance sheet and profit & loss account along with copy of acknowledgement of income tax return of last three financial years i.e. 2023-24, 2024-25& 2025-26.
  - Details of successfully completed or work in progress of similar jobs (as explained in point 4 of Eligibility criteria) during last 3 years as per Annexure V.
- iii. The Price bid shall be sealed in an envelope marked as "**PRICE BID**" and shall contain the price bid as per Annexure III duly completed in all respects.

Rate quoted should be inclusive of GST No extra cost will be borne by the college towards transports of goods. No price increases on account of change in tax structure, duties, levies, charges etc shall be permitted.

**The three separate envelope containing EMD, technical bid and price bid should be sealed in one envelope and should be addressed as per tender schedule super-scribed as "Supply and Installation of Desktop Computers".**

## **GENERAL TERMS AND CONDITIONS OF THE BID**

Note: Bidder must read these conditions carefully and comply strictly while submitting their bids.

1. Bidder shall prepare the bid and submit it in a sealed envelope addressed to Principal, Maa Markama +3 College, Bissamcuttack and send it through speed post/registered post/courier only(no hand delivery will be entertained). Each envelope should bear the name of bidder, along with the tender number. However the authorities shall not be responsible for postal and other delays in receipt of the bids.
2. Bidders are requested to check for any notice / amendment/ clarification etc to the tender Document through the website [www.mmplus3college.in/](http://www.mmplus3college.in/) Notice board of the office of Maa Markama +3 College. No separate notification will be issued for such notice / amendment /clarification etc. in the print media or individually.
3. The bidders should note that prices should not be indicated in the Technical bid and should be quoted only in the price bid as per Annexure III . In case the prices are indicated in the Technical bid, the bid shall stand rejected.
4. "Pre-Bid Meeting" with the intending bidders shall be held on 01-07-2026, 11.00AM At Maa Markama +3 College. Any queries related to this tender shall be sent to the mail id: [mmdegreecollege@gmail.com](mailto:mmdegreecollege@gmail.com) 1 day in advance. The clarifications if any will be uploaded in the department web site. All bidders are invited to attend the pre-bid meeting. No deviation to any of the terms will be permitted after freezing of the same at pre-bid meeting.  
On the date of pre bid meeting the bidders may make site verification where installations is to be made. No remunerations shall be provided for the meeting.
5. **OPENING OF TECHNICAL BID:**  
The technical proposal will be opened on 17.07.2026,10.00AM in the presence of the tender committee and representative of the bidders. No separate intimation will be given to the bidders in this regard.
6. **EVALUATION PROCESS:**  
Technical proposal will be evaluated on the basis of compliance to eligibility criteria, technical specification, and other terms & conditions stipulated in the tender document. Financial proposal will be opened only of those bidders who qualify in the technical evaluation. The committee reserves the right to reject any or all the tender without assigning any reason thereof.
7. **AWARD OF CONTRACT:**  
Financial bids with lowest price quotation for the assignment as per Annexure III will be considered for negotiations and award of contract. However where there is tie between bidders in lowest evaluated package price, the person having highest financial turnover in the preceding 3 financial year will be given preference.
8. **PERFORMANCE BANK GUARANTEE:**  
The selected bidder shall deposit performance security of 5% of bid value in the form of a demand draft/ fixed deposit receipt from a commercial bank guarantee from a commercial bank within fifteen (15) working days of the date of notice of award of the tender. The performance security deposit will be retained till completion of the warranty period.

9. WARRANTY:

The computers which are to be supplied to the college should be NEW as on date of receipt and should be having all components required. The entire system including accessories will remain under onsite comprehensive maintenance and warranty for a period of one year from the date of successful commissioning and testing.

The service support during warranty period shall be for all components of system. The bidder shall impart onsite training to the officials as to operating the systems.

