

HIGH COURT OF MADHYA PRADESH: JABALPUR

// CLARIFICATION //

No. Reg(IT)(SA)/2024/1372

Jabalpur, Dated:19.09.2024

Sub:- Clarifications /reply of pre-bid meeting dated: 04th September, 2024 regarding for the “Supply, Installation, Commissioning, Maintenance and Rate Contract of the Computer Hardware Articles to the High Court and District Courts in the State of Madhya Pradesh” with reference to tender no. Reg(IT)(SA)/2024/1236, dated: 17.08.2024.

Ref:- Pre-Bid Meeting dated: 04th September, 2024.

Reply / clarification to the pre-bid queries

On the basis of queries submitted by the bidders, the detailed reply /clarifications are prepared and the same is enumerated as per details given below for all prospective bidders:-

Query No.	RFP Reference (Section No. /Page No.)	Content of RFP Requiring Clarifications	Query of the bidders / Remarks of the bidders	Reply / clarifications to the query /Remarks by the High Court.
1. M/s AMD				
1	“Minimum Specifications – C” All-in-One-Computers (non-touch) Page No. 39	Processor - x86 Processor i.e. Intel i5, 12000 series / AMD Ryzen5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better.	We request the department to change the specification as below: Processor - x86 Processor i.e., 14th Gen Intel core i5 / AMD Ryzen 5, 8000 series (Six Core and Twelve thread or higher), 2.7 GHz or higher base frequency) or	Yes changed to Processor - x86 Processor i.e., 13 th Gen Intel core i5 (6C/12T) /

			<p>better</p> <p>The current specification mentions processors that do not support DDR5 memory. However, both processor vendors have released newer generations that do support DDR5. Additionally, the department's reference to turbo frequency pertains to the single-core frequency, which can only be achieved under ideal conditions with advanced cooling solutions, increased voltage/current, and specific software. These conditions are not typically encountered in daily operations. Therefore, we request that the specification emphasize base frequency, as it is a more relevant metric and aligns with the base requirements specified by most applications.</p>	<p>AMD Ryzen 5(6C/12T), 7000 series (Six Core and Twelve thread or higher), efficient-core 2.6 GHz or higher base frequency) or better.</p>
2. M/s Corporate Infotech Pvt. Ltd. (CIPL)				
1	Desktop Computers/ Desktop/Screen Size & Resolution	23" TFT LED, HD or higher, TCO6 certified	TCO6/ BIS	Yes changed to Screen Size & Resolution: 23 inch or above TFT LED Monitor (FHD Resolution) with TCO8 certification or higher.
2	Desktop Computers/ Desktop/EP EAT Certified	Yes	EPEAT / EPR Certified	No change.
3	B:All-in-One with Touch	Energy Star 5.2, EPEAT compliant	Energy Star 5.2/ EPEAT/EPR compliant	BEE, No change.

	Screen/AIO /Power			
3. M/s NewGen IT Technologies Ltd				
1	-	-	Are Partial /Item wise bidding allowed?	Yes allowed.
2	As per page no : 11 and point no: 2.15.2,	-	We request a relaxation in the past experience criteria, as the total value is set at Rs. 48 crore, but the quantities of the items vary, which naturally affects past performance. We kindly ask you to amend this requirement, either by specifying the experience item-wise or by providing flexibility in terms of percentage, such as: one order for 45%, two orders for 25%, and so on.	Clarified in this document regarding turnover and order value.
4. M/s Uniline Energy Systems Pvt. Ltd.				
1	-	-	Please specify for 1kva online ups spec this ups comes with 36 volt dc so it requires 3 nos. of batteries not with 4 nos. batteries	Clarified in this document in coming sections.
5. M/s Wishtel Pvt. Ltd.				
1	Page No. - 07, Point No. - 2.5.1 - Earnest Money Deposite (EMD)	General The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of "Registrar General, High Court of	Request to revise as follows: EMD should is item wise, not in totality as lot of Bidders will quote only 1 or 2 products.	Clarified in this document regarding turnover and order value.

		Madhya Pradesh, Jabalpur" valid for the period of 6 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily rejected.		
2	"Minimum Specifications – M" TABLET /Touch Screen Panel of Reputed Make and Brand like HP/Dell or equivalent brand of repute			
2a	Page No. 53 Point No.7	Screen Size 14" or Higher Capacitive Multi touch screen	We request a revision of the clause to change the screen size requirement from "14" or Higher Capacitive Multi-Touch Screen" to "12" or Higher Capacitive Multi-Touch Screen." The original specification of "14" or Higher" pertains to laptop specifications and adjusting this requirement to 12" or higher will better align with our needs.	No change.
2b	Page No. 53 Point No.8	Resolution 2950 * 1800 or above with Capacitive Multi-touch	We request a revision of the clause to change the resolution requirement from "2950 x 1800 or above with Capacitive Multi Touch" to "2000 x 1200 or above." The original resolution of 2950 x 1800 is higher than necessary for your requirements and adjusting it to 2000 x 1200 will be more suitable & available with multiple OEM's.	No change.
2c	Page No. 53 Point No.12	Connectivity Bluetooth 5.2 or above, 5G SIM slot, WLAN	We request a revision of the clause to change the connectivity requirements from "Bluetooth 5.2 or above, 5G SIM slot, WLAN" to "Bluetooth 5.0, 4G SIM slot, Wi-Fi + Cellular connectivity." The	No change.

			original specifications of Bluetooth 5.2 or above, 5G SIM slot, and WLAN are associated with limited OEM options, and the revised requirements will better accommodate your requirements and available with multiple OEM's.	
2d	Page No. 53 Point No.13	Battery 10000 mAh or Higher	We request a revision of the clause to change the battery requirement from "10000 mAh or Higher" to "8000 mAh or Higher." The original specification of 10000 mAh or higher is quite high for the tablet category, and adjusting it to 8000 mAh or higher will be more appropriate for your requirements. 8000 Mah and above is much suitable and pair with the device, which support 8-9 hours battery backup.	No change.
2e	Page No. 53 Point No.18	Certification CE and FCC	Allow Indian certificate for MII, Certificate: ISO 27001, ISO 9001, ISO 14001, BIS, RoHS, EPR of the Tablet must comply with Indian Standard. We kindly request the department to remove the requirement for foreign certificates for our products. It has come to our attention that our products are required to obtain foreign certificates such as the CE, FCC certifications, despite the fact that we do not supply our products in the international market. We are Indian OEM, and we are comes under MSME exemption for foreign certificate	Yes allowed ISO 9001, ISO 14001, BIS, RoHS, EPR of the Tablet also certification CE and FCC is required.

			as per Foreign Certificate Exemption Clause- https://www.meity.gov.in/writereaddata/files/PPP_MII_Order_dated_16_09_2020.pdf Page No 7 Point No- e	
2f	Page No. 53 Point No.19	Stylus / Pen Yes Required	Request to revise as follows: We are interested to participate in the subject bid. However as per the specification of the tender, we will request department to allow Non Stylus device for the same, so that we can also participate in this tender. Stylus pen is not required and necessary for this project. Without stylus also tablet is very much useful to type and write.	No change.
6. M/s Novateur Electrical & Digital Systems Pvt. Ltd.				
1	Section – II/Page No. - 08, Point No. - 2.5.1 - Earnest Money Deposit (EMD)	General The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of “Registrar General, High Court of Madhya Pradesh, Jabalpur” valid for the period of 6 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily	Request you to change it as item wise EMD as most of the UPS sellers are not dealing with other IT related products.	Yes allowed.

		rejected.		
“Minimum Specifications – D” Line Interactive UPS System of 1000 VA with minimum one hour power backup in standard conditions /full load				
2	Section – VII/ Page No 41	AC OUTPUT Voltage Window : 230+ 8% (With AVR)	As per industry standard, For Line Interactive UPS AC OUTPUT Voltage Window should be 230 V ± 10% (With AVR)	Yes allowed for Line Interactive UPS AC OUTPUT Voltage Window should be 230 V ± 10% (With AVR)
3	Section – VII/ Page No 41	INVERTER MODE (Output) 1.Voltage 230 volts + 5% during all conditions in inverter mode like Full load to no load, backup period etc.	As mentioned above, As per industry standard, For Line Interactive UPS, AC OUTPUT Voltage Window should be 230 V ± 10% (With AVR)	Yes changed For Line Interactive UPS, AC OUTPUT Voltage Window should be 230 V ± 10% (With AVR)
4	Section – VII/ Page No 41	2.Frequency 50 Hz + 0.5 Hz	As per industry standard, For Line Interactive UPS, Frequency 50 Hz ± 1Hz	Yes allowed For Line Interactive UPS, Frequency 50 Hz ± 1Hz
5	Section – VII/ Page No 41	3. Load Power Factor 0.70 (Lag)	For Line Interactive UPS, Load Power Factor 0.60 (Lag)	Yes allowed For Line Interactive UPS, Load Power Factor 0.60 (Lag)
6	Section – VII/ Page No 41	4.Output Load 420W for 600VA & 700W for 1000VA, at 0.70 lag load	For Line Interactive UPS, Output Load 360W for 600VA & 600W for 1000VA, at 0.60 lag load	Yes allowed For Line Interactive UPS, Output Load 600W for 1000VA, at 0.60 lag load.

7	Section – VII/ Page No 41	9.DC Bus Voltage 24 V or higher	As only 60 Mins backup is required, And VAH mentioned as ≥ 1923 VAH, Please change DC Bus Voltage 12 V or higher.	Yes changed.
8	Section – VII/ Page No 41	Backup Time 120 minutes	As per the heading of Minimum Specifications – D, it is mentioned, One Hour backup. Please clarify.	minimum 30 minutes to 45 minutes or above power backup in standard conditions /full load
9	Section – VII/ Page No 41	Battery Cabinet: Inbuilt / separate cabinet matching to the UPS cabinet. In case of a separate battery cabinet, the cabinet should be free from sharp edges, scratches, nicks & burns etc. The battery cabinet must have lockable caster wheels	Separate battery should be kept in MS open rack for batter battery life. Also Rack/Cabinet should not be having wheels due to safety purpose. So please change it to MS open rack without wheel.	No change.
10	Section – VII/ Page No 42	4. Overload Yes ,110% for 2 minutes	Kindly remove this clause as overload capacity is not available in line interactive UPS	Yes changed.
11	Section – VII/ Page No 42	Management Software (OPTIONAL) May quote as Optional item.	Kindly remove this clause. As per industry standard, Management Software is not available in line interactive UPS	Optional.
12	Section – VII/ Page No 42	AC Output SOCKETS Minimum 3 Nos. (230V/5A ISI mark) sockets / IEC socket with cable up to 500VA UPS and an additional terminal block for 700VA UPS and higher ratings	Terminal block is available in Online and higher capacity UPS. Kindly remove terminal block.	Optional.
“Minimum Specifications – E” UPS 1KVA (ONLINE) with minimum one hour power backup in standard conditions /full load				
13	Section – VII/ Page	Battery (SMF) 4 number of 12V, 9ah	4Nos 9Ah battery cannot provide one hour backup on full load,	Yes changed to Battery

	No. 43	battery or equivalent or better. Should be internal /inbuilt.	also, for one hour backup, internal battery cannot be possible as minimum 1500VAH/3Nos 42AH battery is required for 1 hour backup on full load & that would be external	(SMF) 4 number of 12V, 9ah battery or with minimum 432vah or equivalent or better. Should be internal /inbuilt.
“Minimum Specifications – F” UPS 5 KVA (ONLINE) with minimum two hour backup				
14	Section– VII/ Page o. 43	Input Frequency 0.8 or higher	Input Frequency should be 50Hz +/- 5%	Yes changed.
15	Section– VII/ PageNo. 43	Inverter Overload 125% for 10 minutes, 150% for 10 secs	At 0.8 power factor, it should be 125% for 5 minutes, 150% for 10 secs	Yes changed.
16	Section – VII/ Page No. 44	Display meters on UPS Voltmeter, Ammeter, Frequency meter, Battery Voltage & Current, Load Utilization Percentage	Separate display meters were available in old technology UPS. Now a day’s all new technology UPS digital is having LCD display in which all the parameters of voltage, frequency, load percentage are available. Therefore, kindly remove this parameter and include LCD display.	Yes permitted to LCD display.
17	Section – VII/ Page No. 44	Battery Cabinet : Battery cabinet for safety of batteries	MS Open rack is advisable for batter life of the battery so that proper temperature can be maintained	No change.
7. M/s HP India Sales Pvt. Ltd.				
1	Section – VIII Table – “A” & Table – “B” Buy Back, Page no.57 & 59	In the Table – “A” the mentioned quantity of All-in-One Computers (non-touch) is 3890 nos. & In the Table “B” Buy Back the mentioned quantity of All-in-One Computers (non touch) under buyback is 3399 nos.	As per the RFP it is mentioned to provide two BOQ for quoting All-in-One Computers (non-touch). Table - "A" is without buyback and Table "B" is with Buy Back. It is not clear that this are two different quantities to be considered {i.e. 3890 (without buyback) + 3399 (with buyback) = 7289} or for two different options for All-in-One	Minimum 7289 no. of all in one computers and the number may be increased.

			Computers (non-touch). Please help us with more clarity of total quantity of AIO (Non touch)	
2	Section – VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.05	Base Frequency: 2.2Ghz or higher and Chipset	As per the clause we would request to revise the base frequency to 2.5Ghz or higher and We would request to amend the clause to "Chipset: Intel Q Series or AMD Pro series or higher processor as this is the latest processor and the same is available with all the OEM's.	Yes changed to efficient-core base frequency to 2.5Ghz or higher. Intel Q Series or AMD Pro Series or higher.
3	Section– VII 7. Technical Specifications:- “Minimum Specifications–A” Desktop Computers (Windows Operating System), Page no.37, S.No.09	System Memory (RAM): 16 GB DDR-IV 2666MhzRAM or better	As per the clause we would request to amend the clause to "System Memory (RAM):16 GB DDR-V 4400 Mhz RAM or better" as this is the latest RAM available with all OEM's. This will allow all the bidders to quote latest product. With 5 years warranty and providing latest configuration it will allow getting future upgrades without any hardware challenges.	Yes changed to System Memory (RAM):16 GB DDR-V 4400 Mhz RAM or better.
4	Section – VII 7. Technical Specifications:- “Minimum	Expandable Memory: Up to 32GB, at least 2 slots	As per the clause we would request to amend the clause to "Expandable Memory: Upton 64 GB, at least 2 slots" as this will allow better future expandability.	No change.

	Specifications – A” Desktop Computers (Windows Operating System), Page no.37, S.No.10			
5	Section – VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, S.No.15	Screen Size & Resolution: 23 inch or above TFT LED Monitor (HD Resolution) or higher with TCO6 certification.	As per the clause we would request to amend the clause to "Screen Size & Resolution: 23 inch or above TFT LED Monitor (HD Resolution) or higher with TCO8 certification" as TCO8 is the latest certification available.	Yes accepted to Screen Size & Resolution: 23 inch or above TFT LED Monitor (Full HD) or higher with TCO8 certification or higher.
6	Section–VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, S.No.22	USB Port: 4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2	As per the clause we would request to kindly include Type C USB port also in the specification. Kindly amend the clause to "USB Port: 4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2, 1 USB Type C." As TYPE C port gives faster transfer of data	Yes changed / accepted to USB Port: 4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2, 1 USB Type C.

