

Scope of Work Document & ATC

**GEM bid for Supply of Physical library
with digital facility in KGBVs of
District - Damoh**

**Zila Shiksha Kendra District- Damoh,
Madhya Pradesh
2024-25**

All in One PC

S.No	Features	Min Required Specifications
1	Chipset Series	Intel Q/B Series
2	Expansion Slots (M Dot 2)	2
3	Processor Generation	12 or higher
4	Number of Cores	6
5	Processor Base Frequency (GHz)	2.5 or Above
6	Processor Description	Intel Core i5 /AMD Ryzen 5
7	Cache (MB)	18
8	Graphics Type	Integrated
9	Size of VRAM in case of Integrated Graphics (MB)	64
10	Operating System (Factory Pre-Loaded)	Windows 11 Home
11	Recovery Image Media	CD from the OEM / Stored in Partition of the SSD / USB Drive from the OEM / On Line / Cloud,
12	OS Certification	Windows
13	Type of RAM	DDR4 Or Above
14	RAM Size (GB)	8
15	RAM Speed (MHz)	3200 Or Higher
16	Total Numbers of DIMM Slots Available	2
17	Number of DIMM Slots populated	Minimum DIMM Slot 2 and Populated 1
18	RAM Expandability up to (using spare DIMM Slots in GB)	64
19	Type of Drives used to populate the Internal Bays	SSD
20	Capacity of each SSD (GB)	512 or above
21	Total SSD Capacity (GB)	512 or above
22	Display Size (INCHES)	23.8
23	Display Type	Non Touch
24	Panel Technology	IPS/ WVA/TN

S.No	Features	Min Required Specifications
25	Display Resolution (PIXELS)	1920x1080
26	Availability of Webcam 5.0 MP with Digital Microphone integrated with Display	Yes
27	If yes, Resolution of Webcam	FHD
28	Availability of Speakers integrated with Display	Yes
29	If Yes, Number of Speakers available	2
30	Number of Ethernet Ports	1
31	Type of Ethernet Ports	Integrated Gigabit Port
32	Number of USB Version 3.0 / 3.1, Gen 1 Ports	2
33	Number of USB Type C Ports	1
34	Number of HDMI Ports, Serial Port	1 Each
35	Audio-in	Yes
36	Headphone out	Yes
37	Microphone-in	Yes
38	Stand	Height Adjustable
39	BIS Registration under CRS of Meity	Yes
40	BEE / Energy Star for the Quoted Model	Yes
41	Mouse Connectivity	Wired
42	Type of Mouse	Optical Scroll
43	Keyboard Connectivity	Wired/Wireless
44	Type of Keyboard	Standard
45	On Site OEM Warranty (Year)	3
46	Certification	BIS Registered under CRS of MEITY



Printer

S.No	Features	Specification	
Copy			
1	Copy Type	Monochrome Laser	
2	Copy Speed	Minimum 18 / 19cpm (A4 / LTR)	
3	Copy Resolution	Speed priority mode:	600 x 400dpi
4		Resolution priority mode:	600 x 600dpi
5	Halftones	256 levels	
6	Warm up Time (From Power On)	10s or less	
7	Recovery Time (From Sleep Mode)	2s or less (Copy)	
8		0.3s or less (Print)	
9	First Copy Time (FCOT)	12.0 / 11.8s (A4 / LTR)	
10	Paper Source	150 or more sheet cassette	
11	Paper Weight	60 to 163g/m2 (cassette)	
12	Papet Output	100 sheets (face down)	
13	Zoom	50 - 200% in 10% increments	
14	Copy Size	Platen:	Up to A4 / LTR
15	Copy Features	2 on 1, ID Card Copy	
16	Copy Memory	64MB (Shared)	
Print			
17	Printer Type	Monochrome Laser	
18	Print Speed	Minimum 18 pages per minute / 19 pages per minute (A4 / LTR)	
19	First Printout Time (FPOT)	7.8s / 7.7s (A4 / LTR)	
20	Print Language	UFR II LT	
21	Print Resolution	Up to 600 x 600dpi, 1 200 (equivalent) x 600dpi	
22	Print Memory	64MB (Shared)	
Scan			
23	Scan Type	CIS	
24	Scan Resolution	Optical:	Up to 600 x 600dpi
25		Driver enhanced:	Up to 9 600 x 9 600dpi
26	Colour Depth	24-bit	
27	Document Size	Platen:	Up to A4
28	Compatibility	TWAIN, WIA	
29	Output File Format	Windows:	Hi-Compression PDF, Searchable PDF, PDF, JPEG, TIFF, BMP