10. The bids not submitted in prescribed format or in prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.
11. All the information as called for in the tender document should be submitted truly, clearly, legibly, transparently, unambiguously and without using abbreviations.
12. In the financial bid the total figures should be written in figures followed by words.
13. Each page of the tender document should be signed by the bidder with seal, in token of having understood and accepted the terms and conditions of the contract and serially numbered and page marked.
14. A bid submitted cannot be withdrawn. The bidder or his authorized representative has to attend with proper records (one person only) will be allowed to be present at the time of opening of tenders.
15. The tendering authority reserves the right to accept any bid, and to annul the bid process and reject all bids at any time prior to award of contract, without assigning reasons & without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the action.
16. All the transit risks shall be responsibility of the supplier.
17. All the disputes shall be subjected to the jurisdiction of civil courts situated in Bissamcuttack.
18. Any matter which has not been covered under these provisions shall be governed as per the provisions of Odisha state Government Rules.
19. If the work is found un-satisfactory or if the firm dishonors the contract, the performance security deposit may be forfeited and the job may be entrusted to another firm. In this regard the decision of the committee is final and binding on the contractor.
20. Any notice given by one party to the other pursuant to this contract shall be sent in writing to principal, Maa Markama +3 College, Bissamcuttack.
21. Completion period:  
The work shall be completed in all respect within 30 days from the date of issue of the work order.
22. The college reserves the right to cancel the tender at any point of time without giving any reasons thereof.
23. An agreement is to be made between the Principal, Maa Markama +3 College, Bissamcuttack as First Party and L1 bidder as second party with witness from both the parties.

**ANNEXURE- I**

**Items to be Supplied and Installed**

**5 numbers of desktop computer & other IT infrastructures as per specifications below.**

SL. NO.	ITEMS	INDICATIVE SPECIFICATION	UNITS	ESTIMATED PRICE (not to be more than)	
				Unit	Total
1	All-In-One Desktop Computers	i5(or above with 12 gen or higher)	5		
2	UPS	-----	5		
3	Printers	MFM	1		

- **DETAIL SPECIFICATION ATTACHED BELOW**

**ANNEXURE- II**

<b>All in One PC Specifications</b>	
<b>Parameter</b>	<b>Specifications</b>
Chipset Series	Intel Q Series
Chipset Number	Intel Q670
Expansion Slot ( Mdot2)	2 or higher
Processor	
Processor Make	Intel
Processor Generation	14
Number 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 Graphics Card (GB)	0
Size Of VRAM In Case Of Integrated Graphics (MB)	0
Operating System	
Operating System (Factory Preloaded)	Windows11Professional
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 Number of DIMM Slots available	4
Number of DIMM Slot populated	1
RAM Expandability	64
Storage	
Type of Drives Used to populate the internal Bays	SSD
Number of Internal Bays populated with HDD	0
Capacity of each HDD(GB)	NA

Total HDD Capacity(GB)	0
Number of Internal Bays populated with SSD	1
Capacity of each SSD(GB)	512
Total SSD Capacity(GB)	512
Optane Memory	0
Display	
Display Size(INCHES)	23.8
Display Type	Non Touch
Panel Technology	IPS/TN/VA
Display Resolution	1920 * 1080
Availability of Web Cam Integrated With Display	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
Number of Ethernet Ports	1
Type of Ethernet Ports	10/100/1000 on board Integrated gigabit Port
Bluetooth Connectivity	Yes
If YES, Version of Bluetooth Available	Bluetooth Version 5.3
Ports	
No. of USB Version 2 points 0 ports 1	0
Number of USB Version 3 point 2, Gen 1 Ports	2 or higher
Number of USB Version 3 point 2, Gen 2 Ports	3 or higher
Number of Type C Ports	1 or higher
Number of serial Ports	0
Number of VGA Ports	0
Number of HDMI Ports	1
Number of DP Ports	1
Generics	
Optical Drive	N/A
Audio In	Yes
Audio Out	Yes
Headphone Out	Yes
Microphone In	Yes, Dual- Array
Stand	Height Adjustable

Power  
Power  
Power  
Minim  
Certifi  
BIS R  
ROHS  
BEE/  
Other  
Mous  
Type  
Keyw  
Type  
Minim  
Maxim  
Minim  
Maxim  
On S  
OS C

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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, ISOP 9001,14001, 27001/20001
Mouse Connectivity	Wired
Type of Mouse	Optical Scroll
Keyboard Connectivity	Wired
Type of Keyboard	Standard
Operating Condition	
Minimum Operating Temperature	5 Degree Celsius
Maximum Operating Temperature	35 Degree Celsius
Minimum Humidity	5
Maximum Humidity	90
Warranty	
On Site OEM warranty	5
OS Certification	Windows & UBUNTU/ Redhat / Suse/ Linux