7	Section – VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, S.No.24	Power Supply/Adaptor: Optimum Wattage SMPS to support full use of system with all USB ports utilized	We would request to kindly amend the clause to "Power Supply/Adaptor: Optimum Wattage SMPS with 90% efficiency or better to support full use of system with all USB ports utilized."	Yes changed to Power Supply/Adaptor: Optimum Wattage SMPS with 90% efficiency or better to support full use of system with all USB ports utilized.
8	Section – VII7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.25	Energy Certification: Energy Star (EPA) ver 5.0 or later/ BEE India Star ver 1 or later	As per the clause we would request to amend the clause to "Energy Certification: Energy Star (EPA) ver 8.0 or later/ BEE India Star ver 1 or later." as the Energy Star (EPA) ver 8.0 is the latest certificate certification available.	Yes accepted.
9	Section – VII 7. Technical Specifications:- “Minimum Specifications – B” Computer System All-	Processor: 13th Gen. Intel Core i7, 25 MB cache, 12 Cores, 20 threads with base frequency of 2.1 Ghz or better or equivalent.	We would request to kindly amend the clause to "Processor: 13th Gen. Intel® Core™ i7-13700 processor with Intel® UHD Graphics 770 (P-core Max turbo frequency up to 5.1 GHz, up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores)."	Yes changed to Processor: 13th Gen. Intel® Core™ i7-13700 processor with Intel® UHD Graphics 770 (P-core Max turbo

	in-One with Touch screen, Page no.38, S.No.01			frequency up to 5.1 GHz, up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores)
10	Section – VII 7. Technical Specifications:- “Minimum Specifications – C” All-in-One-Computers (non-touch), Page no.39, S.No.02	Processor: x86 Processor i.e. Intel i5, 12000 series / AMD Ryzen5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better	We would request to kindly amend the clause to "Processor: x86 Processor i.e. Intel i5, 13000 series / AMD Ryzen5, 7000 series (Six Core and Twelve thread or higher), 4.8 GHz or higher turbo frequency) or better." as AMD Ryzen5 7000 series is equivalent to Intel i5 12000 series.	Already mentioned in Page No. 01 Point No. 01
11	Section – VII 7. Technical Specifications:- “Minimum Specifications – C” All-in-One-Computers (non-touch), Page no.39, S.No.04	Chipset: Suitable chipset for quoted processor with upgradable support	We would request to amend the clause to "Chipset: Intel Q Series or AMD Pro series or higher processor as this is the latest processor available with all the OEM's.	Yes accepted to Chipset: Intel Q Series or AMD Pro series or higher.
12	Section– VII 7.	Memory: 8GB DDR-5 3200 MHz or higher expandable up to 64GB	As per the clause we would request to kindly amend the clause to Memory: 8GB DDR5-	Yes accepted to Memory: 8GB DDR5-

	Technical Specifications:- "Minimum Specifications – C" All-in-One-Computers (non-touch), Page no.39, S.No.05		4400 MHz or higher expandable up to 64GB."	4400 MHz or higher expandable up to 64GB.
13	Section– VII 7. Technical Specifications:"Minimum Specifications–C" All-in-One-Computers (non-touch), Page no.39, S.No.06	Graphics: Integrated HD or better Graphic controller	We would request to kindly amend the clause to "Graphics: Integrated UHD or better Graphic controller". As UHD is the latest technology available with all the OEM's.	Yes accepted to Graphics: FHD or better Graphic controller.
14	Section – VII 7. Technical Specifications:- "Minimum Specifications – C" All-in-One-Computers (non-touch), Page no.39,	External Ports: 2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 HDMI port, 1 DP port	As per the clause we would request to kindly include Type C USB port also in the specification. We would request to kindly amend the clause to "External Ports: 2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 USB Type C 1 HDMI Out port, 1 HDMI in Port,1 DP port."	Yes accepted to External Ports: 2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 USB Type C, 1 HDMI port or 1 DP port. In case of Display port, the vendor has to provide

	S.No.09			display to HDMI converter.
15	Section – VII 7. Technical Specifications:- “Minimum Specifications – C” All-in-One-Computers (non-touch), Page no.39, S.No.14	Webcam: Full HD with integrated mike	As per the clause we would request to amend the clause to "Webcam: Full HD 5MP with integrated mike."	No change.
16	Section – VII 7. Technical Specifications:- “Specifications – G” Multifunctional Device (MFD) Machine, Page no.43, S.No.6	Language support: PCL6/UFRII or equivalent	We would request to include PS3 language support in the specification and amend the clause to "Language support: PCL6/UFRII/PS3 or equivalent"	The vendor can quote higher side.
17	Section–VII 7. Technical Specifications:- “Minimum Specifications – H” Heavy Duty Digital Mult	Output format: Tiff, pdf with advance scanning options and output	As per the clause what do you mean by advance scanning options? We would request to clarify the same.	Yes changed to advance scanning option is PDF/A. Scan to PDF/A etc.

	ifunctional Device (MF D) Machine , Page no.44, S. No.			
18	Section – VII 7. Technical Specificatio ns:- “Minimum Specificatio ns – H” Heavy Duty Digital Mult ifunctional Device (MF D) Machine , Page no.44, S.No.	Std Printer: GDI Printing	We would request to include PCL and PS in the specification and amend the clause to "GDI Printing/PCL AND PS"	Yes changed to PCL6 & PS or higher.
19	Section – VII7. Technical Specificatio ns:- “Minimum Specificatio ns –I” High Speed Network L aser Jet Pri nters, Page no.45, S.No.08	Operating system required: Windows and Linux Ubuntu 16.04, 18.04, 20.04.	As per the clause 16.04 operating system is end of support and is not available with the new printers. We would request to kindly remove the support for 16.04 from the specifications and amend the clause to Operating system required: Windows and Linux Ubuntu 18.04, 20.04."	Yes accepted to Operating system required Windows 11 and Linux Ubuntu 20.04 or above.
20	Additional Point (need to consider as per guidelines)	GFR Clause required for Desktop, AIO non touch	Request: Please include GFR rules as if not included you will tend to get materials / Bidders who are Non Complaint to GFR rule which will also be in violation of the Department of Expenditure also the same procurement is	Yes included.

			<p>happening across India in all the courts and no where there are bidders/ OEM's allowed who are not complaint to GFR rule. Justification: GFR rules Cited 2. GFR Rule No. 6/18/2019-PPD Dated: 23rd July 2020: "As per the Order any bidder from such countries sharing a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority. The Competent Authority for registration will be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Political and Security clearance from the Ministries of External and Home Affairs respectively will be mandatory".</p>	
			<p>3. GFR Rule No. 6/18/2019-PPD Dated: 23rd July 2020: "Department of Expenditure may, by order in writing, impose restrictions, including prior registration and/or screening, on procurement from bidders from a country or countries, or a class of countries, on grounds of defense of India, or matter directly or indirectly related thereto including national security; no procurement shall be made in violation of such restrictions'</p>	<p>Latest GFR circulars shall be applicable</p>
<p>21</p>	<p>Additional Point (need to consider</p>	<p>Ink Signed MAF from OEM and Compliance signed by OEM with Bid</p>	<p>Authorization letter/MAF from OEMs. Authorization letter/MAF from OEMs must contain the</p>	<p>Yes added</p>

	as per guidelines)	No.	assurance of support as per subject RFP and ink signed stamp by Authorized signatory of the OEM on letterhead along with compliance to be signed by OEM. The same is required since it is RC and valid for 5 years OEM's compliance on Letter head binds to deliver the best in product and business continuity of the product for 5 years.	
22	Additional Point (need to consider as per guidelines)	Ubuntu Certification and Windows Certification for Computing devices	Request: Please ask to provide computing devices that are both Ubuntu and Windows Certified, along with the relevant certification documents. Justification: The machines operate within the High Court environment for approximately 3 to 5 years, and certified machines ensure support throughout their entire lifespan. Certified machines guarantee the support for the operating system. In contrast, if the machines are not certified, in future provider may decline to provide support, especially during critical OS upgrades that occur periodically. Furthermore, with all the latest OS upgrades incorporating AI features, including those that the High Court may adopt in the near future, uncertified machines may lead OEMs to cite legal clauses to avoid fulfilling support requirements. Therefore, certification is crucial for ensuring uninterrupted support and compliance with future technological advancements for the entire lifespan of High Court.	Yes included
8. M/s Acer India Pvt. Ltd.				
1	Operating	Android 12	or	Request to Change Android 13.0 Latest

	System	Higher /iOS 12 or higher /Windows equivalent /Any other compatible OS		Android 14 / Latest windows version to be supplied /Any other compatible OS.
2	Processor Speed	1.8 GHz or Higher	Request to Change 2.0 Ghz	Yes Changed to better.
3	Processor Core	Quad or better	Request to Change Octa Core 2.0	Yes Changed to better.
4	RAM	16 GB or Higher	Request to Change 4 GB	No change
5	Internal Storage	256 GB or above	Request to Change 64Gb	No change
6	expandable external memory	minimum 256 GB	Request to Change 512 GB	No change
7	Screen Size	14" or Higher Capacitive Multi touch screen	Request to Change 10.1"	No change
8	Resolution	2950 * 1800 or above with Capacitive Multi-touch	Request to Change 1920*1200	No change
9	Brightness (Nits)	400 nits or Higher		-
10	Rear Camera	12 MP or Higher		-
11	Front Camera	5 MP or Higher		-
12	Connectivity	Bluetooth 5.2 or above, Mini/type C-USB OTG, 4G & 5G SIM slot, 3.5mm headphone jack, 'C' Port to support dual (display) if required, WLAN Wi-Fi 802.11a/b/g/n/ac/6e, Dual-band, Wi-Fi Direct	Bluetooth 5.0 or above, Mini/type C- USB OTG, 4G & 5G SIM slot, 3.5mm headphone jack, 'C' Port to support Wi-Fi 802.11a/b/g/n/ac/6e,	Bluetooth 5.2 or above, Mini/type C-USB OTG, 4G & 5G SIM slot, 'C' Port to support dual (display) WLAN Wi-Fi 802.11a/b/g/n/ac/6e, Dual-band, Wi-Fi

				Direct. The 3.5mm headphone jack is optional.
13	Battery	10000 mAh or Higher	Request to Change 7100 Mah	No change
14	Mobile Device Management Support	Yes	Partner to be manage	-
15	Comprehensive On Site Warranty	Three (3) Years	OK	-
16	Audio	Built-in stereo speaker with Audio and stereo head phone jack.		-
17	Accessories	1. Charger as per Indian electrical environment 2. OEM supplied Hard Protection cover 3. Data Cable 4. OTG/USB Adapter Kit for connecting external USB drive	Partner to be manage	-
18	Certification	CE and FCC	OK	Yes allowed ISO 9001, ISO 14001, BIS, RoHS, EPR of the Tablet also certification CE and FCC is required
19	Stylus Pen /	Yes Required	OK	
20	Stand	Yes, Inbuilt / External - to use the Tablet at 60-90 degrees on Court dais.	Partner to be manage	Yes
21	Desktop point 02	Form Factor - Small Form Factor with	Request to change 9.5 Liters	No change

		Volume less than 8 Liters		
22	All in One Desktop point 05 - Specifications – C	Memory - 8GB DDR-5 3200 MHz or higher expandable up to 64GB	Request to change 8GB DDR4 3200MHz	Already clarified
23	Technical Specification “Minimum Specifications – A” Desktop Computers (Windows Operating System) Page No. 37	Point No.2 Form Factor :- Small Form Factor with Volume less than 8 Liters	Request/ suggest to change 9.5 Ltr as specific less than 8 Ltr restrict other renowned brand to participate and its asked support specific OEMS.	No change
24	Technical Specification “Minimum Specifications – C All-in-One-Computers (non-touch) Page No. 39	Point No.3 Motherboard :- OEM Motherboard	Request/ suggest to change include H/B/Q Series Mother Board	Already clarified
25	Technical Specification “Minimum Specifications – C All-in-One-Computers (non-touch) Page No.	Point No.5 Memory 8GB DDR-5 3200 MHz or higher expandable up to 64GB	Request/ suggest changing DDR4- 3200Mhz or Higher as Currently as per industry standard DDR4 RAM is current running technology.	Already clarified

	39			
26	Technical Specification "Minimum Specifications – C All-in-One-Computers (non-touch) Page No. 39	Point No.17 OS Support: - Latest version of Windows, Linux and Any other Compatible OS. Supplier to provide latest drivers for Windows, Linux (Ubuntu) and any other compatible OS	OK	No change.
27	2.15 Eligibility/ Pre-Qualification Criteria: Page No. 11	2.15.2 (ii) Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following:- 1.(a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR 1.(b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR 1.(c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.	Evaluation criteria is item wise, hence requesting Eligibility criteria and EMD should also be item wise for maximum vendors participation and fair competition.	Yes accepted clarified in this document.
28			Requesting Department kindly ref	Yes

			<p>Land boarder Sharing policy for procurement Ref: (i) Public Procurement Division, DoE, MoF F. No.6/18/2019-PPD dated 23.07.2020:-</p> <p>https://doe.gov.in/files/circulars_document/Clarification_to_order_public_Procurement_NO1_dtd_23_July_2020.pdf</p> <p>(ii) Public Procurement Division, DoE, MoF F. No.7/10/2021-PPD (1) dated 23.02.2023:-</p> <p>https://doe.gov.in/files/procurement-policy-division/OM%20No.%207%2010%202021%20-%20PPD%20dated%2011.09.2023.pdf</p>	accepted.
9. M/s Tekno Solutions Pvt. Ltd.				
1	Page No. - 07, Point No. - 2.5.1, Earnest Money Deposite (EMD)	The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of "Registrar General, High Court of Madhya Pradesh, Jabalpur" valid for the period of 6 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily rejected.	Request to revise as follows: To ensure a fair and accurate evaluation of bids, the Earnest Money Deposit (EMD) should be calculated and required on an individual item basis rather than as a total sum for all items. This approach is necessary because many bidders may choose to submit proposals for only one or two specific products, rather than for the entire range. By assessing the EMD on a per-item basis, we can better accommodate this variability in bid submissions and maintain equitable conditions for all participating bidders.	Yes accepted.

“Minimum Specifications – A” - Desktop Computers (Windows Operating System) Brand: Dell / HP / IBM or equivalent brand of repute				
2	Page No. - 37, Point No. 2	Small Form Factor with Volume less than 8 Liters	We request that the requirement be amended to 8 liters or above, as the current specification of less than 8 liters is limiting the participation to only two original equipment manufacturers (OEMs). This restriction not only reduces competition but is also causing significant financial losses to the High Court due to the limited number of OEMs involved. Expanding the criteria to 8 liters or more will encourage greater participation and help mitigate these financial impacts.	No change.
3	Page No. - 37, Point No. 13	Windows 11 Professional version and windows certification.	Should be Windows 11 Professional Certificate / Windows Certificate	No change.
“Minimum Specifications – C” All-in-One-Computers (non-touch)				
4	Page No. 39, Point No. 5	8GB DDR-5 3200 MHz or higher expandable up to 64GB	Request to change to 8 GB DDR4 or higher expandable up to 64 GB as the existing condition of 8 GB DDR5 3200 MHZ or higher expandable up to 64 GB is restricting to 2 oem's, nothing comes higher than DDR5 in the industry and also giving financial losses to High court due to limited oem's participation	No change. Already clarified.
“Minimum Specifications – M” TABLET /Touch Screen Panel of Reputed Make and Brand like HP/Dell or equivalent brand of repute				
5	Page No. 53 Point No.7	Screen Size 14" or Higher Capacitive Multi touch screen	We request a revision of the clause to change the screen size requirement from "14" or Higher Capacitive Multi-Touch Screen" to "12" or Higher Capacitive Multi- Touch Screen." The original specification of "14" or Higher" pertains to laptop specifications and adjusting this requirement to	No change

			12" or higher will better align with our needs.	
6	Page No. 53 Point No.8	Resolution 2950 * 1800 or above with Capacitive Multi-touch	We request a revision of the clause to change the resolution requirement from "2950 x 1800 or above with Capacitive Multi-Touch" to "2000 x 1200 or above." The original resolution of 2950 x 1800 is higher than necessary for your requirements and adjusting it to 2000 x 1200 will be more suitable & available with multiple OEM's.	No change
7	Page No. 53 Point No.12	Connectivity Bluetooth 5.2 or above, 5G SIM slot, WLAN.	We request a revision of the clause to change the connectivity requirements from "Bluetooth 5.2 or above, 5G SIM slot, WLAN" to "Bluetooth 5.0, 4G SIM slot, Wi-Fi + Cellular connectivity." The original specifications of Bluetooth 5.2 or above, 5G SIM slot, and WLAN are associated with limited OEM options, and the revised requirements will better accommodate your requirements and available with multiple OEM's.	Bluetooth 5.2 or above, Mini/type C-USB OTG, 4G & 5G SIM slot, 'C' Port to support dual (display) WLAN Wi-Fi 802.11a/b/g/n /ac/6e, Dual-band, Wi-Fi Direct. The 3.5mm headphone jack is optional.
8	Page No. 53 Point No.13	Battery 10000 mAh or Higher	We request a revision of the clause to change the battery requirement from "10000 mAh or Higher" to "8000 mAh or Higher." The original specification of 10000 mAh or higher is quite high for the tablet category, and adjusting it to 8000 mAh or higher will be more appropriate for your requirements. 8000 Mah and above is much suitable and pair with the device, which support 8-9	No change

			hours battery backup.	
9	Page No. 53 Point No.18	Certification CE and FCC	Allow Indian certificate for MII, Certificate: ISO 27001, ISO 9001, ISO 14001, BIS, RoHS, EPR of the Tablet must comply with Indian Standard. We kindly request the department to remove the requirement for foreign certificates for our products. It has come to our attention that our products are required to obtain foreign certificates such as the CE, FCC certifications, despite the fact that we do not supply our products in the international market. We are Indian OEM, and we are comes under MSME exemption for foreign certificate as per Foreign Certificate Exemption Clause- https://www.meity.gov.in/writereaddata/files/PPP_MII_Order_dated_16_09_2020.pdf Page No 7 Point No- e	Already clarified above.
10	Page No. 53 Point No.19	Stylus / Pen Yes Required	Request to revise as follows: We are interested to participate in the subject bid. However as per the specification of the tender, we will request department to allow Non Stylus device for the same, so that we can also participate in this tender. Stylus pen is not required and necessary for this project. Without stylus also tablet is very much useful to type and write.	No change
“Minimum Specifications – D” Line Interactive UPS System of 1000 VA with minimum 30 minutes to 45 minutes or above power backup in standard conditions /full load				
11	Section – VII/ Page No 41	AC OUTPUT Voltage Window : 230+ 8% (With AVR)	As per industry standard, For Line Interactive UPS AC OUTPUT Voltage Window should be 230 V ± 10% (With AVR)	Already clarified
12	Section – VII/ Page	INVERTER MODE (Output) 1.Voltage 230	As mentioned above, As per industry standard, For Line	Already clarified