S.No	Features	Specification	
30		Mac:	PDF, JPEG, TIFF, BMP, PNG
31	Pull Scan	Yes, USB	
32	Scan To PC	Yes	
Interface / Software			
33	Standard Interface	USB 2.0 Hi-Speed	
34	USB Function	Print, Scan	
35	Compatible Operating Systems*1	Windows 10 or later	
General Specifications			
36	LCD Display	7 Segment (1 digit) LED	
37	Dimensions	372 x 276 x 254mm (With the cassette closed)	
38	(W x D x H)	372 x 371 x 254mm (With the cassette opened)	
39	Power Consumption	Maximum:	960W
40		During Operation:	450W
41		Standby:	2.5W
42		Sleep:	1.4W
43	TEC (Typical Electricity Consumption)	0.6kWh/W	
44	Toner Cartridge*4	Cartridge 925*2 (1 600 pages)	
45		(Bundled cartridge 700 pages)	
46	Monthly Duty Cycle	8 000 pages	
47	Recommended Monthly Print Volume	250 - 1 000 pages	
48	OEM Warranty (Year)		

Bluetooth Headset

S.No	Features	Specifications
1	BT version	5.3 5.0 and above
2	Wireless range	10 meters (Without obstacles)
3	Driver size	40mm
4	Speaker impedance	32 Ω
5	Frequency response	20Hz - 20kHz
6	Sensitivity	101 \pm 3dB
7	Charging time	1.5H
8	Playback time	60 H*
9	Talk time	40 h*
10	Microphone sensitivity	-42 \pm 3
11	Package Contents	
12	Headphone	1 Unit
13	Charging cable	1 Unit
14	AUX cable 3.5 mm	1 Unit

Speaker

S.No	Features	Specifications
1	Channel	2.0 channel speaker
2	Power	USB powered
3	Output Power (RMS)	2.5Watts + 2.5Watts
5	Impedance	4 Ω
6	Frequency response	180Hz-20kHz
7	S/N ratio	\geq 75dB
8	Separation	\geq 75dB
9	Line input	3.5mm jack

UPS

Sn	Description / Parameter	Specifications
1	Input Voltage Range	160 V to 280 V at full load
2	Input Frequency Range	47 Hz to 53 Hz
3	Input Power Factor	0.98 or better
4	Output Voltage Regulation	230V \pm 1%
5	Output Frequency	50 Hz \pm 0.1% Free running

		50 Hz \pm 0.6% synchronized to mains
6	Output Power rating	1000 VA / 800 watts
		2KVA
7	Output Waveform	Pure Sine Wave
8	Total Harmonic distortion for linear and non linear loads	Less than 5% for linear and non linear load.
9	Overload capacity	120% for 10 seconds
10	Efficiency overall	better than 85%
11	Operating Temperature	0-45 degree Celsius or better
12	Protection	Input and output under voltage and over voltage protection
		output short circuit protection
		output overload protection
		phase reversal feature between input and output
		Search Protection
13	Indications	Mains on, Charger on, Battery low, Invertors on, Trip
14	Alarm	a) Low Battery b) Mains failure
15	Management	
	a) SNMP	UPS should have SNMP enabled capability
	b) RS 232 / USB	Should support all major operating systems and environments
16	Backup time	1 Hour on full resistive load of 800 watts
17	Static Bypass	To be provided if required with changeover within 4 ms
18	UPS warranty	5 years onsite warranty including related accessories
19	Battery Warranty	Minimum 2 years (SMF Battery)
20	Certification & Testing	BIS certified and D&B Certificate with 2A3 rating
21	Testing	To be tested at any NABL accredited LAB if required by the successful bidder
22	Operating Humidity	Should operate in the range of 10-90%



Approved by State Procurement Committee.

ATC/GEM bid for All in one PC, Printer, Bluetooth Headset, Speaker and UPS

1. Introduction

NEP has given the explosive pace of technological development allied with the sheer creativity of Tech-savvy teachers and entrepreneurs including student entrepreneurs, it is certain that technology will impact education in multiple ways, only some of which can be foreseen at the present time. To keep the agenda forward, we are procuring the given items.. The scope of work for the bidders are as follows:

- i. Supply, Installation and Delivery of Materials to be given by the bidders or its OEM.

2. Bid Submission

Bidder shall submit their bids on GeM portal. Clarifications, if any, should be submitted on **Vendor Representation Section of GEM portal** on or before 10 days prior to date of bid submission.

3. Bill of Materials

3.1 Bill of Material and total quantity of the items are as below:

Equipment as per the packages below

- P1 - All in one PC
- P2 - Printer
- P3 - Bluetooth Headset
- P4 - Speaker
- P5 - UPS

4. Earnest Money Deposit (EMD)

- i. EMD Amount is as mentioned in the GEM Bid.
- ii. EMD exemption is allowed as per latest GEM Terms and Conditions.
- iii. Bidder has to submit the scan copy of the proof of EMD in their technical bid and submit the original copy in office on or before 3 days after the date of bid closing.
- iv. EMD exemption to MSME be given as per guidelines of MP Store Purchase Rule .

5. Performance Bank Guarantee:

PBG will be signed during the signing of Service Level agreement (SLA's), Performance Bank Guarantee (PBG) is 3% of contract value, as mentioned in the GEM Bid.