Revised Specification of Hardware and Microsoft Office ATC

1	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 at least 2 officials
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## SPECIFICATION FOR 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	160V - 280V, Single Phase AC
6	Output Voltage	180VAC - 250VAC $\pm$ 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/ NED / Panasonic / Yuasa / Rocket (Battery)
12	Battery Backup	Minimum 15 minutes
13	Operating Temperature	0° to 40° 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 shutdown Under voltage at battery terminal
		over charge
15	Protections	Protection from input voltage variation
16	Certifications	BIS certified at the time of bidding
17	Warranty of UPS and Battery	The UPS 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 tender. Battery support must be up to 3 years.
18	Additional Certifications	BIS-ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 20000-1:2011, ISO 27001:2013, ISO 50001:2018

**SPECIFICATIOPN FOR MULTIFUNCTION RINTER (COLOR)**

Description of Stores	Multifunction Machine Printer with Minimum 1 Year On Site Warranty, including Cartridge and Power Cord/Adapter
Print Technology	Inkjet
Type of Printing	Colour
Print Paper Size	A4, A3 and Legal
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size Monochrome (Black) (in PPM)	21 to 25
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size Colour (in PPM)	21 to 15
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size Mono (in PPM)	11 to 15
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size Mono (in PPM)	11 to 15
Auto Duplexing Printing/Coping (2-sided Feature)	Yes
Original Document Feeder Type (For Scanning and Copying)	Reverse/Duplex Automatic Document Feeders (RADF/DADF)
Number of Main Paper Tray	2
Connectivity	USB Port, Ethernet Port, Wi-Fi

**ANNEXURE-III**

**PRICE SCHEDULE**

To,  
Principal,  
Maa Markama +3 College,  
Bissamcuttack-765019

Ref: Bid no. .... Dated .....

Sir,

I/we ..... Hereby offer to supply the following items at the prices and within the period indicated below:

Sl no.	Description	Make and Model	Qty. in Nos	Unit Price	Total Amount
1					
2					
3					
<b>Total(A)</b>					
4	<b>Installation and commissioning Charges for the total Project(B)</b>				
<b>Total(B)</b>					

It is herewith certified that we have understood the general terms and conditions of the bid and our offer is to supply items strictly in accordance with the requirements and the terms mentioned in the bid.

Note

No changes in the Performa are permissible.

Date:

Place:

(Signature and Seal of the bidder)

**SELF DECLARATION FOR NOT BLACK LISTED**

To,

The Principal

Maa Markama +3 College, Bissamcuttack

Dist – Rayagada, Pin- 765019

Sub: Self declaration for not black listed.

Ref: Tender no. .... Dated: .....

Sir,

I/We ..... Here by confirm that our firm has not been  
banned/ blacklisted by any Government organization / Financial institution / court / public sector unit /  
Central Govt.

Date:

Place:

(Signature and Seal of the bidder)

**ANNEXURE-V**

Work 'Executed / in-progress' as prime Contractor on works of similar nature (of value not less than Rs. 2 Lakhs) over the last 3 years.

Sl no.	Name and address of client	Description of work	Contract no.	Value of work (in Lakhs)	Date of issue of work order	Stipulated period of completion	Actual date of completion	Project name	Remarks explaining reason for delay

**Notes:**

1. Information has to be filled up specifically in this format.
2. For certificates, the issuing authority shall not be less than an executive in charge.
3. Document proofs of work orders and performance certificates from the client's needs to be attached.

Signature and seal of bidder

## TECHNICAL PROPOSAL SUBMISSION FORM

To,

The Principal

Maa Markama +3 College, Bissamcuttack

Dist- Rayagada, PIN- 765019

Sub : Submission of Technical Proposal to select supplier for "Supply and Installation of 5(five) All-In-One desktop computers along with compatible UPS , and one MF( C ) Printer" at the college.

REF: Tender No....., Dated - .....

Dear Sir,

I, the undersigned, offer to participate in the selection process to selected supplier for "Supply and Installation of 5(five) All-In-One desktop computers along with compatible UPS , and one MF( C ) Printer" at the college, in accordance with your Tender No:

I am here by submitting Technical Proposal, which includes EMD, Technical Proposal and Financial Proposal sealed in separate envelopes. I hereby declare that all the information and statements made in the Technical & Financial Proposals are true and correct. I accept that any misinterpretation contained in it may lead to disqualification of my proposal.