	No 41	volts + 5% during all conditions in inverter mode like Full load to no load, backup period etc.	Interactive UPS, AC OUTPUT Voltage Window should be 230 V \pm 10% (With AVR)	
13	Section – VII/ Page No 41	2.Frequency 50 Hz + 0.5 Hz	As per industry standard, For Line Interactive UPS, Frequency 50 Hz \pm 1Hz	Already clarified
14	Section – VII/ Page No 41	3. Load Power Factor 0.70 (Lag)	For Line Interactive UPS, Load Power Factor 0.60 (Lag)	Already clarified
15	Section – VII/ Page No 41	4.Output Load 420W for 600VA & 700W for 1000VA, at 0.70 lag load	For Line Interactive UPS, Output Load 360W for 600VA & 600W for 1000VA, at 0.60 lag load	Already clarified
16	Section – VII/ Page No 41	9.DC Bus Voltage 24 V or higher	As only 60 Mins backup is required, And VAH mentioned as \geq 1923 VAH, Please change DC Bus Voltage 12 V or higher	Already clarified
17	Section – VII/ Page No 41	Backup Time 120 minutes	As per the heading of Minimum Specifications – D, it is mentioned, One Hour backup. Please clarify.	Already clarified above
18	Section – VII/ Page No 41	Battery Cabinet: Inbuilt / separate cabinet matching to the UPS cabinet. In case of a separate battery cabinet, the cabinet should be free from sharp edges, scratches, nicks & burns etc. The battery cabinet must have lockable caster wheels	Separate battery should be kept in MS open rack for batter battery life. Also Rack/Cabinet should not be having wheels due to safety pulpous. So please change it to MS open rack without wheel.	Already clarified
19	Section – VII/ Page No 42	4. Overload Yes,110% for 2 minutes	Kindly remove this clause as overload capacity is not available in line interactive UPS	Already clarified
20	Section – VII/ Page No 42	Management Software (OPTIONAL) May quote as Optional item.	Kindly remove this clause. As per industry standard, Management Software is not available in line interactive UPS	Already clarified
21	Section – VII/ Page	AC Output SOCKETS Minimum 3 Nos.	Terminal block is available in Online and higher capacity UPS.	Already clarified

	No 42	(230V/5A ISI mark) sockets / IEC socket with cable upto 500VA UPS and an additional terminal block for 700VA UPS and higher ratings	Kindly remove terminal block	
“Minimum Specifications – E” UPS 1KVA (ONLINE) with minimum one hour power backup in standard conditions /full load				
22	Section – VII/ Page No 43	Battery (SMF) 4 number of 12V, 9ah battery or equivalent or better. Should be internal/inbuilt.	4Nos 9Ah battery cannot provide one hour backup on full load, also, for one hour backup, internal battery cannot be possible as minimum 1500VAH/3Nos 42AH battery is required for 1 hour backup on full load & that would be external	Already clarified
“Minimum Specifications – F” UPS 5 KVA (ONLINE) with minimum two hour backup				
23	Section – VII/ Page No 43	Input Frequency 0.8 or higher	Input Frequency should be 50Hz +/- 5%	Already clarified
24	Section – VII/ Page No 43	Inverter Overload 125% for 10 minutes, 150% for 10 secs	At 0.8 power factor, it should be 125% for 5 minutes, 150% for 10 secs	Already clarified
25	Section – VII/ Page No 44	Display meters on UPS Voltmeter, Ammeter, Frequency meter, Battery Voltage & Current, Load Utilization Percentage	Separate display meters were available in old technology UPS. Now a day's all new technology UPS digital is having LCD display in which all the parameters of voltage, frequency, load percentage are available. Therefore, kindly remove this parameter and include LCD display.	Already clarified
26	Section – VII/ Page No 44	Battery Cabinet : Battery cabinet for safety of batteries	MS Open rack is advisable for batter life of the battery so that proper temperature can be maintained	Already clarified
10. M/s Dayma Infotech Pvt. Ltd.				
1	Online EMD 01 Crore valid for 6	01 Crore valid for 6 months	Vendor assessment to be allowed	Quote as per tender and as per this clarification.

	months Vendor assessment to be allowed			
2	Page 20, Clause 4.2.1	Performance Guarantee: 3% of the Contract Value valid for a period of 60 months	Reducing this to 1% of the contract value, while maintaining the same validity period.	No change
3	Page 24, Clause 4.9	Liquidated damages: A sum equivalent to 1% of the contract price for every week (seven days) or part thereof of delay up to a maximum deduction of 10% of the contract price	Revising this to 0.5% per week, with a cap at 5%, applied location-wise.	Yes changed to 0.5% per week of the contract value and maximum of 10%.
4	Page No. 38 S.No.13. Operating System certificate	Windows 11 Professional version and windows certification.	Updating this to the latest Windows 11 Professional 64-bit version, preloaded with all necessary drivers. Additionally, Ubuntu certification should be required for products using the Ubuntu operating system.	Yes changed.
5	Add On Point	-	Land border (make in India) to include as per the govt guidelines of GFR rules.	Already clarified above.

11. Electro Photo Equipments Pvt.Ltd.

1	Page No. 11=> 2.15 ELIGIBILITY/ PREQUALIFICATION CRITERIA=> Point No. 2.15.2 (ii)	Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal	For wider participation of small scale and genuine Bidders, we request to make the below changes in the prequalification eligibility criteria: Should be either of the following:- (a) Four similar completed work costing not less than the amount equal to 20% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 30% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 60% of the estimated cost.	Changes made in the clarifications.
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		to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.		
2	Page No. 7=> 2.5 EARNEST MONEY DEPOSIT (EMD)=> Point No. 2.5.1	The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of "Registrar General, High Court of Madhya Pradesh, Jabalpur" valid for the period of 6 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily rejected	Please Reduce the EMD amount to 48 lacs to allow broader participation of small Bidders too.	Already clarified in this document /clarification.
3	Page No. 35=> 7. TECHNICAL SPECIFICATIONS=> Point No. (iv)	Enclose all product catalogues and technical brochures of the products / items along with Manufacturer Authorization Form (MAF) addressed to the "Registrar General, High Court of Madhya Pradesh", Jabalpur	Currently, Manufacturer Authorization Form (MAF) is sought in the tender. Please specify the "Tender specific MAF only from respective OEMs" for genuine participation of Bidders.	Yes included

		(M.P.)		
12. Veltronics India Pvt. Ltd				
1	1. Financial Turnover Requirement (Clause 2.15.1 (i))	Average Annual Financial turnover of the bidder during last 3 financial years, ending 31st March of financial year i.e. 2023-2024 should be at least Rs. 20 Crore.	Considering that the tender includes three broad categories—PCs, UPS, and Printers—and most bidders will quote products in only one or two categories, it is unlikely that all product orders will go to a single bidder, as MPHC will place orders based on line item L1. To maximize participation and expert bidder will quote directly in the bid; we request that the turnover requirement be reduced from Rs. 20 Crore to Rs. 7.5 Crore. This reduction will align with the budget based on category-specific needs and allow OEMs/bidders to quote only their specialized products.	Changes made in the clarifications.
2	Reduction of EMD		We also request a reduction in the EMD requirement or that it be set at 0.5% to 1% of the quoted product value. This adjustment will encourage participation from product-specialist OEMs/bidders in their respective categories. For your reference, we are enclosing the Rajasthan High Court tender that has adopted a similar approach. We will request you to consider EMD in the form of BG	Changes made in the clarifications.
3	Consideration of Experience and Order Value as per Category Budget or Quoted Price (Clause		Request you to have Experience as per budget 7.5 Cr considering bidder will quote one or two category or partial line item	Changes made in the clarifications.

	2.15.2):			
4	Delivery Time		We request that the delivery time be amended from 8 weeks to 12 weeks to ensure seamless and timely fulfillment.	No change.
13. Dell Technologies				
1	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No 04/ Processor Family	Intel Core i5 Processor with 13th Generation or better.	Intel Core i5 Processor with 13th Generation or Latest (processor launched date not before year 2024 and TDP not less than 65W)	Yes changed to Intel Core i5 Processor with 13th Generation or Latest.
2	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No 05 / Base Frequency	2.2Ghz or higher	Remove this as 13 Generation processor have "P" & "E" core base frequency. Or change it as minimum 1.8 Ghz or more	Already clarified.
3	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No 06/ Processor Cache	As per Processor	Minimum 24 MB	Yes changed to Minimum 24 MB.

4	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No 07/ Motherboard & Chipset	Intel Original Mother Board or better or equivalent M/B based on associated Chipset with Minimum two free PCI/ PCI-x/PCI-Express slots/ PCIe x1 + 1 Half Height PCIe	Intel Q670 or latest chipset with Minimum two free PCI/ PCI-x/PCI-Express slots/ PCIe x1 + 1 Half Height PCIe x 16 slot. Integrated TPM 2.0 Security in the motherboard.	Yes changed to Intel Q670 or latest chipset with Minimum two free PCI/ PCI-x/PCI-Express slots/ PCIe x1 + 1 Half Height PCIe x 16 slot. Integrated TPM 2.0 Security in the motherboard.
5	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No. 09/ System Memory (RAM)	16 GB DDR-IV 2666MhzRAM or better	16 GB DDR- V 4400 MHz RAM or better	Already clarified.
6	Minimum Specifications – A/Desktop Computers (Windows OS)/ Clause No. 10 / Expandable Memory	Up to 32GB, at least 2 slots	up to 64 GB, at least 2 slots	No change
7	Minimum Specifications-A/ Desktop	Windows 11 Professional version and windows certification.	Windows 11 Professional version , Ubuntu Linux	No change. Since, This is Windows OS machine.

	Computers (Windows Operating System)/ Clause No. 13 / Operating System Certificate			
8	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No. 15/ Screen Size & Resolution	23 inch or above TFT LED Monitor (HD Resolution) or higher with 6 certification.	Minimum 23.8" with Minimum resolution of 1920 x 1080), Integrated ports in the monitor: 1 x VGA, 1 x Display Port and 1 x HDMI. Monitor must TCO 9 and Energy Star 8.0 Certified. Monitor Power supply must integrate with the monitor, without any external power adaptor,	Yes changed to 23 inch or above (Full HD 1920 x 1080) with TCO 8 certification or higher.
9	Minimum Specifications-A/Desktop Computers (Windows Operating System)/ Clause No. 16/ Screen Type	HD Wide Screen Backlit LED Anti-Glare Display	FHD Wide Screen Backlit LED Anti-Glare Display	Yes Changed to FHD.
10	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No. 21/ Wireless	IEEE 802.11 AC. The vendor may quote higher specifications.	IEEE 802.11 AX. The vendor may quote higher specifications.	IEEE 802.11 AC / AX. The vendor may quote higher specifications .
11	Minimum	4 x USB 2.0, 2 x USB	Minimum 8 USB ports including 4	Already

	Specifications- A/Desktop Computers (Windows Operating System)/ Clause No. 22 / USB Port	3.0/3.1 / 3.2One	x USB 2.0, 2 x USB 3.2 and at least one USB 3.2 Type-C port.	clarified.
12	Minimum Specifications- A/Desktop Computers (Windows Operating System)/ Clause No. 23/ Other Ports	Mic In and Speaker Out (or head phone/ microphone combo), Rj45, VGA, Display out port or HDMI out port. In case of Display port, the vendor has to provide display to HDMI converter.	Mic In and Speaker Out (or head phone/ microphone combo), Rj45, VGA / Display Port out and 1 x HDMI out port. In case of Display port, the vendor has to provide display to HDMI converter	Mic In and Speaker Out (or head phone/ microphone combo), Rj45, Display out port or HDMI out port. In case of Display port, the vendor has to provide display to HDMI converter.
13	Minimum Specifications- A/Desktop Computers (Windows Operating System)/ Clause No. 24/ Power Supply / Adaptor	Optimum Wattage SMPS to support full use of system with all USB ports utilized	Optimum Wattage SMPS (Minimum 180W) to support full use of system with all USB ports utilized.	Quote as per tender. Already clarified.
14	Minimum Specifications- A/Desktop	Energy Star (EPA) ver 5.0 or later/ BEE India Star ver 1 or later	Energy Star (EPA) ver 8.0 or later/ BEE India Star ver 1 or later.	Yes changed to Energy Star (EPA) ver 8.0 or

	Computers (Windows Operating System)/ Clause No. 25/ Energy Certification			later/ BEE India Star ver 1 or later.
15	Minimum Specifications- A/Desktop Computers (Windows OS)/ Clause No. 26 / EPEAT Certified	Yes Required	EPEAT India Gold	EPEAT Gold
16	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No. 32/ Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM	5 Years on site Comprehensive OEM Warranty support with Level 1 Support from bidder and Level2 support from OEM.	Yes accepted.
17	Minimum Specifications-A/ Desktop Computers (Windows Operating System)/ Clause No. 33/ Service Centre	Must have Company Authorized Service Centre in Capital City/ High Court Place.	Must have Company Authorized Service Centre or onsite support facility from OEM in Capital City/ High Court Place.	Quote as per tender.
18	Minimum Specifications-B/ AIO with Touch screen	13 th Gen. Intel Core i7, 25 MB cache, 12 Cores, 20 threads with base frequency of 2.1GHz or better or	13 th Gen. Intel Core i7, 25 MB cache, 12 Cores, 20 threads with base frequency of 2.1 Ghz or better or equivalent (Processor launched date not	Already clarified.

	(Windows OS)/ Clause No. 1/ Processor	equivalent.	before year 2024 and TDP not less than 65W)	
19	Minimum Specifications-B/AIO with Touch screen (Windows OS)/Clause No.2/ Memory	16 GB DDR4 3200Mhz with 2 DIMM sockets expandable upto64 GB or higher	16 GB DDR-5 with minimum 4800 MHz or higher expandable up to 64GB, Apart from populated DIMM slots, at least one Physical DIMM Slot should be spared for the future use	16 GB DDR-5 with minimum 4400 MHz or higher expandable up to 64GB, Apart from populated DIMM slots, at least one Physical DIMM Slot should be spared for the future use.
20	Minimum Specifications-B/AIO with Touch screen (Windows OS)/Clause No. 4/ Monitor	Integrated 27" LED widescreen monitor with Touch Capabilities (FHD) (1920x1080) or higher or better.	Minimum Integrated 23.8" LED widescreen monitor with Touch Capabilities (FHD) (1920x1080) or higher or better.	No change
21	Minimum Specifications-B/AIO with Touch screen (Windows OS)/ Clause No. 5 / Keyboard and Optical Mouse	Wireless Keyboard and mouse	Wireless Keyboard and mouse (Same AIO OEM make)	Yes changed
22	Minimum Specifications-B/AIO	Integrated 10/100/1000, HDMI port	Minimum 06 USB ports (Minimum 3 x USB 3.2 Gen 2 or higher and Minimum 1 x USB 3.2 Gen 2 USB	Minimum 06 USB ports (Minimum 3 x

	with Touch screen (Windows OS)/ Clause No. 6 / Interface		Type C ports), 1 x HDMI in and 1 x HDMI out port, 1 DP port. The ports for display should support simultaneous out displays i.e. all three displays (One display of AIO, One display through HDMI out and one display through DP port) should work simultaneously.	USB 3.2 Gen 2 or higher and Minimum 1 x USB 3.2 Gen 2 USB Type C ports), 1 x HDMI in and 1 x HDMI out port, 1 DP port.
23	Minimum Specifications-B/AIO with Touch screen (Windows OS)/ Clause No. 10 / Wireless	Wireless NIC802.11 AC Min Card and Integrated Bluetooth 4.2 or above.	Wireless 2x2 802.11Ax Min Card and Integrated Bluetooth 5.2 or above.	Wireless NIC802.11 AC Min Card and Integrated Bluetooth 5.2 or above.
24	Minimum Specifications-B/ AIO with Touch screen (Windows OS)/Clause No. 12/ Warranty	5 Year Comprehensive Onsite Warranty	5 Years onsite Comprehensive OEM Warranty (Including any external power adaptor) support with Level 1 Support from bidder and Level2 support from OEM.	Yes accepted
25	Minimum Specifications-B/ AIO with Touch screen (Windows OS)/Clause No. 13 / Power	Energy Star 5.2 Compliance, Screen Blanking, Hard Disk and System Management Idle Mode in Power On. Set up Password. Power Supply Surge environmental protected. EPEAT compliant.	Energy Star 8.0 Compliance, Screen Blanking, Hard Disk and System Management Idle Mode in Power On. Set up Password. Power Supply Surge environmental protected. EPEAT and BIS/TCO 9 compliant. Minimum 85% Energy efficient power supply (offered power supply must be 80 Plus Certified. Documentary proof of the certification against the same along with offered AIO model details need to be submitted	Latest Energy Star compliance rest of the parameter as per tender document.