6. Eligibility Criteria

Sn	Criteria of Bidder	Supporting Document
1	The bidder shall be legal entity in the form of Company/Proprietorship/ Partnership Firm/Trust /Society in India, manufacturing or supplying a similar category of products and should be in existence before 01.04.2020. The consortium is not allowed.	Certificates of incorporation/ Registration Certificates along with relevant legal document
2	The bidder should have an Average Annual Turnover of at least of tender value/amount in lakhs during the last three years, ending 31st March, of the previous final year i.e., 2021-22 ,2022-23 to 2023-24.	The copies of Audited Annual Accounts/Statutory CA Certificate with UDIN number for last three years shall be uploaded along with the bid.
3	The net worth of the bidders on 31.03.2024 should be positive.	CA Certificate with CA's Registration number and Seal
5	Authorization to sign the bid document, contract, and all correspondence /documents thereof.	General Power of Attorney/Board of Directors Resolution/Deed of Authority executed in favor of the person(s) authorized to sign the bid document and the contract and all correspondence/document thereof.
6	The bidder should be authorized by its OEM for all items included in Package 1 to Package 5.	Bid specific MAF from OEM should be submitted by bidder.
7	The bidder will provide a status report on blacklisting/ debarring during the last five years prior to the present tender. There shall be no litigation history against the bidder in last five years as on before the date of bid submission	An undertaking is to be submitted by the bidder on company letterhead. The bidder will provide a status report on blacklisting/ debarring during the last five years prior to the present tender if any. An undertaking is to be provided for the same.

6.1. Eligibility criteria for OEM:

The pre-qualification/Eligibility Criteria of the various OEM (Original Equipment Manufacturer) are as follows:

Sn	Criteria of OEM	Supporting Document
1.	The OEM should be a Company/Firm registered/ Incorporated in India and shall have been in operation for at least three (03) years as on last date of bid submission.	Certificates of Registration Proofs will be provided by OEM issued by competent authority.
2.	The OEM Branding/Logo should be available on each item of the quoted Packages. Packages should have	P1 to P5 contain seal and packaging of OEM branding and User Manual will be

	manual/ Charts for step-by-step instructions.	provided.
3.	OEM should have average annual turnover 4 times of tender value in INR lakhs during each last three financial Years i.e., FY 2021-22, FY 2022-23 & FY 2023-24.	The copies of Audited Annual Accounts/Statutory CA Certificate with UDIN number for last three years shall be uploaded along with the bid.
4.	OEM must have prior experience of Supply in All in one PC, Printer, Bluetooth Headset, Speaker in single work order value of order value which matches the bid value i.e. INR 21.56 lakhs	Work order /Completion Certificate
5.	OEM of any component should not be blacklisted/debarred by any state government/ central government / PSU in last three years as on last date of bid submission	Self-Declaration form from OEM in this regard on letter head.
6.	The Original Equipment Manufacturer of the products quoted against this bid should have following certificates - ISO 9001, ISO14001, ISO27001, Toxicity Certification	- ISO9001, - ISO14001 - ISO27001, - Toxicity Certification Copies of Certificates will be submitted
7.	OEM has to give Notarized undertaking that OEM will be 100% responsible for the quality , technical specification and the completion of the given project to its authorized partner who has participated under the said Bid specific OEM MAF.	Undertaking will be provided.
8.	OEM should have registered service branch/ office in MP. If not, the OEM should submit an undertaking to setup a service branch/office within one month of the date of award of tender.	OEM should have service center in MP with valid registration certificate like GST registration, from 3 years with service escalation process on OEM letter head. Otherwise, OEM should provide an undertaking for setting up the office with Sufficient Service support Engineers on OEM's payroll.
9.	The said project is to be delivered on turnkey basis by the OEM authorized bidder. For this, OEM has to ensure timely availability of Spare parts/ part replacement/ defective non repairable part or equipment during the warranty period.	OEM has to provide notarized undertaking that OEM will keep sufficient spare part of the proposed equipment's in MP
10.	Offered Kits should have working service support mechanism to support the services under warranty period.	Service setup details on OEM letter head/ OEM Undertaking duly notarized on Stamped paper should be submitted by bidder in technical bid
11.	Bidder has to submit the Line-by-line compliance of the Technical specification asked in the bid on OEM's Letter head. (It is applicable for all quoted products)	Line by line compliance of Technical Specification on OEM letterhead. (It is required from all product OEM)



Sn Delivera

12. OEM Datasheet of offered each line item is required to submit along with technical bid	Data Sheet for all product quoted as make & Model List
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Note:

In GeM bid, Eligibility Criteria eligibility criteria as mentioned above will be considered for evaluation.

7. Work Order

After PQ and OEM Evaluation process, Technical qualified vendors details will be submitted in Gem Portal. Financial Bid will be opened. Equipment Samples will be provided by the L1 Bidder within a week time for quality check. Work Order will be issued after submission of Sample .