I hereby unconditionally undertake to accept all the terms and conditions as stipulated in the RFP document. In case any provision of this RFP are found violated, then your colleges shall without prejudice to any other right or remedy be at liberty to reject our proposal including forfeiture of the full said earnest money deposit absolutely.

Signature and Seal of the Bidder

## **FINANCIAL TURNOVER DETAILS**

Financial Turnover of the Organization during Last Three Financial Years (Certified by a Practicing Chartered Accountant)

<b>Sl. No</b>	<b>Financial Year</b>	<b>Turnover INR</b>
1	2023-24	
2	2024-25	
3	2025-26	
Average Annual Turnover for the last three years (INR)		

Name of the C A Firm:

Firm Registration No:

Name of the Chartered Accountant:

Membership No:

Signature with Seal:

Signature and Seal of the Bidder

## FINANCIAL PROPOSAL SUBMISSION FORM

To,

The Principal,  
Maa Markama +3 College,  
Bissamcuttack, Rayagada

Sub: Submission of Financial Proposal to select supplier for "Supply and Installation of 5(five) All-In-One desktop computers along with compatible UPS , and one MF( C ) Printer" at the college.

RFP: RFP Tender document no. ....

Dear Madam/Sir,

I, the undersigned, here by submitting the Financial Proposal select supplier for "Supply and Installation of 5(five) All-In-One desktop computers along with compatible UPS , and one MF( C ) Printer" at the college in accordance of RFP No..... .

I, hereby declare that all the financial figures mentioned the Financial Proposal is true and correct. I also accept that any misrepresentation of financial facts and figures may lead to disqualification of my proposal.

Sl. No	Name of the items	Number of items	Remarks
1	Desktop Computers	5	
2	UPS	5	
3	Printers	1	

The Other Charges (\*) may include:

1. All necessary accessories like; cables, wires, pipes.... Etc, which are instrumental for installation.
2. The transportation/material handling cost for delivering and installing the required numbers of materials at the college premises.

Signature and Seal of the Bidder

**(CERTIFICATE OF WILLINGNESS TO BE SUBMITTED BY ALL FIRMS)**

To,

The Principal,

Maa Markama +3 College,

Bissamcuttack, Rayagada

Sub: Submission of willingness certificate for Supply and Installation of 5(five) All-In-One desktop computers along with compatible UPS , and one MF( C ) Printer at your college premises

Sir,

I am to inform you that my firm (name of the firm with address) is ready to supply and installation of 6 numbers of Desktop Computers and IT infrastructures at your college premises throughout the State of Odisha within 15 days of receipt of work order from the colleges selected under State Govt. fund, if my firm is elected as L 1, bidder during selection of tender.

In the event of my firm's failure to supply and install the required items in the selected L1 cost, my EMD/Performance Security will be forfeited.

Signature and Seal of the Bidder

**(AGREEMENT AND NO CLAIM CERTIFICATE TO BE SUBMITTED BY L1 FIRM)**

An agreement is to be made between the Principal, Maa Markama +3 College, Bissamcuttack as First Party and L1 bidder as second party with witness from both the parties. The required agreement content to be communicated to L1 bidder after successful selection and before supply of the items.

Further a no claim certificate to be submitted by the L1 bidder after receiving the bid amount which is to be communicated after due process.

*Anil*  
*23/6/26*  
Principal-cum-Secretary  
Maa Markama +3 College  
Bissam Cuttack, Rayagada

2. AIO Intel i5

Motherboard	
Chipset Series	Intel Q series
Chipset Number	Intel Q670
Expansion Slot(Midot 2)	2 or higher
Processor	
Processor Make	Intel
Processor Generation	11
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 O/M- Stored in partition of Hard disk USB Drive from the O/M- 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 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(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 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 Gen 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 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/NEC/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"> <li>- If input voltage goes outside the range 160V - 280V, the system shall switch over to UPS mode.</li> <li>- Over Voltage, short circuit and overload at UPS output terminal, no load shut down.</li> <li>- Under voltage at battery terminal, Battery over charge</li> </ul>
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

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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