			along with the AIO Technical proposal)	
26	Minimum Specifications-B/ AIO with Touch screen (Windows OS)/Clause No. 15 / Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM	5 Years on site Comprehensive OEM Warranty (Including any external power adaptor) support with Level 1 Support from bidder and Level2 support from OEM.	Yes accepted
27	Minimum Specifications-B/ AIO with Touch screen (Windows OS)/Clause No. 16/ Service Centre	Must have Company Authorized Service Centre in Capital City/ High Court Place	Must have Company Authorized Service Centre or onsite support facility from OEM in Capital City/ High Court Place.	Quote as per tender
28	Minimum Specifications-C/AIO Computers (nontouch)/ Clause No. 2/ Processor	x86 Processor i.e. Intel i5, 12000 series / AMD Ryzen5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better	X86 Processor i.e. Intel i5, 12000 series / AMD Ryzen pro 5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better. Processor launch date not before year 2024 and TDP not less than 65W.	Already clarified on page no. 01 point no. 01
29	Minimum Specifications-C/AIO Computers (non-touch)/ Clause No. 3/ Motherboard	OEM Motherboard	Motherboard must be from AIO Desktop OEM make and OEM logo must be printed / embossed in the motherboard, OEM logo stickers will not be considered. Minimum 2 x M.2 slots. Integrated Hardware Diagnostics software (same AIO Desktop OEM makes, any 3rd party software will not accept) in the BIOS. System must be capable for 64-bit operating system (Microsoft Windows and Ubuntu / Red hat / Suse Linux). Security: Integrated Hardware TPM 2.0 security module in the	Yes changed to Motherboard to be from the AIO OEM. And the system must be capable for 64-bit operating system (Microsoft Windows and Ubuntu / Red hat / Suse

			motherboard	Linux). Security: Integrated Hardware TPM 2.0 security module in the motherboard
30	Minimum Specifications-C/ AIO Computers (non-touch)/ Clause No. 5/ Memory	8GB DDR-5 3200 MHz or higher expandable up to 64GB	8 GB DDR-5 with minimum 4800 MHz or higher expandable up to 64GB, Apart from populated DIMM slots, at least one Physical DIMM Slot should be spared for the future use	Yes accepted to Memory: 8GB DDR5-4400 MHz or higher expandable up to 64GB.
31	Minimum Specifications-C/ AIO Computers (non-touch)/ Clause No.7/ Storage	512 GB SSD or Higher	Minimum 512 GB PCIe M.2 NVMe SSD Drive or more, support up to 2 TB PCIe M.2 NVMe SSD or more	Minimum 512 GB PCIe M.2 NVMe SSD Drive or more, support up to 2 TB PCIe M.2 NVMe SSD or more.
32	Minimum Specifications-C/AIO Computers (non-touch)/ Clause No. 9/ External Ports	2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 HDMI port, 1 DP port	Minimum 06 USB ports (Minimum 1 x USB 3.2 Gen 2 or higher and Minimum 1 x USB 3.2 Gen 2 USB Type C ports, 1 x HDMI out port / 1 DP port.	Already clarified (Type C port included)
33	Minimum Specifications	Latest version of Windows, Linux and	Latest version of Windows, Linux (Ubuntu Linux) OS. Supplier to	Yes accepted.

	ns-C/ AIO Computers (non-touch)/ Clause No. 17/ OS Support	Any other Compatible OS. Supplier to provide latest drivers for Windows, Linux (Ubuntu) and Any other compatible OS	provide latest drivers for Windows, Linux (Ubuntu), Windows and Ubuntu certifications must be available in the public domain against the quoted AIO model name not for the quoted model series (certifications must be submitted along with the tender technical proposal).	
34	Minimum Specifications -C/AIO Computers (non-touch)/ Clause No. 21/ Warranty	Complete systems with minimum Five Years OEM onsite comprehensive warranty support. MAF from OEM is a must.	5 years onsite OEM warranty. OEM Warranty must be available in the OEM website against each serial number (including external power adaptor if any)This Bid specific OEM MAF and compliance issued in the name of Bidder must be submitted in technical bid	Yes accepted
35	Minimum Specification -K/ High End Servers / Memory min.) (GB)	1.0 TB, DDR4-2666 or better	1TB, DDR5-5600MT/s Latest Generation of Memory works on 5600MT/s	Yes accepted.
36	Minimum Specification -L/ Low End Server / Processor base frequency	3.0 GHz or higher	Minimum 2.6GHz or higher This is contradictory to the ask specification of server. Intel Xeon Silver 4509Y CPU is 2.6Ghz Base frequency and 4.1Ghz turbo frequency	Yes accepted
37	Minimum Specification -L/ Low End Server / Memory (DDR4 RAM min.) (GB)	256 GB, DDR4-3600 or better	256GB DDR5 5600MT/s or better Latest Generation of Memory works on 5600MT/s	Yes accepted
38	Minimum Specification -N/	SAS	Please change is to SAS 7.2K 7.2K SAS - They are NL-SAS	Yes accepted to 50% NVME SSD

	Storage NAS 500 TB / Clause No. 4 /Disk Type		drives with Higher Capacity and Suitable for Data Archiving / Secondary Storage/NAS kind of Environment.	and 50% SAS 7.2K. (500TB Usable capacity after RAID-6).
39	Minimum Specification -N/ Storage NAS 500 TB /Clause No.18 /Type of Front-End Ports	FC, Ethernet, Channel over Internet, iSCSI, Fiber	Please remove iSCSI and Fiber Channel over Internet. As Specifications are mentioned against type of front end ports; iSCSI and Fiber Channel over Internet are Protocols types	Yes changed to FC and iSCSI.
40	Minimum Specification -N/ Storage NAS 500 TB / Clause No. 30 / Total Configurable Cache (GB)	768	Please change is to 768 GB DRAM Controller cache. This Change is requested to guarantee that every OEM should position same technology and SSD drives must not be configured to use as cache.	Yes changed to 1TB DRAM Controller cache across 2 controllers.
41	Minimum Specification -N/ Storage NAS 500 TB / Clause No. 50 / Protocols Supported by the storage system from day one	FC, iSCSI, CIFS, NFS, Fiber Channel over Internet	Please remove Fiber Channel over Internet from the Supported Protocols by the storage system Fiber Channel over Internet is not required; As part of Unified Storage Platform already FC, iSCSI, CIFS and NFS Protocols are available. Also Separately 2 remote replication ports (FC/Ethernet) has been asked in storage. Fiber Channel over Internet is OEM specific and not available with all leading Storage OEM therefore Please removes this for broader participation FCIP allows FC SANs to be	Yes changed to FC and iSCSI.

			connected over IP networks, enabling data transfer across geographically dispersed locations by FCIP Gateway only.	
42	Minimum Specification- A, B and C	Compliance Regarding Order no. F.NO. 6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance Department of Expenditure public Procurement Division regarding the restriction under rule 144(xi) of GFR 2017.	Bidder/OEM shall require submitting the compliance as their letter head regarding compliance of Order no. F.NO. 6/18/2019-PPD dated 23.07.2020 (Any Govt. amendment/Guidelines/instruction issued from time to time shall also be applicable).	Quote as per tender document
43	For Overall Tender		All the documents including MAF, compliance submitted by OEM should be ink-signed by the Authorized Signatory of the OEM. Proof regarding authorized signatory to be attached	Already mentioned
44	Minimum Specification -M / TABLET / Clause No.2/ Processor Speed	1.8 GHz or Higher	Up to 4.4 GHz. Please change it to up to 4.4 GHz, Intel Ultra processors don't have base frequency	Already clarified.
45	Minimum Specification -M / TABLET / Clause No.7/ Screen Size	14" or Higher Capacitive Multi touch screen	13" 3:2 3k (2880 x 1920) Touch, IPS, Anti-reflective and Anti-Smudge, Corning® Gorilla Glass® Victus, 500 nits, sRGB 100%, Comfort View Plus Low Blue Light, Intelligent Privacy, Active Pen Support	No change. The vendor can quote higher side.
46	Minimum Specification -M / TABLET / Clause No.8/ Resolution	2950 * 1800 or above with Capacitive Multi-touch	2880 x 1920 or above Touch with Active Pen Support	No change. The vendor can quote higher side.

47	Minimum Specification –M / TABLET / Clause No.9/ Brightness (Nits)	400 nits or Higher	500 Nits or higher	No change. The vendor can quote higher side.
48	Minimum Specification –M / TABLET / Clause No.10 / Rear Camera	12 MP or Higher	8 MP or higher with Auto-Focus	No change
49	Minimum Specification –M / TABLET / Clause No.11/ Front Camera	5 MP or Higher	8 MP or higher with Auto-Focus	No change
50	Minimum Specification –M / TABLET / Clause No.12/ Connectivity	Bluetooth 5.2 or above, Mini/type C-USB OTG, G & 5G SIM slot, 3.5mm headphone jack, 'C' Port to support dual (display) if required, WLAN Wi-Fi. 802.11a/b/g/n/ac/6e, Dual-band, Wi-Fi Direct.	2 x Thunderbolt™4 with Power Delivery & Display Port (USB Type-C) 1 x Universal Audio Jack Wi-Fi 7 and e-SIM option.	Already clarified above.
51	Minimum Specification –M / TABLET / Clause No. 13/ Battery	10000 mAh or Higher	46.5 Whr	No change
52	Minimum Specification –M / TABLET /	Three (3) Years	Three (3) Years with Accidental Damage Included	No, only comprehensive warranty.

	Clause No.15/ Comprehensive On Site Warranty			
53	Minimum Specification –M / TABLET / Clause No.16/ Audio	Built-in stereo speaker with Audio and stereo head phone jack.	Built-in stereo speaker with Universal Audio Jack	Yes changed to Built-in stereo speaker with one C port and headphone jack is optional.
14. MicroWorld				
1	Specification-G, (MFD) Machine, Page No. 43,	Speed (min.) 35PPM or higher (A4)	40ppm or higher with Duplex speed of 34ipm	No change. The vendor can quote higher side.
2	Specifications – H, Heavy Duty (MFD) Machine, Page No-44,	<ul style="list-style-type: none"> • Copying Speed Minimum 30 CPM • Std Memory of machine Minimum 1 GB or above • Std Printer (GDI Printing) 	<ul style="list-style-type: none"> • 40ppm • 512MB • PCL6 or higher 	Already clarified.
3	Specifications – I, High Speed Network Laser Jet Printers, Page-No-45,	<ul style="list-style-type: none"> • Print Speed- 35 ppm or above (Black) (A4 size) • Network Interface - 10/100/1000 Mbps Ethernet interface 	<ul style="list-style-type: none"> • 40ppm or above • Include Wi-Fi 	No change. The vendor can quote higher side.
4	Specifications – J, Duplex Network Laser printer with Wi-Fi, Page-No-	<ul style="list-style-type: none"> • Memory - 128 MB RAM • Duty cycle - Minimum 8000 pages per month 	<ul style="list-style-type: none"> • 64MB • 20000 pages or more 	No change. The vendor can quote higher side.

	45,			
5	Online EMD	01 Crore valid for 6 month	Vendor assessment to be allowed	Already clarified.
6		Time for Completion of the work / project - 60 days	At least 75 days	No change.
7	Page No-20 clause 4.2.1	Performance Guarantee:- 3% of the Contract Value valid for a period of 60 months	2% of the Contract Value valid for a period of 60 months	No change.
8	Page No-24 clause 4.9	(LD):- Liquidated damages, a sum equivalent to the 01% of the contract price for every week (seven days) or part thereof of delay, up to maximum deduction of 10% of the contract price.	0.5% per week upto maximum of 5% location wise	Already clarified in this clarification.
9	Page No-34 clause 6.7.4	The various Service Level Requirements and related penalties:- (i) For High Severity events, Rs. 1000/ . (ii) For Low Severity events, Rs. 500/- Delay will be counted in steps of one hour.	(i) For High Severity events, Rs. 50/-. (ii) For Low Severity events, Rs. 25/- Delay will be counted in steps of one hour.	(i) For High Severity events, Rs. 500/- per event. (ii) For Low Severity events, Rs. 200/- per event.
10	Technical specification page no 50 serial no 47	Critical (production down) resolution within 6 hours and after that penalty Rs 400/hour. Non-critical (Redundancy lost/Partial failure) - resolution within 24 hours and after that penalty Rs 400/day. Maximum Penalty upto 10% of the total PO value.	Critical (production down) resolution within 6 hours and after that penalty Rs 50/hour. Non-critical (Redundancy lost/Partial failure) - resolution within 24 hours and after that penalty Rs 25/day. Maximum Penalty upto 5% location wise	No change.
Minimum Specifications – A” Desktop Computers (Windows Operating System) Brand: Dell / HP / IBM or equivalent brand of repute Page-38				

11	Page No. 38 S. No. 9. System Memory (RAM)	16 GB DDR-IV 2666MhzRAM or better	Kindly change it to DDR5 4800MHz RAM	Already clarified.
12	Page No. 38 S. No. 10. Expandable Memory	Upto 32GB, at least 2 slots	Kindly change it to 64 GB for better performance	Already clarified.
13	Page No. 38 S.No.13. Operating System certificate	Windows 11 Professional version and windows certification.	Latest Windows 11 Professional 64 bit preloaded along with all drivers. Ubuntu certification is required for the computing product like with ubuntu operating system	No change.
14	Add On Point		Land boarder (make in India) to include as per the govt. guidelines of GFR rules.	Already included.
“Minimum Specifications – B” Computer System All-in-One with Touch screen (Windows Operating System) Page No.39				
15	Page No.39 S.No.2. Memory	16 GB DDR4 3200Mhz with 2 DIMM sockets expandable upto 64 GB or higher	Kindly change it to DDR5 4800MHz RAM.	16 GB DDR-5 with minimum 4400 MHz or higher expandable up to 64GB, Apart from populated DIMM slots, at least one Physical DIMM Slot should be spared for the future use.
16	Page No. 39 S. No. 8. Webcam	Integrated FHD Webcam must be available with 2 MP	Kindly change it as: Integrated FHD Webcam must be available with 5MP	No change.
17	Page No. 39 S. No.11. OS	Latest Windows 11 Professional 64 bit preloaded along with all drivers.	Latest Windows 11 Professional 64 bit preloaded along with all drivers. Ubuntu certification is required for the computing product like with	No change.

			Ubuntu operating system.	
18	Add On Point		Land boarder (make in India) to include as per the govt. guidelines of GFR rules.	Already included.
“Minimum Specifications – K” High End Servers of Reputed Make & Brand like HP/Dell or equivalent brand of repute Page No. 48 to 50				
19	PCI Slots (Express Gen 3.0 min.)	One Free	Change Request - PCI Slots (Express Gen 5.0 min.): Three Free. PCI-e Gen5 is the latest generation Technology available with the servers. Request to kindly update the specifications for bidders to quote latest generation Servers.	Yes changed to PCI Slots (Express Gen 5.0 min.): Three Free.
20	Memory (DDR4 RAM min.) (GB)	1.0 TB, DDR4-2666 or better	Change Request - 1.0 TB, DDR5-5600MHz or better. DDR5-5600MHz is the latest generation Memory technology available. Request to kindly update the specifications for bidders to quote latest generation Servers.	Already clarified.
21	Hard disk drive Capacity (GB)	480GB x 3 for OS and 4x1.92 TB SSD-SAS 12Gbps or better	Change Request - 480GB SSD x 3 for OS and 4x1.92 TB SSD-SAS 12Gbps or better. Request to kindly update the drive type hosting Operating System.	Yes changed to minimum 5x1.92 TB Enterprise NVMe SSD 12Gbps or better.
22	FC HBA Dual port card	Single port FC HBA Card 16/32 Gbps or higher (Qty – 2)5M LC-LC cable for each HBA port	Change Request - FC HBA single port card: Single port FC HBA Card 32 Gbps or higher (Qty – 2)5M LC-LC cable for each HBA port. Detailed point asks to provide 2x single port FC adapter but the parameter mentions to provide Dual port HBA card which is contradicting to the actual requirement. Request to kindly confirm the requirement.	Yes changed to dual port FC HBA Card 16/32 Gbps or higher (Qty – 2) 10M LC-LC cable for each HBA port.
23	FC HBA Dual port	32 Gbps or higher (with transceiver)	Change Request - To remove this point.	Yes as above.

	card Speed		This point is taken care in the above requirement. This point also mentions Parameter to offer Dual port FC card while the actual requirement is to offer 2x Single port FC Adapter. Request to kindly remove this point.	
24	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.	Change Request - Management of multiple Servers from single console. Current Management point of managing multiple servers from a single console for multiple sites is not offered by all major Server OEM's. Request to kindly update this point for wider participation.	Yes changed to Management of multiple Servers from single console.
		Simplified management with analytics driven actionable intelligence	Change Request - Should offer Simplified management and help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Request to generalize the existing point for wider participation.	Yes changed to Should offer Simplified management and help provide notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD.
		Intelligence System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user assigned attributes	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
		Policy template for deployment of single policy to multiple	Change Request - To remove this point. This point is OEM specific.	Yes removed.

	Servers simultaneously	Request to remove this point for wider participation.	
	Server utilization statistics collection (including firmware updates and diagnostic tools)	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Should provide an alert in case the system is not part of OEM hardware compatibility test	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Solution should be open and programmable providing Rest API, SDK for programming languages like Python, power shell scripts etc.	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.	Change Request - Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure. This point is OEM specific. Request to generalize this point for wider participation.	Yes changed to should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure.
	The user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc)	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Single pane of glass for auto Provisioning across Multi-vendor& multi hypervisor platform	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Self-service portal for deployment for automated provisioning	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.

		Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach	Change Request - To remove this point. Since application, Hypervisor & Operating System are third party software's; Server Hardware OEM logically cannot help here. It is the responsibility of that ISV to rectify their software and provide resolution to any security breach.	Yes removed.
25	Details of benchmark indices with software & diagnostic software used to test server. Benchmark report (snapshots and full description report) should be submitted (for an exactly same configuration as what is being quoted) along with the bid.	Processor SPEC CPU2017 benchmarked with SPEC rating of at least (350 SPE Crate 2017_int_base score and 325 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding.	Change Request - Processor SPEC CPU2017 benchmarked with SPEC rating of at least (512 SPE Crate 2017_int_base score and 683 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding. Latest generation processor offers high benchmarks. Request to update the Values for bidders to quote latest generation technology.	Yes changed to Processor SPEC CPU2017 benchmarked with SPEC rating of at least (512 SPE Crate 2017_int_base score and 683 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding.
“Minimum Specifications – L” Low End Servers of Reputed Make & Brand like HP/Dell or equivalent brand of reputed Page No 50 to 53				
26	Form Factor	Tower/ Pedestal Server	Change Request - 1U Rack / Tower/ Pedestal Server. Request to kindly allow bidders to quote Rack Server.	Yes changed to 1U /2U Rack or Tower/ Pedestal Server.
27	Processor	x86 Architecture Intel	Change Request - x86	Yes changed

	Make	Xeon Silver 4300 series processor or equivalent AMD Processor- AMD EPYC 7200 Series Processor with Min 3.1 Ghz Turbo or Higher	Architecture Intel 5th Gen Xeon processor or equivalent AMD Processor with Min 4.1 Ghz Turbo or Higher. Request to update the processor to latest generation for bidders to quote latest generation Servers.	to x86 Architecture Intel 5th Gen Xeon processor or equivalent AMD Processor with Min 3.7 Ghz Turbo or Higher.
28	PCI Slots (Express Gen 3.0 min.)	One Free	Change Request - PCI Slots (Express Gen 5.0 min.): Three Free. PCI-e Gen5 is the latest generation Technology available with the servers. Request to kindly update the specifications for bidders to quote latest generation Servers.	Yes changed to PCI Slots (Express Gen 5.0 min.): Three Free.
29	Memory (DDR4 RAM min.) (GB)	256 GB, DDR4-3600 or better	Change Request - 256GB, DDR5-5600MHz or better. DDR5-5600MHz is the latest generation Memory technology available. Request to kindly update the specifications for bidders to quote latest generation Servers.	Yes changed to 256GB, DDR5-5600MHz or better.
30	Hard disk drive Capacity (GB)	2 x 960 GB SSD – SAS 12 Gbps or better (can NVME SSD be considered)	Change Request - Clarification Requested. We understand NVME offering better performance can be considered. Request to kindly confirm on our understanding.	Yes changed to 3x1.9TB NVMe SSD or higher.
31	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.	Change Request - Management of multiple Servers from single console. Current Management point of managing multiple servers from a single console for multiple sites is not offered by all major Server OEM's. Request to kindly update this point for wider participation.	Yes changed to Management of multiple Servers from single console.
		Simplified management	Change Request - Should offer	Yes changed

	with analytics driven actionable intelligence	Simplified management and help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Request to generalize the existing point for wider participation.	to should offer Simplified management and help provide notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD.
	Intelligence System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user assigned attributes	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Policy template for deployment of single policy to multiple Servers simultaneously	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Server utilization statistics collection (including firmware updates and diagnostic tools	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Should provide an alert in case the system is not part of OEM hardware compatibility test	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
	Solution should be open and programmable providing Rest API, SDK for programming languages like Python,	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.

		power shell scripts etc.		
		Should have customizable dashboard to show overall faults /health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.	Change Request - Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure. This point is OEM specific. Request to remove this point for wider participation.	Yes changed to Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure.
		The user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc.)	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
		Single pane of glass for auto Provisioning across Multi-vendor & multi hypervisor platform	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
		Self-service portal deployment for automated provisioning	Change Request - To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Yes removed.
		Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach	Change Request - To remove this point. Since application, Hypervisor & Operating System are third party software's; Server Hardware OEM logically cannot help here. It is the responsibility of that ISV to rectify their software and provide resolution to any security breach.	Yes removed.
32	Service Level Agreement (SLA)	May be defined by High Court	24x7x 4 Supports. Request to mention the required SLA for Low end Server category.	Yes changed to Critical (production down) resolution within 24 hours and after that penalty @

				Rs 400/hour. Non-critical (Redundancy lost/Partial failure) - resolution within 48 hours and after that penalty Rs 400/day. Maximum Penalty upto 10% of the total PO value.
“Minimum Specifications – N” STORAGE NAS 500TB Page No. 54 to 57				
33	Storage System Type	Unified Storage	Request you to kindly change this to SAN Storage. Justification: typical use case from the RFP suggests a more robust storage needed for 500TB Usable capacity, which can be expanded further Hence SAN Storage will fit in best here.	Yes changed to SAN Storage.
34	Type of Front-end Ports	FC, iSCSI, Ethernet, Fiber Channel over Internet	Request you to kindly amend this clause as " FC/ iSCSI/Ethernet/ Fiber Channel over Internet" for wider participation	Already clarified.
35	No. & Speed of front end Ports in Gbps	8X32GbFC or higher, 8 x10 GbE or higher	Request you to kindly amend this clause as " 8X32GbFC or higher/8 x10 GbE or higher" for wider participation	Yes changed to 8X32GbFC or higher, 4x10 GbE or higher.
36	Total Configurable Cache (GB)	768	Request you to kindly amend this clause as " 768 GB DRAM/Flash Cache" for wider participation	Already clarified.
37	Protocols Supported by the storage	FC, iSCSI, CIFS, NFS, Fiber Channel over Internet	Request you to kindly amend this clause as " FC/ iSCSI/Ethernet/ Fiber Channel over Internet" for wider participation	Already clarified.

	system from day one			
15. GaltechInfosolutions Pvt. Ltd.				
1		The Hon'able Court has asked for Multiple Computer & Peripherals items in this tender with consolidated pricing, with respect to this we would like put forward that most of OEM's in A3 Multifunctional Machines does not deal with	We request the Honorable Court to please allow schedule wise bidding and also amend the terms of EMD and other prequalification criteria w.r.t to experience and turnover.	Already clarified in this document.
2	Page No. 45, Specification No. 8	Copying Speed : Minimum 30 PPM	The Honorable Court has asked for Copying speed of 30 PPM, we would like draw your kind attention that Heavy Duty/High Speed MFD/Printer category, the Honorable court has asked for a specifications of 35 PPM in A4 category "G" and "I", Since Honorable Court is very clear on Heavy Duty specifications, we request to amend the speed of the Heavy Duty to 35 PPM in A4 and above. We also would like to inform that the previous rate contract of last year had same specifications of 35 PPM and above.	Yes changed to 40 PPM /CPM.
3	Page No. 45, Specification No. 9	Standard Memory: Minimum 1 GB	The Honorable Court has asked for Minimum RAM of 1GB, with respect to this we would like put forward that most of the Heavy Duty MFD comes with Standard 4GBRAM. We also would like to inform you that previous rate contract of last year had 2GB or above in specifications. Moreover the technology is advancing day by day and most of the OEM's are offering 4GB RAM as	Yes changed to 2GB RAM.

			Standard, we request the Honorable Court to please amend the minimum RAM as 4GB.	
4	Page No. 45, Specification No. 26	Output Format : TIFF, PDF	The Honorable Court has asked for the output format in TIFF and PDF with Advance scanning option, in this regard we would like put forward that latest machines are Coming with features like Scan to searchable PDF, Scan to Docx, Scan to XLSX. Since these Machines will be used for the next 5 years these features will be very useful for the user. We Request the Honorable Court to incorporate the mentioned scan features as standard in the tender.	Yes changed to advance scanning option is PDF/A. Scan to PDF/A etc.
5	Page No. 45, Specification No. 31	Minimum 2 Trays with Machine	The Honorable Court has asked for minimum two trays with the machine, We would like to draw your kind attention that most of the Heavy Duty MFD comes with 2 trays of Minimum 500 Sheets each or above. So we request the Honorable Court to please incorporate the minimum 2 trays with 500 sheets each.	Yes accepted with 500 sheets in each tray.
6	Page No. 45	Addition of Specification : Hard Disk	The Honorable Court has not asked for a Hard Disk. Hard Disk is the key parameter for deciding the category of the product, whether it is a heavy or mid duty category product, since the Honorable Court is buying Heavy Duty category product, we request to kindly incorporate Hard Disk functionality in the specifications.	No change.
16. Business Automation (I) Private Limited / M/s HP India Sales Pvt. Ltd.				
“Minimum Specifications – E”UPS 1KVA (ONLINE) with minimum one hour power backup in standard conditions /full load Brand: Numeric / APC /				

Emerson or equivalent brand				
1	Capacity	1000VA, 800W	Please specify the VAh rating for the 1KVA Online UPS.	Minimum 432vah
2	Battery (SMF)	4 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt.	3 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt. Since 1KVA Online UPS operates with 36-volt DC system, which requires 3 batteries. It does not require 4 batteries	Already clarified.
“Minimum Specifications – K”High End Servers of Reputed Make & Brand like HP/Dell or equivalent brand of repute				
3	PCI Slots (Express Gen 3.0 min.)	One Free	PCI Slots (Express Gen 5.0 min.): Three Free. PCI-e Gen5 is the latest generation Technology available with the servers. Request to kindly update the specifications for bidders to quote latest generation Servers.	Already clarified.
4	Memory (DDR4 RAM min.) (GB)	1.0 TB, DDR4-2666 or better	1.0 TB, DDR5-5600MHz or better. DDR5-5600MHz is the latest generation Memory technology available. Request to kindly update the specifications for bidders to quote latest generation Servers.	Already clarified.
5	Hard disk drive Capacity (GB)	480GB x 3 for OS and 4x1.92 TB SSD-SAS 12Gbps or better	480GB SSD x3 for OS and 4x1.92TB SSD-SAS 12Gbps or better. Request to kindly update the drive type hosting Operating System.	Already clarified.
6	FC HBA Dual port card	Single port FC HBA Card 16/32 Gbps or higher (Qty – 2) 5M LC-LC cable for each HBA port	FC HBA single port card: Single port FC HBA Card 32 Gbps or higher (Qty – 2)5M LC-LC cable for each HBA port. Detailed point asks to provide 2x single port FC adapter but the parameter mentions to provide Dual port HBA card which is	Already clarified.

			contradicting to the actual requirement. Request to kindly confirm the requirement.	
7	FC HBA Dual port card Speed	32 Gbps or higher (with transceiver)	To remove this point. This point is taken care in the above requirement. This point also mentions Parameter to offer Dual port FC card while the actual requirement is to offer 2x Single port FC Adapter. Request to kindly remove this point.	Already clarified.
8	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.	Management of multiple Servers from single console. Current Management point of managing multiple servers from a single console for multiple sites is not offered by all major Server OEM's. Request to kindly update this point for wider participation.	Already clarified.
		Simplified management with analytics driven actionable intelligence	Should offer Simplified management and help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Request to generalize the existing point for wider participation.	Already clarified.
		Intelligence System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
		Policy template for deployment of single policy to multiple Servers simultaneously	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
		Server utilization statistics collection (including firmware	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.

	updates and diagnostic tools		
	Should provide an alert in case the system is not part of OEM hardware compatibility test	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Solution should be open and programmable providing Rest API, SDK for programming languages like Python, power shell scripts etc.	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.	Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure. This point is OEM specific. Request to generalize this point for wider participation.	Already clarified.
	The user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc)	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Single pane of glass for auto Provisioning across Multi-vendor & multi hypervisor platform	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Self-service portal for automated provisioning	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Capability to stop execution of Application/Hypervisor/ Operating System on predefined security	To remove this point. Since application, Hypervisor & Operating System are third party software's; Server Hardware OEM logically cannot help here. It	Already clarified.

		breach	is the responsibility of that ISV to rectify their software and provide resolution to any security breach.	
9	Details of benchmark indices with software & diagnostic software used to test server. Benchmark report (snapshots and full description report) should be submitted (for an exactly same configuration as what is being quoted) along with the bid.	Processor SPEC CPU2017 benchmarked with SPEC rating of at least (350 SPE Crate 2017_int_base score and 325 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding.	Processor SPEC CPU2017 benchmarked with SPEC rating of at least (512 SPE Crate 2017_int_base score and 683 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding. Latest generation processor offers high benchmarks. Request to update the Values for bidders to quote latest generation technology.	Already clarified.
“Minimum Specifications – L” - Low End Servers of Reputed Make & Brand like HP/Dell or equivalent brand of repute				
10	Form Factor	Tower/ Pedestal Server	1U Rack / Tower/ Pedestal Server. Request to kindly allow bidders to quote Rack Server.	Already clarified.
11	Processor Make	x86 Architecture Intel Xeon Silver 4300 series processor or equivalent AMD Processor- AMD EPYC 7200 Series Processor with Min 3.1 Ghz Turbo or Higher	X86 Architecture Intel 5th Gen Xeon processor or equivalent AMD Processor with Min 4.1 Ghz Turbo or Higher. Request to update the processor to latest generation for bidders to quote latest generation Servers.	Already clarified.
12	PCI Slots (Express Gen 3.0	One Free	PCI Slots (Express Gen 5.0 min.): Three Free. PCI-e Gen5 is the latest	Already clarified.

	min.)		generation Technology available with the servers. Request to kindly update the specifications for bidders to quote latest generation Servers.	
13	Memory (DDR4 RAM min.) (GB)	256 GB, DDR4-3600 or better	256GB, DDR5-5600MHz or better. DDR5-5600MHz is the latest generation Memory technology available. Request to kindly update the specifications for bidders to quote latest generation Servers.	Already clarified.
14	Hard disk drive Capacity (GB)	2 x 960 GB SSD – SAS 12 Gbps or better (can NVME SSD be considered)	Clarification Requested. We understand NVME offering better performance can be considered. Request to kindly confirm on our understanding.	Already clarified.
15	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.	Management of multiple Servers from single console. Current Management point of managing multiple servers from a single console for multiple sites is not offered by all major Server OEM's. Request to kindly update this point for wider participation.	Already clarified.
		Simplified management with analytics driven actionable intelligence	Should offer Simplified management and help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Request to generalize the existing point for wider participation.	Already clarified.
		Intelligence System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.

	Policy template for deployment of single policy to multiple Servers simultaneously	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Server utilization statistics collection (including firmware updates and diagnostic tools)	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Should provide an alert in case the system is not part of OEM hardware compatibility test	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Solution should be open and programmable providing Rest API, SDK for programming languages like Python, power shell scripts etc.	To remove this point. This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Should have customizable dashboard to show overall faults /health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.	Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure. This point is OEM specific. Request to generalize this point for wider participation.	Already clarified.
	The user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc.)	To remove this point.	Already clarified.
	Single pane of glass for auto Provisioning across Multi-vendor& multi hypervisor platform	This point is OEM specific. Request to remove this point for wider participation.	Already clarified.
	Self-service portal deployment for automated provisioning	This point is OEM specific. Request to remove this point for wider participation.	Already clarified.

		Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach	To remove this point. Since application, Hypervisor & Operating System are third party software's; Server Hardware OEM logically cannot help here. It is the responsibility of that ISV to rectify their software and provide resolution to any security breach.	Already clarified.
16	Service Level Agreement (SLA)	May be defined by High Court	24x7x 4 Supports. Request to mention the required SLA for Low end Server category.	Already clarified.
"Minimum Specifications – N" - STORAGE NAS 500TB				
17	Storage System Type	Unified Storage	Request you to kindly change this to SAN Storage. Justification: typical use case from the RFP suggests a more robust storage needed for 500TB Usable capacity, which can be expanded further Hence SAN Storage will fit in best here.	Already clarified.
18	Type of Front-end Ports	FC, iSCSI, Ethernet, Fiber Channel over Internet	Request you to kindly amend this clause as " FC/ iSCSI/Ethernet/ Fiber Channel over Internet" for wider participation	Already clarified.
19	No. & Speed of front-end Ports in Gbps	8X32GbFC or higher, 8 x10 GbE or higher	Request you to kindly amend this clause as " 8X32GbFC or higher/8 x10 GbE or higher" for wider participation	Already clarified.
20	Total Configurable Cache (GB)	768	Request you to kindly amend this clause as " 768 GB DRAM/Flash Cache" for wider participation	Already clarified.
21	Protocols Supported by the storage system from day one	FC, iSCSI, CIFS, NFS, Fiber Channel over Internet	Request you to kindly amend this clause as " FC/ iSCSI /Ethernet/ Fiber Channel over Internet" for wider participation	Already clarified.
"Item No. 16, Item No. 17, Item No. 18, Item No. 19, Item No. 20, Item No. 21"				
22	16GB Pen Drive	Enclose all product catalogues and	Please remove MAF requirement for these Products.	Yes changed.

	32GB Pen Drive Hard disk 2TB Random Access Memory (RAM) Mouse Mechanical Keyboard	technical brochures of the products / items along with Manufacturer Authorization Form (MAF) addressed to the "Registrar General, High Court of Madhya Pradesh", Jabalpur (M.P.)	Since these items are standard retail products, widely available from numerous vendors, and are not specialized or high-value items, they typically do not require formal management approvals. Therefore, we kindly request that the MAF requirement for these products be removed.	
17. EPSON India Pvt. Ltd.				
"SPECIFICATIONS – G" Multifunctional Device (MFD) Machine				
1	Speed (min.)	35 PPM or higher (A4)	Specification change request: Include Draft text speed 34 ppm or more.	No change.
2	Monthly Duty Cycle	80000 pages	Request to include duty cycle 70,000 pages or higher.	No change.
3	Technology	Laser & Automatic Duplex Printing	<p>Include Heat free technology (Precision Core Printing technology)</p> <p>Benefits:</p> <p>1. Energy Efficiency: Precision Core is a heat-free technology, which means it does not require heat to eject ink onto the paper. These results in significantly lower energy consumption compared to laser printers, laser technology use heat in their fusing process and power consumption goes up to 1000W during printing even on entry level printers.</p> <p>2. Sustainability: With a focus on environmental impact, Epson's Heat free technology uses less power (Power consumption as low as 30 W during printing) and produces less waste, offering significant sustainability advantages over laser models.</p> <p>3. Speed and Quality: The Precision Core chips can fire up</p>	No change.