8. Warranty

- 8.1. Comprehensive onsite warranty for 3 years from the Go Live date after 100% installation & commissioning in all the schools in district.
- 8.2. Warranty certificate on OEM letter head for all equipment with serial number to be supplied against this bid is to be submitted along with invoice.
- 8.3. Go Live Date is actual start date of project which will be next day after the installation & commissioning and completion of teachers training in all the schools of the district.

9. Monitoring and Evaluation

- 1. Feedback Mechanism: The Bidder should setup helpdesk for feedback from students, teachers, and lab coordinators to continually improve the program.
- 2. Dedicated Helpdesk: Establishing a helpdesk for ongoing support and maintenance of the All in one PC, Printer, Bluetooth Headset, Speaker and UPS .

10. Delivery, Payment Terms & Penalty

10.1. Delivery of all equipments will be done at school level. The list of the school consists of School Name, Address, Principal name and contact details are as given in this document.

10.2. Delivery timeline, payment schedule and applicable penalty are as below:

Sn	Deliverables	Timeline	Payment	Penalty
1	Phase 1: Supply, installation and commissioning of equipments, and make it functional at each schools of the respective District.	T1= T +60 days	90% of the total value of Invoice shall be released after completion of following: - 1. Proof of delivery of consignment to the destination places verified by School Principal, as per dispatch instructions 2. Submission of bills along with	5% per week or part of thereof, of the total payment to be made in Phase 1. Payment of those school will not be

Sn	Deliverables	Timeline	Payment	Penalty
			verified copy of delivery challan by School Principal in triplicate and Payment will be released after deduction of penalty if any.	released in following conditions:- 1. Any equipment is not as per technical specification 2. Found Damage or Faulty 3. Incomplete or partial delivery of the Bill of material at school.
2	Phase 2: PBG submission and SLA signing.	T2= T1 + 30 Days	10% of total value shall be released after submission of performance bank guarantee and signing of Service Level Agreements (SLAs) with respective District collectors.	

T= Date of signing of contract between District Collector or its representative and Successful bidder.

- 10.3.** Penalty up to cap of 20% will be applicable in each phase. Delay in excess of 10 weeks will be sufficient to forfeit Performance Bank Guarantee of the bidder. Phase 2 payment will not be released in such case for entire school of district.
- 10.4.** The responsibility of applicable GST will be of bidder/OEM only as per the category of the product & applicability of GST rate. Department will not take any responsibility or make any additional payment if any tax liability arises. Bidders are required to submit undertaking letter for the same along with technical bid.

11. Service Level Agreement (SLAs)

SLA is to be signed between **District Collector or its representative** ,..... and successful bidder on notarized Stamp paper of Rs. 1000.

Service Level Agreement (SLAs)

[This agreement is to be made on Notarized Stamp paper of Rs. 1000/-]

{ DISTRICT COLLECTOR or its representative ,..... and successful bidder }

This AGREEMENT is made on - - - - - between **DISTRICT COLLECTOR or its representative** ,(hereinafter called State representative.....) which expression shall include its SUCCESSORS and <<Successful bidder>> (hereinafter called the "Successful Bidder") which expression shall include its SUCCESSORS.

Whereas the successful bidder has agreed with the **DISTRICT COLLECTOR or its representative** ,to supply and installation of Package 1 to Package 5 hardware, peripherals and other related accessories in..... Schools of MP in the manner set forth in the terms & conditions of the bidding document appended herewith and at the rates set forth in the said **Annexure-I** under warrantee services during

the warranty period of the THREE years, on the following TERMS CONDITIONS.

- a) COMMENCEMENT: The AGREEMENT is effective after successful installation of all the equipment purchased and will remain valid for a period of THREE years thereafter.
- b) Upon Completion of this AGREEMENT Successful bidder will return all papers, materials and other properties of the AGREEMENT to the **DISTRICT COLLECTOR or its representative**along with a certificate of fully functional status of the supplied equipments.
- c) No charges will be payable by the **DISTRICT COLLECTOR or its representative** to the Successful bidder for the replacement of any item which is under warrantee.

1. Scope of Services to be performed by Bidder

- 1.1. The successful bidder has to supply, install, commission & maintain hardware, software and connected accessories, and keep in working condition.
- 1.2. The supplied Package 1 to Package 5 along with Hardware, Software and connected accessories must be brand new and unused.
- 1.3. For providing after sales services during warrantee period, the Successful bidder shall intimate name, address, e-mail ID and contact number of qualified service engineers who shall responsible for service support and report to the District level Committee and School Principal as well as State Nodal officer The Successful bidder shall intimate online portal, toll free number (Escalation matrix).
- 1.4. Bidder should have service call logging mechanism through telephone number / Toll free Number/ Email ID/ Ticketing Tool /online portal.
- 1.5. The Successful bidder must attend the complaint within 3 working days.
- 1.6. All logged complaints related to Hardware/Software of the supplied equipment should be resolved within 5 working days after the complaint is being registered by the Principal.
- 1.7. The Service Engineer shall submit sealed & signed Service call report by the School Head/Teacher hardcopy to school.
- 1.8. In case of any part replacement related issue, the complaint should be resolved within 7 working days.
- 1.9. In case of major fault due to unavoidable circumstances, DISTRICT COLLECTOR or its representative will give relaxation under cure period maximum up to 10 working days.
- 1.10. During Warrantee period any defective part/s shall be repaired/replaced free of cost, if necessary.
- 1.11. The Successful bidder shall provide at least one preventive maintenance service at all locations every year and submit details of all the visits at the end of each year to the State office.