			<p>to 40 million precise drops per second, ensuring high-speed performance without compromising on image quality.</p> <p>4. Maintenance: The Epson Work Force models are low maintenance devices that can print a high volume of pages before needing to change supplies, which is beneficial for businesses looking to reduce operational interruptions.</p> <p>5. Reduced Waste: Epson’s Work Force printers are designed to reduce waste by using fewer maintenance parts and high-yield consumables (high-capacity replaceable ink pack yield up to 40,000 pages Black). This contrasts with laser printers, which often use toner cartridges that contribute to material waste.</p> <p>6. Epson uses high quality water resistant pigment ink. Such inks not only produce excellent print quality on the papers, printouts taken using pigment ink are water proof and long lasting. Such print outs lasts for greater than 50 years even we expose to sun lights.</p>	
“Minimum Specifications – H” Heavy Duty Digital Multifunctional Device (MFD) Machine				
4	Copy/Print Process	Indirect Electrostatic Photographic Method (Dry Process) / laser technology or equivalent	Include Heat free Precision Core Printing technology.	No change.
“Minimum Specifications – I” High Speed Network Laser Jet Printers				
5	Print Speed	35 ppm or above (Black) (A4 size)	Specification change request: Include Draft text speed 34 ppm or more.	No change.
6	Paper Capacity	250 sheets on standard input tray,	Include bypass tray capacity: 50 sheets or more.	No change.

		100 sheets on multipurpose tray		
7	Monthly Duty Cycle	80,000 copies	Include monthly duty cycle 70,000 pages or more.	No change.
“Minimum Specifications – J” Duplex Network Laser printer with Wi-Fi				
8	Printing Technology		Include Heat free Precision Core Printing technology.	No change.
18. HBH Technologies LLP				
1	Turnover	Average Annual financial turnover of the Bidder during Last 3 financial years, ending 31st march of financial year 2023-24 should be at least Rs.20 Cr.	Turnover demanding in Tender very high, kindly reduce this under 10 cr.	Already clarified in this document.
2	Experience	According Three similar completed works costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Similar works means: Supply, installation and System Integration of Servers, Computers, printers and UPS system& other related IT equipments. MSME, the experience is very high.	Kindly Allow OEM experience also so that MSME and startup can take part in this.	Already clarified in this document.
3	Backup time not mentioned		1 kva online ups-Backup time not mentioned.	As mentioned under Minimum Specifications – E i.e.

				minimum one hour power backup in standard conditions /full load.
4	Experience		Please allow other product experience in this exp. criteria	Quote as per tender.
5	EMD		EMD is very higher side kindly divide item value wise	Already clarified.
6	1 KVA LINE INTERACTIVE UPS	600 VA :≥300 VAH (15 Minutes);≥1200 VAH (60 Minutes);≥2300 VAH (120 Minutes) 1000 VA :≥1923 VAH (60 Minutes)	For 2 Hr backup , VAH >= 3200	Already clarified.
7	Item wise bidding		Kindly allow item wise bidding	Yes changed.
8	Battery (SMF)	4 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt.	3 number of 12V, 9ah battery	Already clarified.
9	Monitoring and Alarm	On battery, replace battery, overload and approximate load indications, Alarm on battery, distinctive low battery alarm, and overload continuous tone alarm.	Except replace battery	Yes changed.
19. M/s Fujifilm India Pvt. Ltd.				
1	Copying Type	Automatic Document Feeder (ADF)	Single Pass Dual Scanner (SPDF) on better side. ARDF/DADF/RADF shall be replaced with SPDF	Yes changed to DADF
2	Std Memory of machine	Minimum 1 GB or above	4GB Actual. RAM of machine shall be upgraded to 2GB minimum	Yes changed to 2GB RAM.
3	Std Printer	GDI Printing	PCL5/PCL6 Included on better side. GDI Software shall be upgraded to PCL5 and PCL6	Yes changed to PCL6 & PS or higher.
4	Minimum two cassettes/	Yes Required	520X2. Tray Capacity not defined shall be 500+ sheets.	Already clarified.

	Machine must have two cassettes			
20. M/s KYOCERA Document Solutions India Private Limited				
1	Specifications-G (Multifunction Device MFD), Sr.No.13, Page No. 43	Scanner:-Flat bed and Duplex ADF scanning(DADF),	Since old documents may be in legal and cannot be processed safely through DADF and may be torned, Suggest to have legal Flatbed size for Scanning such documents	Yes included DADF.
2	Specifications—H (Heavy Duty Multifunctional device MFD),Page No 44	Paper tray capacity to be specified	Suggest to Have Minimum 500 Sheets per tray as per standard RIM size of paper and to avoid loose paper up keeping thus reducing wastages Suggest (2X 500 Sheets Tray Capacity).	Already clarified.
3	Specifications—I (High Speed Network Laser Printer), Sr. N: 2, Page No. 45	Memory:512MB	Suggest to have Minimum Memory:256 MB, Since it's a single function printer and standard Memory with all major brands starts with 256MBand is sufficient for such category of product	No change.
4	Sr. NO.1, Page No. 3	EMD:1crore	Suggest to have category wise EMD for IT, Printing and UPS	Already clarified.
21. M/s Sharp Business Systems (India) Private Limited & Modern Computers				
1	Printing Solution Bid must be allowed to quote separately.	All four segments' products are together (IT, Server, UPS & Printer) in BID which is requested to separate MFDs from other products	These four segments are totally different from one another and their OEM/Dealers/Vendors are also different, therefore, we request that printing solutions must be a separate category and participation of Printers (MFPs) must allow to be separate.	Already clarified.
2	Clause 2.5.1/ pg-7	EMD of the Printing Solution must be	We request that EMD for those vendors who only participate in	Already clarified.

		considered separately.	A4 Printers & Heavy Duty Printers (A3) must be according to the value of products. In current BID EMD of this project is quite high that is 1 CR. It is very difficult to participate for printers vendors.	
3	Clause 2.15.1, Pg-11	Bidders Turnover	In printing solutions, bidder's average turnover must be Maximum 5 CR or below	Already clarified.
4	Clause 2.15.2, Pg-11	Experience Criteria (last 3 years)	We request that experience criteria should also be as per the product category; in current tender it is quite high considering Printing Segments.	Already clarified.
5	"Specification-H" (Heavy Duty Multifunctional Device) Pg no: 44	Specification SI No:16 Std Printer: GDI	It is mentioned that all MFDs must work in Linux & SUSE which need up gradation on time to time that is why PCL and Postscript must be a mandate for every MFDs for smooth operation in every respected district courts.	Already clarified.
6	"Specification-H" (Heavy Duty Multifunctional Device) Pg no: 44	Specification SI No:19 Network Interface & Protocol	It must be 10-Base-T/100-Base-TX/1000-Base-TX, TCP/IP Protocol for better networking features	The vendor can quote higher side.
M/s Team UVT				
1	Desktop Computers/ Desktop/Screen Size & Resolution	23" TFT LED, HD or higher, TCO6 certified	TCO6/ BIS	Already clarified.
2	Desktop Computers/ Desktop/EPEAT Certified	Yes	EPEAT / EPR Certified	No change.
3	B: All-in-One with Touch Screen/AIO/ Power	Energy Star 5.2, EPEAT compliant	Energy Star 5.2/ BEE, EPEAT/EPR compliant	No change.

23. M/s Canon India Pvt. Limited				
1	Section 7/page 43/ Point 16	“SPECIFICATIONS – G” Multifunctional Device (MFD) Machine: BEE/Energy star, RoHS and EPR Compliance	Requesting you to please change to BEE /Energy star /RoHS /EPR compliance, as asked in other specification category in this same tender	Yes changed.
2	Section 7/page 45/ Point 6	“Minimum Specifications – J” Duplex Network Laser printer with Wi-Fi: 10 Base T/100 Base Tx networking ETHERNET Connectivity ,built-in Ethernet, WiFi 802.11ac	Requested to please add the WIFI WiFi 802.11 b/g/n Generally 802.11 AC is used in laptop and server, requesting to you change the Wifi802.11ac/Wifi802.11b/g/n	Yes changed to 10 Base T/100 Base Tx networking ETHERNET Connectivity ,built-in Ethernet, WiFi 802.11ac /802.11 b/g/n.
24. M/s Lenovo India Pvt.Ltd.				
1	A – Desktop Computer.	Small Form Factor with Volume less than 8 Liters	Lenovo has 7.4 Lt volume matrixes which are better as it will cover less space.	Quote as per tender.
2		TDP Thermal Design – 65 W	Lenovo will offer 180W as this is desktop category and SMPS base machine, 65 W power adaptors is for All In One base form factor.	Already clarified.
3		16 GB RAM DDR4 – 2666 MHz	We recommend 3200 MHz as this is latest	Already clarified.
4		We recommend 3200 MHz as this is latest	We recommend RAM upgradability as 64 GB with 2 DIMM slot, as normal desktops has these capabilities considering any future upgrade to comply with applications.	Already clarified.
5	B Computer system AIO with Touch Screen	16 GB DDR4 3200Mhz with 2 DIMM sockets expandable upto64 GB or higher	16 GB DDR5 5200 with 32 GB expandability with 2 DIMM Slot.	Already clarified.
6		Optical Drive	Optical drive is end of life.	Yes accepted.
7	C – All In One Computers	Suitable chipset for quoted processor with upgradable support	We recommend Intel Q series chipset 670 for AIO, as this is enterprise base chipset.	Already clarified.

	– non Touch			
8	Security Features		BIOS Security Administrator password Power-on password Hard disk password Boot sequence control Boot without keyboard and mouse Individual USB port disablement Self-healing BIOS Smart USB protection (allows keyboard / mouse only, blocks all storage devices)	Quote as per tender document.
9	Certifications		Mil-Spec Test MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation, Contamination by Fluids, Salt Fog)	Quote as per tender document.
25. M/s Elnova Private Limited				
01	Clause No. 2.15.2 Page No.- 11	According Three similar completed works costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Similar works means: Supply, installation and System Integration of Servers, Computers, printers and UPS system & other related IT	Kindly Allow OEM experience also so that MSME and startup can take part in this.	No change.

		equipments. MSME, the experience is very high.		
2	Clause No. 2.5.1Page No.- 7	EMD is very higher side kindly divide item value wise	EMD is very higher side kindly divide item value wise	Already clarified.
3		Kindly allow item wise bidding	Kindly allow item wise bidding	Already clarified.
4	Clause No. 2.15.2Page No.- 11	Please allow other product experience in this exp. criteria	Please allow other product experience in this exp. criteria	Quote as per tender document.
5	Page No. - 41	1 kva online ups-Backup time not mentioned	1 kva online ups-Backup time not mentioned	Already clarified above.
6	Page No. - 40 Point No.5, 2.	1 Kva Line Interactive Ups 600 Va :≥300 Vah (15 Minutes);≥1200 Vah (60 Minutes);≥2300 Vah (120 Minutes) 1000 Va :≥1923 Vah (60 Minutes)	For 2 Hr backup , VAH >/= 3200	Already clarified.
7	Page No. - 11Clause No. 2.15.1	Average Annual financial turnover of the Bidder during Last 3 financial years, ending 31st march of financial year 2023-24 should be at least Rs.20 CR	Turnover demanding in Tender very high, kindly reduce this under 10cr.	Already clarified.
8	Page No. 42Point 22	1 Kva Online-On battery, replace battery, overload and approximate load indications, Alarm on battery, distinctive low battery alarm, and overload continuous tone alarm	Except replace battery.	Already clarified.
9	Page No. 42 Point 16	4 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt	3 number of 12V, 9ah Battery.	Already clarified.
26. M/s VSN International Pvt. Ltd.				
1	2.5	2.5.1 The proposal	Request: Please modify the EMD	Yes allowed.

	EARNEST MONEY DEPOSIT (EMD):- Page no.7	should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of online mode through e-procurement tender portal www.mptenders.gov.in in favour of "Registrar General, High Court of Madhya Pradesh, Jabalpur" valid for the period of 6 months. The Bid submitted without EMD and/or the application fee/tender fees shall be summarily rejected.	submission requirement of Rs. 01 Crore to allow for Online submission or Bank Guarantee in favor of the "Registrar General of High Court Madhya Pradesh, Jabalpur." Justification: The bid is structured as a Rate Contract that will be finalized on an item-wise L1 basis. The bid process at the High Court, including final order determination till EMD release, spans nearly 6 months. Requiring EMD in cash (online) for such a substantial amount makes it impractical for MSME bidders to lock funds for such an extended period. Therefore, we request the Hon'ble High Court to permit Bank Guarantee as an alternative mode for EMD submission or to consider reducing the EMD amount to 25 to 30 lakhs. Thus enabling broader bidder participation. Additionally, cash EMD was a requirement during COVID-19 due to document handling restrictions, but these restrictions have now been lifted. As such, allowing Bank Guarantee for EMD would be a more feasible approach and reduces the cost of bidding on all bidders.	Clarified in this document.
2	2.15 ELIGIBILITY/ PRE-QUALIFICATION CRITERIA:- Page no.11	2.15.1 (i) Average Annual Financial turnover of the bidder during last 3 financial years, ending 31st March of financial year i.e. 2023-2024 should be at least Rs. 20 Crore.	As per the clause the Tax audit of FY 2023-24 is in process and the last date for submission of filing of Audited balance sheet is 30th September 2024. We would request to kindly allow the provisional Balance Sheet of FY 2023-2024. Rest of the condition is OK.	Yes included.
3	2.15	2.15.2 (ii) Experience in	Request: Sir, since these are Line	Already

	<p>ELIGIBILITY/ PRE-QUALIFICATION CRITERIA:- Page no.11</p>	<p>Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following:-</p> <p>(a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.</p> <p>Similar works means: Supply, installation and System Integration of Servers/ Computers, printers and UPS system & other related IT equipments.</p>	<p>item wise bidding, request you to please allow the Experience criteria to be allowed. As per following. (a) Three similar completed work costing not less than the amount equal to 20% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 30% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 40% of the estimated cost.</p> <p>Similar works means: Supply, installation and System Integration of Servers/ Computers, printers and UPS system & other related IT equipment's. This will allow wider participation. Justification: The Tender has a maximum of 7189 AIO including (Buy Back AIO). If you look at the value of the AIO it would be 65% of tender value and 35% for rest of the Items. So even if the similar orders are counted as 40% , 30% and 20% of tender value it still complies to the biggest share of the product which is AIO. Also, it will allow broader participation in the bid.</p>	<p>clarified.</p>
4	2.15 ELIGIBILITY/ PRE-QUALIFICATION	<p>2.15.2 (ii) Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop</p>	<p>Query:- In very large bids, Generally customers issue phase wise orders for such a large execution similar to High Court, values of all such orders against</p>	<p>Yes allowed.</p>

	CRITERIA:- Page no.11	Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost. Similar works means: Supply, installation and System Integration of Servers/ Computers, printers and UPS system & other related IT equipments.	the same Tender number should be allowed to meet the value criteria for experience.	
5	4.8 TIME SCHEDULE TO COMPLETE THE CONTRACT:- Page no.22	4.8.2 In case the purchase order is received directly from the District Court then the period of supply and installation will be 30 days.	As the quoted products will be commercial products and will be procured Back to Back from OEM as per Order received, We would suggest keeping the delivery and supplying timeline of 90 days only as per tender delivery conditions.	Already clarified (60 days supply and installation).
6	Additional	GFR Clause for	Request: Please include GFR	Yes included.

	Point	Desktop, AIO non touch	<p>rules as if not included you will tend to get materials / Bidders who are Non compliant to GFR rule which will also be in violation of the Department of Expenditure also the same procurement is happening across India in all the courts and no where there are bidders/ OEM's allowed who are not compliant to GFR rule. Justification: GFR rules Cited 2. GFR Rule No. 6/18/2019-PPD Dated: 23rd July 2020: "As per the Order any bidder from such countries sharing a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority. The Competent Authority for registration will be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT). Political and Security clearance from the Ministries of External and Home Affairs respectively will be mandatory".</p>	
			<p>3. GFR Rule No. 6/18/2019-PPD Dated: 23rd July 2020: "Department of Expenditure may, by order in writing, impose restrictions, including prior registration and/or screening, on procurement from bidders from a country or countries, or a class of countries, on grounds of defense of India, or matter directly or indirectly related thereto including</p>	Yes included.

			national security; no procurement shall be made in violation of such restrictions."	
7	Additional Point	Ink Signed MAF from OEM and Compliance signed by OEM with Bid No.	Authorization letter/MAF from OEMs. Authorization letter/MAF from OEMs must contain the assurance of support as per subject RFP and ink signed with rubber stamp by Authorized signatory of the OEM on letterhead along with compliance to be signed by OEM. Sir this is required since these are very large bids and valid for 5 years OEM's compliance on Letter head binds them to deliver the product and service continuity of the product for 5 years. In the past we have seen OEM's denies on the service on the base of thier interpretation and such MAF's and Compliance on letterhead binds them to deliver the products and services continuity for the 5 years.	Yes added.
8	Additional Point	Ubuntu Certification and Windows Certification.	<p>Request: Please ask the OEM to provide machines that are both Ubuntu Certified and Windows Certified, along with the relevant certification documents.</p> <p>Justification: The machines operate within the High Court environment for approximately 5 to 7 years, and certified machines ensure support throughout their entire lifespan. Certified machines guarantee that no OEM can refuse support for the operating system. In contrast, if the machines are not certified, OEMs may decline to provide support, especially during critical OS upgrades that occur periodically.</p>	Yes included.