- the
- 1.12. The operating system and other software packages shall be upgraded / updated by bidder from time to time as and when upgraded version of operating system is available as well as during preventive maintenance schedule.
 - 1.13. The successful bidder has to:-
 - Maintain the hardware, software and connected accessories in proper working condition throughout the contractual period.
 - To maintain necessary systems and processes to track the project progress
 - Report the progress periodically as required by Department.
 - 1.14. The Bidder shall not charge any fee to the students and teachers in the schools covered under the Project and shall not use the facilities created for earning revenues other than that provided as part of this Project.
 - 1.15. Preventive maintenance includes check system health, cleaning of system, dust removal, removal of temp file from system and making all the equipment operational.
 - 1.16. Bidder needs to maintain log of service call report along with signed hard copy of service call report which are to be submitted to the State officer to claim yearly retention money.
 - 1.17. The service support of the Successful bidder will be reviewed every quarter. If, the Successful bidder fails to provide service support as above, the Successful bidder shall have to pay penalty of Rs. 200/- per machine per working day. On the recommendation of School Principal, STATE OFFICER shall have the right to recover the penalty amount to be paid to successful bidder.
 - 1.18. If any equipment gives continuous trouble, say five times in one month during the warranty period, the bidder shall replace the same with new equipment without any additional cost to the department.
 - 1.19. During service support, in case of any dispute, the decision of the DISTRICT COLLECTOR or its representative will be final and binding on the successful bidder.
 - 1.20. Before end of the contract period, the user department reserves a right to do a random check of minimum 5% of equipment supplied and the serial number of the systems should match the original serial numbers of the sub-assemblies with the exception of the parts or system that have been changed in the course of repairs and replaced during the contract period.
 - 1.21. Upkeep of records and periodic reporting
 - The Bidder shall deliver all reports, notifications and information, including all data, operating logs and information as required by STATE OFFICER on the project as given below:
 - Maintenance and Daily Operating Logs of equipment: The Bidder shall prepare and maintain daily operating logs, records and reports documenting the operation, maintenance and repair of Hardware and connected accessories.

1.22. The bidder to participate in quarterly, half-yearly and yearly review meeting after installation.

2. Bank Guarantee

- 2.1. The successful bidder shall furnish an irrevocable Bank Guarantee in favor of Commissioner, Public Instruction,..... equal to 3% of the value of the purchase order valid for a period of **38 months** from the date of completion of all equipment installation.
- 2.2. The Bank Guarantee will be released by the department,..... to the successful bidder after successful performance of the supplied equipments under the warranty period and OK report for complete functionality of the equipments duly signed by the teacher/Principal is received. In case the service provider fails to provide proper services as per terms and conditions, the Department will have the right to forfeit the Bank Guarantee.
- 2.3. The Bank Guarantee should be of a Nationalized Bank/ Scheduled Bank situated in India.
- 2.4. When penalty is recovered under above mentioned clauses through encashment of Bank Guarantee in part or in whole, the Successful bidder shall provide additional Bank Guarantee within a period of 7 days from such encashment to complete the deficiency and to make the Bank Guarantee amount equal to 3% of the value of Purchase Order as in clause 2.1.

3. **FORCE MAJEURE:** neither party shall be liable for any delay in performing obligations or for failure to perform obligation if the delay or failure results from any of the following (whether happening in India or elsewhere) FORCE MAJEURE shall mean Act of God or fire, earthquake, Explosion, accident, strikes or lockouts, riots, civil commotion, civil disobedience or anything beyond the control of either party, so as to lead to a complete inability to a party to perform its obligations. Force Majeure also includes the circumstances like Power fluctuation, earthing issue, lightening factor etc.
4. **SUB-CONTRACTING:** The Successful bidder shall not subcontract or permit anyone other than the Successful bidder personnel to perform any of the work, services or other performance required from the Successful bidder under the AGREEMENT.
5. **CONFIDENTIALITY:** The Successful bidder acknowledge that all materials and information which has or will come into its possession or knowledge in connection with this AGREEMENT or the performance hereof, whether consisting of confidential and proprietary data or not disclosure of which or use by the third parties may be damaging or is capable of causing loss to the STATE OFFICER, will at all time be held by in the strictest confidence breach of confidentiality shall amount to a breach of this contract.
6. **ARBITRATION:** All disputes and differences of any kind arising out of or in connection with the AGREEMENT shall be resolved by ARBITRATION only in accordance with and subject to Arbitration and conciliation Act 1996. The dispute shall be decided by a sole Arbitrator at Bhopal, if the dispute is not resolved as per clause 1.8.