			<p>Furthermore, with all the latest OS upgrades incorporating AI features, including those that the High Court may adopt in the near future, uncertified machines may lead OEMs to cite legal clauses to avoid fulfilling support requirements. Therefore, certification is crucial for ensuring uninterrupted support and compliance with future technological advancements for the entire lifespan of High Court.</p>	
9	<p>Section – VIII Table – “A” & Table – “B” Buy-Back, Page no.57 & 59</p>	<p>In the Table – “A” the mentioned quantity of All-in-One Computers (non-touch) is 3890 nos. & In the Table “B” Buy-Back the mentioned quantity of All-in-One Computers (non-touch) under buyback is 3399 nos.</p>	<p>As per the RFP you have provided two BOQ for quoting All-in-One Computers (non-touch). Table - "A" is without buyback and Table “B” is with Buy-Back. It is not clear that this are two different quantities to be considered {i.e. 3890 (without buyback) + 3399 (with buyback) = 7289} or you have asked for two different options for All-in-One Computers (non-touch).</p> <p>If the total quantity required for All-in-One Computers (non-touch) is only 3890 out of which 3399 will be in buyback option then we would request to exclude the buyback option from the bid as we will be getting old desktop as buyback in place of supplying new All-in-One Computers (non-touch). We would like to bring you to notice that the cost of old buyback desktops will be very negligible as compared to All-in-One Computers (non-touch) and the time it takes to get the buyback machine from different locations and cost of collecting</p>	<p>Total number of 7289 AIO to be purchased by the High Court under centralized purchase..</p>

			the old machines does not makes it feasible to quote for buyback option.	
10	Section – VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.05	Processor Family : Intel Core i5 Processor with 13th Generation or better	We would request to amend the clause to "Processor Family: Intel Core i5 Processor with 13th Generation or Latest (processor launched date not before year 2024 and TDP not less than 65W)."	Already clarified.
11	Section – VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.05	Base Frequency: 2.2Ghz or higher	As per the clause we would request to revise the base frequency to 2.5Ghz or higher.	Already clarified.
12	Section – VII 7. Technical Specifications:- “Minimum	System Memory (RAM): 16 GB DDR-IV 2666Mhz RAM or better	As per the clause we would request to amend the clause to "System Memory (RAM):16 GB DDR-V 4400 Mhz RAM or better" as this is the latest RAM available with all the renowned OEM's. This will allow all the	Already clarified.

	Specifications – A” Desktop Computers (Windows Operating System), Page no.37, S.No.09		<p>bidders to quote latest product. As the product bidders will offer are going to work at least for next 5 years and providing latest configuration will allow getting future upgrades without any hardware challenges. The industry is transitioning from DDR-IV to DDR-V and the future up gradation, performance and warranty management will be very smooth for Hon'ble High Court.</p> <p>We are also attaching the advantages of DDR-V RAM over DDR-IV RAM along with the link below:- https://www.rambus.com/blogs/get-ready-for-ddr5-dimm-chipsets/</p>	
13	Section–VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, S.No.10	Expandable Memory: Up to 32 GB, at least 2 slots	As per the clause we would request to amend the clause to "Expandable Memory: Up to 64 GB, at least 2 slots" as this will allow better future expandability.	No change.
14	Section – VII 7. Technical Specifications:- “Minimum Specifications	Screen Size & Resolution: 23 inch or above TFT LED Monitor (HD Resolution) or higher with TCO6 certification.	As per the clause we would request to amend the clause to "Screen Size & Resolution: 23 inch or above TFT LED Monitor (HD Resolution) or higher with TCO8 certification" as TCO8 is the latest certification available.	Already clarified.

	ns – A” Desktop Computers (Windows Operating System), Page no.37, S.No.15			
15	Section – VII 7. Technical Specificatio ns:- “Minimum Specificatio ns – A” Desktop Computers (Windows Operating System), Page no.37, S.No.22	USB Port: 4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2	As per the clause we would request to kindly include Type C USB port also in the specification as Type A is now Transitioning to Type-C and Type A will be totally discontinued in next 1-2 years. We would request Kindly amend the clause to "USB Port:: 4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2, 1 USB Type C port."	Already clarified.
16	Section – VII 7. Technical Specificatio ns:- “Minimum Specificatio ns – A” Desktop Computers (Windows Operating System), Page no.37, S.No.24	Power Supply/Adaptor: Optimum Wattage SMPS to support full use of system with all USB ports utilized	We would request to kindly amend the clause to "Power Supply/Adaptor: Optimum Wattage SMPS with 90% efficiency or better to support full use of system with all USB ports utilized."	Already clarified.
17	Section –	Energy Certification:	As per the clause we would	Already

	VII 7. Technical Specifications:- "Minimum Specifications – A" Desktop Computers (Windows Operating System), Page no.37, Sr.no.25	Energy Star (EPA) ver 5.0 or later/ BEE India Star ver 1 or later	request to amend the clause to "Energy Certification: Energy Star (EPA) ver 8.0 or later/ BEE India Star ver 1 or later." as the Energy Star (EPA) ver 8.0 is the latest certificate certification available.	clarified.
18	Section – VII 7. Technical Specifications:- "Minimum Specifications – A" Desktop Computers (Windows Operating System)	BIS Certification for Desktop Computers	BIS Certification is not applicable for Desktop Computer. We would request to kindly remove BIS certifications for Desktop Computer.	Yes BIS certification for Desktop Computers removed.
19	Section – VII 7. Technical Specifications:- "Minimum Specifications – A" Desktop Computers (Windows Operating System),	Intel Core i5 Processor with 13th Generation or better.	We would request to kindly amend the clause to "Intel Core i5 Processor with 13th Generation or Latest (processor launched date not before year 2024 and TDP not less than 65W)"	Already clarified.

	Page no.37, Sr.no.04			
20	Section–VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.05	Base Frequency: 2.2Ghz or higher	We would request to kindly remove this as 13 Generation processor have "P" & "E" core base frequency or change it as minimum 1.8 Ghz or more	Already clarified.
21	Section – VII 7. Technical Specifications:- “Minimum Specifications – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.06	Processor cache: As per Processor	We would request to define the Processor cache to Minimum 24 MB	Already clarified.
22	Section–VII 7. Technical Specifications:- “Minimum Specifications	Motherboard & Chipset: Intel Original Mother Board or better or equivalent M/B based on associated Chipset with Minimum two free PCI/ PCI-x/PCI-Express slots/	Intel Q chipset or latest with Minimum two free PCI/ PCI-x/PCI-Express slots/ PCIe x1 + 1 Half Height PCIe x 16 slot. Integrated TPM 2.0 Security in the motherboard.	Already clarified.

	ns – A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.07	PCIe x1 + 1 Half Height PCIe		
23	Section– VII 7. Technical Specificatio ns:- “Minimum Specificatio ns–A” Desktop Computers (Windows Operating System), Page no.37, Sr.no.13	Operating System certificate: Windows 11 Professional version and windows certification.	We would request to ask for Windows and Ubuntu Linux Certification for Desktop Computer.	No change.
24	Section – VII 7. Technical Specificatio ns:- “Minimum Specificatio ns – B” Computer System All- in-One with Touch screen, Page no.38, S.No.01	Processor: 13th Gen. Intel Core i7, 25 MB cache, 12 Cores, 20 threads with base frequency of 2.1 Ghz or better or equivalent.	We would request to kindly amend the clause to "Processor: 13th Gen. Intel® Core™ i7-13700 processor with Intel® UHD Graphics 770 (P-core Max turbo frequency up to 5.1 GHz, up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores)."	Already clarified.
25	Section –	Processor: x86	We would request to kindly	Already

	VII 7. Technical Specifications:- "Minimum Specifications – C" All-in-One- Computers (non- touch), Page no.39, S.No.02	Processor i.e. Intel i5, 12000 series / AMD Ryzen5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better	amend the clause to "x86 Processor i.e. Intel i5, 12000 series / AMD Ryzen pro 5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better. Processor launch date not before year 2024 and TDP not less than 65W."	clarified.
26	Section – VII 7. Technical Specifications:- "Minimum Specifications – C" All-in-One- Computers (non- touch), Page no.39, S.No.04	Chipset: Suitable chipset for quoted processor with upgradable support	We would request to amend the clause to "Chipset: Intel Q Series or AMD Pro series or higher processor with upgradable support." as this are the latest processor available with all the renowned OEM's.	Already clarified.
27	Section – VII 7. Technical Specifications:- "Minimum Specifications – C" All-in-One- Computers (non- touch),	Memory: 8GB DDR-5 3200 MHz or higher expandable up to 64GB	As per the clause we would request to kindly amend the clause to Memory: 8GB DDR5- 4400 MHz or higher expandable up to 64GB."	Already clarified.

	Page no.39, S.No.05			
28	Section – VII 7. Technical Specifications:- “Minimum Specifications – C” All-in-One-Computers (non-touch), Page no.39, S.No.06	Graphics: Integrated HD or better Graphic controller	We would request to kindly amend the clause to "Graphics: Integrated UHD or better Graphic controller". As UHD is the latest technology available with all the renowned OEM's.	Already clarified.
29	Section – VII 7. Technical Specifications:- “Minimum Specifications – C” All-in-One-Computers (non-touch), Page no.39, S.No.09	External Ports: 2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 HDMI port, 1 DP port	As per the clause we would request to kindly include Type C USB port also in the specification. We would request to kindly amend the clause to "External Ports: 2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports,1 USB Type C Port, 1 HDMI / 1 DP port."	Already clarified.
30	Section – VII 7. Technical Specifications:- “Minimum Specifications – C”	Webcam: Full HD with integrated mike	As per the clause there is no mention of Mega Pixel in the cameras in AIO. We would request to amend the clause to "Webcam: Full HD 5MP with integrated mike."	No change.

	All-in-One-Computers (non-touch), Page no.39, S.No.14			
31	“Minimum Specifications – E” UPS 1KVA (ONLINE) with minimum one hour power backup in standard conditions /full load	Battery (SMF): 4 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt.	1kva online ups is comes with 36 volt and it requires 3 nos. of battery any ah not 4 nos. We would request to amend the clause to "Battery (SMF): 3 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt."	Already clarified.
32	Section – VII 7. Technical Specifications:- “Specifications – G” Multifunctional Device (MFD) Machine, Page no.43, S.No.6	Language support: PCL6/UFRII or equivalent	We would request to include PS3 language support in the specification and amend the clause to "Language support: PCL6/UFRII/PS3 or equivalent"	The vendor can quote higher side

33	Section – VII 7. Technical Specifications:- “Minimum Specifications – H” Heavy Duty Digital Multifunctional Device (MFD) Machine , Page no.44, S. No.	Output format: Tiff, pdf with advance scanning options and output	As per the clause what do you mean by advance scanning options? We would request to remove the advance scanning option.	Already clarified.
34	Section – VII 7. Technical Specifications:- “Specifications – G” Multifunctional Device (MFD) Machine, Page no.43, S.No.15	OS Support: Windows, Linux (Ubuntu) and Any other compatible OS	No support for Any obsolete OS for multifunction printers.	Yes changed.
35	Section – VII 7. Technical Specifications:- “Specifications – G” Multifunctional Device (MFD) Machine,	Environmental Compliance: BEE/Energy star, RoHS and EPR complied	Request to remove the BEE and Energy star certificate. As these printers are manufactured in Vietnam and due to GFR rules applicability all reputed OEM's have shifted manufacturing to Vietnam. Vietnam manufactured printers does not have Energy star certificate	Quote as per tender document.

	Page no.43, S.No.16			
36	Section – VII 7. Technical Specifications:- “Minimum Specifications –I” High Speed Network Laser Jet Printers, Page no.45, S.No.08	Operating system required: Windows and Linux Ubuntu 16.04,18.04,20.04	No support for Any obsolete OS for High Speed Network Laser Jet Printers	Already clarified.
37	Section – VII 7. Technical Specifications:- “Minimum Specifications –I” High Speed Network Laser Jet Printers, Page no.45, S.No.12	Operating System: Ubuntu Linux and Windows operating system	No support for Any obsolete OS for High Speed Network Laser Jet Printers	Yes changed.
38	Section – VII 7. Technical Specifications:- “Minimum Specifications – J” Duplex Network	Networking: 10 Base T/100 Base Tx networking ETHERNET Connectivity ,built-in Ethernet, WiFi 802.11ac	We would request to amend the clause to "Networking: 10 Base T/100 Base Tx networking ETHERNET Connectivity, built-in Ethernet, WiFi 802.11 b/g/n."	Already clarified.

	Laser printer with Wi-Fi, Page no.45, S.No.06			
39	Section – VII 7. Technical Specifications:- “Minimum Specifications – J” Duplex Network Laser printer with Wi-Fi, Page no.45, S.No.08	Operating System supported: Ubuntu Linux, Red hat , Windows Operating System	No support for Any obsolete OS for Duplex Network Laser printer	Yes changed.
40	Section – VII 7. Technical Specifications:- “Minimum Specifications – K” High End Servers, Page No.46, S.No.13	Memory (DDR4 RAM min.) (GB): 1.0 TB, DDR4-2666 or better	We would request to amend the clause to "Memory (DDR4 RAM min.) (GB): 1TB, DDR5-5600MT/s." Latest Generation of Memory works on 5600MT/s	Already clarified.
41	Section – VII 7. Technical Specifications:- “Minimum Specifications – L”	Processor base frequency: 3.0 GHz or higher	We would request to amend the clause to "Processor base frequency: Minimum 2.6GHz or higher." This is contradictory to the ask specification of server. Intel Xeon Silver 4509Y CPU is 2.6Ghz Base frequency and 4.1Ghz turbo	Already clarified.

	Low End Servers, Page No.50, S.No.08		frequency	
42	Section – VII 7. Technical Specifications:- “Minimum Specifications – L” Low End Servers, Page No.50, S.No.13	Memory (DDR4 RAM min.) (GB): 256 GB, DDR4-3600 or better	We would request to amend the clause to "Memory (DDR4 RAM min.) (GB): 256GB DDR5 5600MT/s or better." Latest Generation of Memory works on 5600MT/s	Already clarified.
43	Section – VII 7. Technical Specifications:- “Minimum Specifications – M” TABLET /Touch Screen Panel, Page no.53, S.No.04	RAM: 16 GB or Higher	The standard RAM offered in any Tablet product is 8 & 12 GB. 16 GB RAM is very specific and favoring certain OEM only. We would request to amend the clause to “RAM: 12 GB or Higher.”	No change.
44	Section – VII 7. Technical Specifications:- “Minimum Specifications – M”	Connectivity: Bluetooth 5.2 or above, Mini/type C-USB OTG, 4G & 5G SIM slot, 3.5mm headphone jack, ‘C’ Port to support dual (display) if required, WLAN Wi-Fi 802.11a/b/g/n/ac/6e,	You have asked for 3.5mm Jack which is an older technology. Now a day’s most of the renowned OEM's offering "C" port/ wireless option as a headphone jack and not 3.5mm headphone jack. We would request to kindly	Already clarified.

	TABLET /Touch Screen Panel, Page no.53, S.No.12	Dual-band, Wi-Fi Direct	amend the clause to "C" port/ wireless connectivity for Headphone jack.	
45	Section – VII 7. Technical Specifications:- "Minimum Specifications – M" TABLET /Touch Screen Panel, Page no.53, S.No.12	Connectivity: Bluetooth 5.2 or above, Mini/type C USB OTG, 4G & 5G SIM slot, 3.5mm headphone jack, 'C' Port to support dual (display) if required, WLAN Wi-Fi 802.11a/b/g/n/ac/6e, Dual-band, Wi-Fi Direct	You have asked for 'C' Port to support dual (display) if required which needs more clarity. What does the dual (display) support term means. Is this term means to make secondary display of this device through C port and if this can be achieved through wireless option will it is acceptable to department. If yes then we would request to kindly amend the clause to 'C' Port/Wireless option to support dual (display) if required	Already clarified.
46	Section – VII 7. Technical Specifications:- "Minimum Specifications – M" TABLET /Touch Screen Panel, Page no.53, S.No.16	Audio: Built-in stereo speaker with Audio and stereo head phone jack.	You have asked for 3.5mm Jack which is an older technology. Now a day's most of the renowned OEM's offering "C" port/ wireless option as a headphone jack and not 3.5mm headphone jack. We would request to kindly amend the clause to "Audio: Built-in stereo speaker with Audio and "C" port/ wireless connectivity for stereo head phone jack."	Already clarified.
47	Section – VII 7. Technical Specifications	Disk Type: SAS	We would request to kindly amend the clause to "Disk Type: SAS 7.2K "	Already clarified.
			The 7.2K SAS are NL-SAS drives	

	ns:- "Minimum Specifications – N" STORAGE NAS 500TB, Page No.53, S.No.04		with Higher Capacity and Suitable for Data Archiving / Secondary Storage/NAS kind of Environment.	
48	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page No.54, S.No.18	Type of Front-end Ports: FC, iSCSI, Ethernet, Fibre Channel over Internet	We would request to kindly remove the iSCSI and Fiber Channel over Internet from the specifications. As Specifications are mentioned against type of front end ports; iSCSI and Fiber Channel over Internet are Protocols types	Already clarified.
49	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page No.55, S.No.30	Total Configurable Cache (GB): 768	We would request to kindly amend the clause to "Controller cache (GB): 768 GB DRAM." This Change is requested to guarantee that every OEM should position same technology and SSD drives must not be configured to use as cache	Already clarified.
50	Section – VII 7. Technical	Disk Type: SAS	We would like to suggest to kindly including a combination of NL-SAS, SSD, NVMe, and SAS drive types in the proposed storage	Already clarified.