Meeting after

7. Each party warrants and guarantees that it has full power and authority to enter into and performing this AGREEMENT and the person signing the AGREEMENT on behalf of each party has been properly authorized and empowered to enter into this AGREEMENT. Each party acknowledges that it has read this AGREEMENT. Understands it and agrees to be bound by it.

In witness where of the parties hereto have executed this AGREEMENT on the above-mentioned date.

For Successful Bidder
Authorized Signatory
Name:
Designation:

For Collector(Zila Shiksha Kendra) Authorized
Signatory
Name:
Designation:

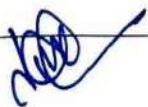
Witness
Name:
Designation:

Witness
Name:
Designation:



Checklist for Bidders

Sno	Description	Supporting Document	Reference file/Document (File Name)	Page No.#
1	The bidder shall be legal entity in the form of Company/Proprietorship/ Partnership Firm/Trust /Society in India, manufacturing or supplying a similar category of products and should be in existence before 01.04.2020. The consortium is not allowed.	Certificates of incorporation/ Registration Certificates along with relevant legal document		
2	The bidder should have an Average Annual Turnover of at least of similar tender value i.e. INR 21.56 lakhs during the last three years, ending 31st March, of the previous final year i.e., 2021-22 ,2022-23 to 2023-24.	The copies of Audited Annual Accounts/Statutory CA Certificate with UDIN number for last three years shall be uploaded along with the bid.		
3	The net worth of the bidders on 31.03.2024 should be positive.	CA Certificate with CA's Registration number and Seal		
4	The bidder should have experience of All in one PC, Printer, Bluetooth Headset, Speaker items (p1 to p5) in work order	Work Order/ PO/ Agreement Copies.		



	1 work order – 7.54 lakhs 2 work order – 4.31 lakhs each 3 work order - 3.23 lakhs each			
5	Authorization to sign the bid document, contract, and all correspondence /documents thereof.	General Power of Attorney/Board of Directors Resolution/Deed of Authority executed in favor of the person(s) authorized to sign the bid document and the contract and all correspondence/document thereof.		
6	The bidder should be authorized by its OEM for all items included in Package 1 to Package 4.	Bid specific MAF from OEM should be submitted by bidder.		
7.	The bidder will provide a status report on blacklisting/ debarring during the last five years prior to the present tender. There shall be no litigation history against the bidder in last five years as on before the date of bid submission	An undertaking is to be submitted by the bidder on company letterhead. The bidder will provide a status report on blacklisting/ debarring during the last five years prior to the present tender if any. An undertaking is to be provided for the same.		

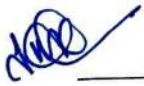
Checklist for OEM

Sn	Description	Supporting Document	Reference file/Document (File Name)	Page No. #
0	The OEM should be a Company/Firm registered/ Incorporated in India and shall have been in operation for at least three	Certificates of Registration Proofs will be provided by OEM issued by competent authority.		

	submission.			
2.	The OEM Branding/Logo should be available on each item of the quoted Packages. Packages should have manual/ Charts for step-by-step instructions.	P1 to P5 contain seal and packaging of OEM branding and User Manual will be provided.		
3.	OEM should have average annual turnover 4 times of the tender value i.e. INR 86.24 lakhs during each last three financial Years i.e., FY 2021-22, FY 2022-23 & FY 2023-24.	The copies of Audited Annual Accounts/Statutory CA Certificate with UDIN number for last three years shall be uploaded along with the bid.		
4.	OEM must have prior experience of Supply of All in one PC, Printer, Bluetooth Headset, Speaker and IDP items for ----- schools/Colleges/Institute in single work order	Work order /Completion Certificate		
5.	OEM of any component should not be blacklisted/debarred by any state government/ central government / PSU in last three years as on last date of bid submission	Self-Declaration form from OEM in this regard on letter head.		
6.	The Original Equipment Manufacturer of the products quoted against this bid should have following certificates - ISO 9001, ISO14001, ISO27001, Toxicity Certification	- ISO9001, - ISO14001 - ISO27001, - Toxicity Certification Copies of Certificates will be submitted		
7.	OEM has to give Notarized undertaking that OEM will be 100% responsible for the quality , technical specification and the completion of the given project to its authorized partner who has participated under the said Bid	Undertaking will be provided.		



	specific OEM MAF.			
8.	OEM should have registered service branch/ office in MP. If not, the OEM should submit an undertaking to setup a company owned service branch/office within one month of the date of award of tender.	OEM should have company owned service center in MP with valid registration certificate like GST registration, from 3 years with service escalation process on OEM letter head. Otherwise, OEM should provide an undertaking for setting up the office with Sufficient Service support Engineers on OEM's payroll.		
9.	The said project is to be delivered on turnkey basis by the OEM authorized bidder. For this, OEM has to ensure timely availability of Spare parts/ part replacement/ defective non repairable part or equipment during the warranty period.	OEM has to provide notarized undertaking that OEM will keep sufficient spare part of the proposed equipment's in MP		
10.	Offered Kits should have working service support mechanism to support the services under warranty period.	Service setup details on OEM letter head/ OEM Undertaking duly notarized on Stamped paper should be submitted by bidder in technical bid		
11.	Bidder has to submit the Line-by-line compliance of the Technical specification asked in the bid on OEM's Letter head. (It is applicable for all quoted products)	Line by line compliance of Technical Specification on OEM letterhead. (It is required from all product OEM)		
12.	OEM Datasheet of offered each line item is required to submit along with technical bid	Data Sheet for all product quoted as per make & Model List		



Specifications:

S.No	Features	Min Required Specifications
1	Chipset Series	Intel Q/B Series
2	Expansion Slots (M Dot 2)	2
3	Processor Generation	12 or higher
4	Number of Cores	6
5	Processor Base Frequency (GHz)	2.5 or Above
6	Processor Description	Intel Core i5 /AMD Ryzen 5
7	Cache (MB)	18
8	Graphics Type	Integrated
9	Size of VRAM in case of Integrated Graphics (MB)	64
10	Operating System (Factory Pre-Loaded)	Windows 11 Home
11	Recovery Image Media	CD from the OEM / Stored in Partition of the SSD / USB Drive from the OEM / On Line / Cloud,
12	OS Certification	Windows
13	Type of RAM	DDR4 Or Above
14	RAM Size (GB)	8
15	RAM Speed (MHz)	3200 Or Higher
16	Total Numbers of DIMM Slots Available	2
17	Number of DIMM Slots populated	Minimum DIMM Slot 2 and Populated 1
18	RAM Expandability up to (using spare DIMM Slots in GB)	64
19	Type of Drives used to populate the Internal Bays	SSD
20	Capacity of each SSD (GB)	512 or above
21	Total SSD Capacity (GB)	512 or above
22	Display Size (INCHES)	23.8
23	Display Type	Non Touch
24	Panel Technology	IPS/ WVA/TN

S.No	Features	Min Required Specifications
25	Display Resolution (PIXELS)	1920x1080
26	Availability of Webcam 5.0 MP with 2 Digital Microphone integrated with Display	Yes
27	If yes, Resolution of Webcam	FHD
28	Availability of Speakers integrated with Display	Yes
29	If Yes, Number of Speakers available	2
30	Number of Ethernet Ports	1
31	Type of Ethernet Ports	Integrated Gigabit Port
32	Number of USB Version 3.0 / 3.1, Gen 1 Ports	2
33	Number of USB Type C Ports	1
34	Number of HDMI Ports, Serial Port	1 Each
35	Audio-in	Yes
36	Headphone out	Yes
37	Microphone-in	Yes
38	Stand	Height Adjustable
39	BIS Registration under CRS of Meity	Yes
40	BEE / Energy Star for the Quoted Model	Yes
41	Mouse Connectivity	Wired
42	Type of Mouse	Optical Scroll
43	Keyboard Connectivity	Wired/Wireless
44	Type of Keyboard	Standard
45	On Site OEM Warranty (Year)	3
46	Certification	BIS Registered under CRS of MEITY

Printer:

S.No		Features	Specification	
Copy				
1	Copy Type	Monochrome Laser		
2	Copy Speed	Minimum 18 / 19cpm (A4 / LTR)		
3	Copy Resolution	Speed priority mode:	600 x 400dpi	
4		Resolution priority mode:	600 x 600dpi	
5	Halftones	256 levels		
6	Warm up Time (From Power On)	10s or less		
7	Recovery Time (From Sleep Mode)	2s or less (Copy)		
8		0.3s or less (Print)		
9	First Copy Time (FCOT)	12.0 / 11.8s (A4 / LTR)		
10	Paper Source	150 or more sheet cassette		
11	Paper Weight	60 to 163g/m2 (cassette)		
12	Papet Output	100 sheets (face down)		
13	Zoom	50 - 200% in 10% increments		
14	Copy Size	Platen:	Up to A4 / LTR	
15	Copy Features	2 on 1, ID Card Copy		
16	Copy Memory	64MB (Shared)		
Print				
17	Printer Type	Monochrome Laser		
18	Print Speed	Minimum 18 pages per minute / 19 pages per minute (A4 / LTR)		
19	First Printout Time (FPOT)	7.8s / 7.7s (A4 / LTR)		
20	Print Language	UFR II LT		
21	Print Resolution	Up to 600 x 600dpi, 1 200 (equivalent) x 600dpi		
22	Print Memory	64MB (Shared)		
Scan				
23	Scan Type	CIS		
24	Scan Resolution	Optical:	Up to 600 x 600dpi	
25		Driver enhanced:	Up to 9 600 x 9 600dpi	
26	Colour Depth	24-bit		
27	Document Size	Platen:	Up to A4	
28	Compatibility	TWAIN, WIA		
29	Output File Format	Windows:	Hi-Compression PDF, Searchable PDF, PDF, JPEG, TIFF, BMP	

S.No	Features	Specification	
30		Mac:	PDF, JPEG, TIFF, BMP, PNG
31	Pull Scan	Yes, USB	
32	Scan To PC	Yes	
Interface / Software			
33	Standard Interface	USB 2.0 Hi-Speed	
34	USB Function	Print, Scan	
35	Compatible Operating Systems*1	Windows 10 or later	
General Specifications			
36	LCD Display	7 Segment (1 digit) LED	
37	Dimensions	372 x 276 x 254mm (With the cassette closed)	
38	(W x D x H)	372 x 371 x 254mm (With the cassette opened)	
39	Power Consumption	Maximum:	960W
40		During Operation:	450W
41		Standby:	2.5W
42		Sleep:	1.4W
43	TEC (Typical Electricity Consumption)	0.6kWh/W	
44	Toner Cartridge*4	Cartridge 925*2 (1 600 pages)	
45		(Bundled cartridge 700 pages)	
46	Monthly Duty Cycle	8 000 pages	
47	Recommended Monthly Print Volume	250 - 1 000 pages	
48	OEM Warranty (Year)	3	

Bluetooth Headset

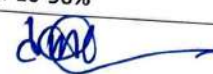
S.No	Features	Specifications
1	BT version	5.3 5.0 and above
2	Wireless range	10 meters (Without obstacles)
3	Driver size	40mm
4	Speaker impedance	32 Ω
5	Frequency response	20Hz - 20kHz
6	Sensitivity	101±3dB
7	Charging time	1.5H
8	Playback time	60 H*
9	Talk time	40 h*
10	Microphone sensitivity	-42±3
11	Package Contents	
12	Headphone	1 Unit
13	Charging cable	1 Unit
14	AUX cable 3.5 mm	1 Unit

Speaker		
S.No	Features	Specifications
1	Channel	2.0 channel speaker
2	Power	USB powered
3	Output Power (RMS)	2.5Watts + 2.5Watts
5	Impedance	4 Ω
6	Frequency response	180Hz-20kHz
7	S/N ratio	≥75dB
8	Separation	≥75dB
9	Line input	3.5mm jack

Online UPS

Sn	Description / Parameter	Specifications
1	Input Voltage Range	160 V to 280 V at full load
2	Input Frequency Range	47 Hz to 53 Hz
3	Input Power Factor	0.98 or better
4	Output Voltage Regulation	230V ± 1%
5	Output Frequency	50 Hz ± 0.1% Free running 50 Hz ± 0.6% synchronized to mains
6	Output Power rating	1000 VA / 800 watts 2KVA
7	Output Waveform	Pure Sine Wave
8	Total Harmonic distortion for linear and non linear loads	Less than 5% for linear and non linear load.
9	Overload capacity	120% for 10 seconds
10	Efficiency overall	better than 85%
11	Operating Temperature	0-45 degree Celsius or better
12	Protection	Input and output under voltage and over voltage protection output short circuit protection output overload protection phase reversal feature between input and output Search Protection
13	Indications	Mains on, Charger on, Battery low, Invertors on, Trip
14	Alarm	a) Low Battery b) Mains failure
15	Management	
a	SNMP	UPS should have SNMP enabled capability
b	RS 232 / USB	Should support all major operating systems and environments
16	Backup time	1 Hour on full resistive load of 800 watts
17	Static Bypass	To be provided if required with changeover within 4 ms

18	UPS warranty	
19	Battery Warranty	5 years onsite warranty including related accessories
20	Certification & Testing	Minimum 2 years (SMF Battery)
21	Testing	BIS certified and D&B Certificate with 2A3 rating
22	Operating Humidity	To be tested at any NABL accredited LAB if required by the successful bidder
		Should operate in the range of 10-90%

Approved by State Procurement Committee 

Consignee List:-

क्र.	वार्डन का नाम	मूल पद	छात्रावास का नाम	विकास
1	2	3	4	5
1	बारी बाई धुर्वे	वार्डन	के.जी.बी.व्ही.-हिनौती	तेन्दूखेडा
2	सुश्री यशबन्ती मोहबे	वार्डन	के.जी.बी.व्ही.-टौरी	दमोह
3	श्रीमति सीतास्वामी तिवारी	वार्डन	के.जी.बी.व्ही.-कुम्हारी	पटेरा
4	श्रीमती माया जैन	वार्डन	के.जी.बी.व्ही.-खडेरी	बटियागढ
5	श्रीमती क्रांति अहिरवाल	वार्डन	के.जी.बी.व्ही.-रजपुरा	हटा
6	श्रीमती उषा करकरे	वार्डन	के.जी.बी.व्ही.-पथरिया	पथरिया
7	सीमा खरे	सहायक वार्डन	के.जी.बी.व्ही.-कुसमीमानगढ	जबेरा