	<p>Specifications:- “Minimum Specifications – N” STORAGE NAS 500TB, Page no.53, S.No.04</p>		<p>solution. This approach ensures that future investments are safeguarded by providing versatile and scalable storage architecture. By integrating different drive technologies, the system can meet a broad range of performance and capacity requirements, allowing for flexibility in managing various workloads.</p> <p>NL-SAS drives offer high-capacity storage at a lower cost, making them ideal for archiving and less performance-intensive applications. SSD and NVMe drives deliver superior speed and performance, essential for critical and high-demand workloads. Including SAS drives ensures reliable and balanced performance for general-purpose storage needs.</p> <p>This diverse drive mix future-proofs the storage system by accommodating evolving performance and capacity demands while ensuring that the storage infrastructure remains capable of handling new applications and data growth without requiring significant upgrades.</p>	
<p>51</p>	<p>Section – VII 7. Technical Specifications:- “Minimum Specifications – N”</p>	<p>Total Numbers of Drive Slots: To be provided by vendor / High Court may mention minimum requirement</p>	<p>We would like to suggest that the proposed storage solution be equipped with a minimum of 450 drives to accommodate future capacity needs. This ensures the system can scale effectively as data storage requirements grow over time, providing ample room for expansion without</p>	<p>The bidder should provide drive slots as per future scalability upto 1PB. The vendor can propose</p>

	STORAGE NAS 500TB, Page no.53, S.No.04-06.		compromising performance or necessitating costly upgrades in the future. Having a substantial drive capacity from the outset will help meet long-term storage demands while maintaining optimal efficiency and flexibility in operations.	a better solution.
52	Section – VII 7. Technical Specifications:- “Minimum Specifications – N” STORAGE NAS 500TB, Page no.53, S.No.07	Number of Drive Slots Populated with drives of different type in the Storage System: To be provided by vendor / High Court may mention minimum requirement	<p>We would like to suggest that the proposed storage system include a minimum of 50 drives to meet the required capacity. This recommendation ensures that the storage infrastructure has sufficient space to accommodate current data storage needs while also allowing for future growth. By implementing a minimum of 50 drives, the system is better positioned to handle larger datasets, increasing storage demands, and diverse workloads without quickly reaching its limits.</p> <p>Additionally, having an adequate number of drives supports better performance through improved data distribution and load balancing. With more drives in the system, data can be spread across multiple disks, reducing the risk of bottlenecks and enhancing overall efficiency. This configuration not only meets immediate capacity requirements but also provides the flexibility to scale as the organization's storage needs expand over time</p>	To be provided by vendor as per future scalability upto 1PB of same ratio of drive type. The vendor can propose a better solution.
53	Section – VII 7. Technical Specifications:-	Total no of drive slot populated with SSD: To be provided by vendor / High Court may mention minimum requirement	We would like to recommend that the proposed storage solution includes at least 17 SSD drives to meet the required performance.	The bidder may quote as per the 50% requirement of NVMe SSD drives and as

	“Minimum Specifications – N” STORAGE NAS 500TB, Page no.54, S.No.08			per future scalability of 1PB.
54	Section – VII 7. Technical Specifications:- “Minimum Specifications – N” STORAGE NAS 500TB, Page no.54, S.No.09	Total no of drive slot populated with Flash Drive: To be provided by vendor / High Court may mention minimum requirement	We would like to recommend that the proposed storage solution includes a minimum of 8 SAS NVMe drives to ensure the required performance	The Flash Drive is optional.
55	Section – VII 7. Technical Specifications:- “Minimum Specifications – N” STORAGE NAS 500TB, Page no.54, S.No.11	Total no of drive slot populated with NL-SAS: To be provided by vendor / High Court may mention minimum requirement	We would like to recommend that the proposed storage solution includes at least 33 NL-SAS drives to meet the required capacity.	The bidder may quote as per the 50% requirement of 7.2K SAS drives and as per future scalability of 1PB.
56	Section – VII 7. Technical Specifications	Automated Storage tiering feature across the populated drives types (in case of multiple drive system):	We would request to kindly enable the automated storage tiering feature across the various drive types to optimize both storage performance and	Yes changed to automated storage tiering as well as option of

	ns:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.13	No	capacity effectively.	manual tiering from day one.
57	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.14	Automated Storage tiering Software License Included: No	We would request to kindly enable the automated storage tiering feature across the various drive types to optimize both storage performance and capacity effectively.	Yes, Automated Storage tiering Software License should be included from day one.
58	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.18	Type of Front-end Ports: FC, iSCSI, Ethernet, Fibre Channel over Internet	We would request to kindly amend the clause as below- "Type of Front-end Ports: FC, iSCSI, Ethernet/Fiber Channel over Internet so that maximum OEM can participate."	Already clarified.
59	Section – VII 7. Technical	No. & Speed of front-end Ports in Gbps: 8X32GbFC or higher, 8 x 10 GbE or higher	We would request to kindly amend the clause as below- "No. & Speed of front-end Ports in Gbps: 8X32GbFC or higher	Already clarified.

	Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.19		and 4 x 10 GbE or higher to have option of two type of ports"	
60	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.24	Controllers: To be provided by vendor	We would like to recommend that the proposed storage solution be equipped with a minimum of two controllers to achieve the necessary level of availability. Having dual controllers in a storage system ensures high availability by providing redundancy and failover capabilities. In the event that one controller fails or requires maintenance, the second controller can take over the operations without causing downtime or disruption to services.	Yes minimum of two controllers should present in active-active mode from day one.
61	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.26	RAID Level Support: 5/6 or equivalent	The proposed storage solution must be equipped with RAID-5 or RAID-6 configurations, as these provide robust data protection and there is no equivalent alternative that offers the same level of redundancy and fault tolerance.	Yes accepted.
62	Section – VII	Cache Availability Type: Federated	Global Cache ensures robust data availability by providing a	Yes changed to global or

	7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.54, S.No.29		reliable and efficient caching mechanism that enhances performance, reduces latency, and maintains continuous access to critical data across distributed environments. This capability is essential for organizations that require high levels of data availability and operational resilience.	Federated cache.
63	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.55, S.No.41	Type of Data Compression: NA	We would like to recommend that the proposed storage solution be equipped with data compression capabilities to optimize data capacity and improve overall storage efficiency. Data compression is a crucial feature for maximizing the use of available storage space and enhancing system performance.	Yes, data compression feature require from day one.
64	Section – VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.55, S.No.42	Type of Data De duplication:	We would like to recommend that the proposed storage solution incorporate data re-duplication to optimize data capacity and enhance overall storage efficiency. Data re-duplication is a process that eliminates redundant copies of data, ensuring that only unique instances are stored.	Yes, data De duplication feature require from day one.
65	Section–	Protocols Supported by	Kindly change the clause as	Already

	VII 7. Technical Specifications:- "Minimum Specifications – N" STORAGE NAS 500TB, Page no.55, S.No.50	the storage system from day one: FC, iSCSI, CIFS, NFS, Fiber Channel over Internet	below- "Protocols Supported by the storage system from day one: FC, NFS/CIFS, iSCSI/ Fiber Channel over Internet"	clarified.
66	Minimum Specification –N/ Storage NAS 500 TB / Clause No. 30 / Total Configurable Cache (GB)	768	Please change is to 768 GB DRAM Controller cache This Change is requested to guarantee that every OEM should position same technology and SSD drives must not be configured to use as cache	Already clarified.
67	Minimum Specification –N/ Storage NAS 500 TB / Clause No. 50 / Protocols Supported by the storage system from day one	FC, iSCSI, CIFS, NFS, Fiber Channel over Internet	Please remove Fiber Channel over Internet from the Supported Protocols by the storage system Fiber Channel over Internet is not required; As part of Unified Storage Platform already FC, iSCSI, CIFS and NFS Protocols are available. Also Separately 2 remote replication ports (FC/Ethernet) has been asked in storage. Fiber Channel over Internet is OEM specific and not available with all leading Storage OEM therefore Please removes this for broader participation.	Already clarified.

			FCIP allows FC SANs to be connected over IP networks, enabling data transfer across geographically dispersed locations by FCIP Gateway only.	
27. M/s INP Technologies Pvt. Ltd.				
1	2.15 Eligibility Criteria	2.15.2 (ii) Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following:- (a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.	The Experience asked should be changed to Supply, Installation, commissioning, maintenance of Servers/Desktop Computers/Printers/UPS Systems and other related IT equipments during last 5 years ending last day of the month of publication of this tender. With this clause more bidders / OEMs can participate and it will give advantage in terms of price & quality of products to the department.	Already clarified depending upon the line items.
2	Desktop	Screen Size & Resolution	23" TFT LED, HD or higher, TCO6 certified TCO6/ BIS	Already clarified.
3	Desktop	EPEAT Certified	EPEAT / EPR Certified	EPEAT Gold
4	B: All-in-One with Touch Screen	Power	Energy Star 5.2, EPEAT compliant Energy Star 5.2/ BEE, EPEAT/EPR compliant	Latest Energy Star compliance rest of the parameter as

				per tender document.
5		Certifications for Desktop Computers and Monitors	Given that Energy Star, EPEAT, and TCO certifications are international standards and may not be readily applicable to domestic or MSME OEMs in India, we seek confirmation on whether we can submit a bid only for the desktop computers that meet Indian certifications. Specifically, Indian certifications such as BEE for Energy Star and BIS for other standards would be more feasible.	Quote as per tender and clarifications published.
6		Compliance with Indian Regulations	1. As per the GOI Notification P-45014/33/2021-BE-II (E- 64737) dated 20.12.2022, and the current scenario, we understand that EPEAT is not mandatory in India and is primarily environmental in nature. Additionally, TCO certification labs are not available in India. We propose that certifications such as RoHS, ISO 14001, and EPR be considered as they cover most of the parameters that EPEAT addresses. 2. As per 144 rule of GFR, bidders from the countries that share a land border with India must be restricted.	1. Quote as per tender and clarifications published. 2. Yes accepted.
28. M/s M.K.SYSTEMS				
Heavy Duty Digital Multifunction Device(MFD)Machine (H)				
1	PRE QUALIFICATION CRITERIA	Relaxation in EMD, TURNOVER & PAST EXPERIENCE	Tender qualification criteria is quite big in size in terms of overall revenue/turnover, EMD, and experience which disqualifies many competent parties from this tender hence its requested to mark the categories separately and lower the revenue/turnover, EMD conditions etc.	Already clarified.

2	Page No 44/2	Platen Cover Reverse Automatic Document Feeder (RADF) - It's a outdated feature	SPDF's multiplies the Scan/Copy speed , thick or damaged documents can be scanned easily	Already clarified.
3	Page No 44/2	SPDF/RADF Capacity Not mentioned	Minimum 100 sheets or Above, Give user liberty to Scan / Copy multiple documents at one go.	Already clarified.
4	Page No 44/9	Minimum 1 GB or above	Minimum 2 GB or Above, Reduces copy/print job time & keeps the network free.	Already clarified.
5	Page No 44/16	GDI Printing	PCL5/6, PCL allows for finer control and consistency across all Operating Systems.	Already clarified.
6	Page No 44/31	Minimum two cassettes/ Machine	Please mention paper Capacity as minimum 500 sheets, Reduces frequent paper refilling hence improving overall productivity of the equipment.	Already clarified.
7	Page No 44/31	Minimum two cassettes/ Machine	Keep One Cassette with 500 Sheet Capacities.	Already clarified.
29. M/s Kairee Systems Private Limited				
1	Section – 1 Page No 3 NOTICE INVITING TENDER	Online EMD (In Rs.) 1 Crore	Please allow category wise EMD to be furnished.	Already clarified.
2	Section – 2 Page No 11 Clause No - 2.15. ELIGIBILITY/ PRE-QUALIFICATION B6CRITERIA:- Sub clause - 2 (ii)	ELIGIBILITY/ PRE-QUALIFICATION CRITERIA:- Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender,	ELIGIBILITY/ PRE-QUALIFICATION CRITERIA:- Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems and similar products during last 5 years ending last day of month previous to the month of publication of this tender.	Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems and similar IT equipments / products.
3	Section – 2 Page No 11	(a) Three similar completed work costing	Request you to please make it like	Already clarified in

	Clause No - 2.15. ELIGIBILITY/ PRE-QUALIFICATION B6CRITERIA:- Subclause - 2 (ii) q,b and c	not less than the amount equal to 40% of the estimated cost. OR (b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.	(a) Three similar completed works costing not less than the amount equal to <u>30% of the estimated cost of the category participated.</u> OR (b) Two similar completed work costing not less than the amount equal to <u>40% of the estimated cost of the category participated.</u> OR (c) One similar completed work costing not less than the amount equal to <u>70% of the estimated cost of the category participated.</u>	this document and depending upon number of item quoted.
4	Section 4 Page No 21 PAYMENT TERMS: - 4.5. Subsection-1.1	80% of total price against delivery of the equipments at the site after submitting the duly verified delivery challan of the site / locations certified by the concerning Officer of High Court &Principal District and Sessions Judge of District Courts.	Request you to please make it like <u>90% of total</u> price against delivery of the equipments at the site after submitting the duly verified delivery challan of the site / locations certified by the concerning Officer of High Court &Principal District and Sessions Judge of District Courts.	No change.
5	Section 4.5 Page No 22 PAYMENT TERMS:- 4.5. Subsection-1.2	20% of total price against successful installation and getting Sign-off from concerning Officer of the High Court and Principal District and Sessions Judge of District Courts.	Request you to please make it like <u>10% of total</u> price against successful installation and getting Sign-off from concerning Officer of the High Court and Principal District and Sessions Judge of District Courts.	No change.
6	Section 4 Page No 22 Subsection-4.8.1 TIME SCHEDULE TO COMPLETE	The successful bidder shall complete the assignment within 60 days from the date of issue of Letter of Acceptance/ Letter of Intent.	Request you to please make it like the successful bidder shall complete the assignment within <u>90 days</u> from the date of issue of Letter of Acceptance/ Letter of Intent.	No change.

	E THE CONTRAC T:-			
7	Section 4 Page No 22 Subsection- 4.8.2 TIME SCHEDUL E TO COMPLET E THE CONTRAC T:-	In case the purchase order is received directly from the District Court then the period of supply and installation will be 30 days.	Request you to please make it like In case the purchase order is received directly from the District Court then the period of supply and installation will be <u>60 days.</u>	No change.
8	Section 6. Page No 33 Subsection 6.7.4 The various Service Level Requireme nts and related penalties for default are given below:- Mean time to resolve (MTTR)	(i) Within 24 Hours from the call logging time – for all High Severity events. For High Severity events, Rs. 1000/-. (ii) Within 48 hours from the time of attending the problem for all Low severity events. For Low Severity events, Rs. 500/- Delay will be counted in steps of one hour. (iii)Servers should be 5 Years 24 x 7 support with 24 Hours+C4 Response Time)	Request you to please make it as (i) Within 48 Hours from the call logging time – for all High Severity events. (i) For High Severity events, Rs. 500/-. (ii) Within 72 hours from the time of attending the problem for all Low severity events. For Low Severity events, Rs. 200/- Delay will be counted in steps of one hour. (iii)Servers should be 5 Years 24 x 7 support with 24 Hours+C4 Response Time)	Already clarified.
9	Section 7 Page No 43 “SPECIFIC ATIONS – G” Multifunctio nal Device (MFD) Machine Point No 16	“SPECIFICATIONS – G” Multifunctional Device (MFD) Machine Environmental Compliance:- BEE/Energy star, RoHS and EPR complied	Requesting you to please change to <u>BEE/Energy star/RoHS/EPR</u> compliance as asked in other specifications category in this same tender	Quote as per tender document.

10	Section 7 Page No 45 Minimum Specifications – J” Duplex Network Laser printer with Wi-Fi Point no 6	Minimum Specifications – J” Duplex Network Laser printer with Wi-Fi Networking - 10 Base T/100 Base Tx networking ETHERNET Connectivity ,built-in Ethernet, WiFi 802.11ac	Requesting you to please add the WIFI WIFI 802.11 b/g/n Generally 802.11 AC is used in laptop and server, requesting to you change the <u>WIFI802.11ac/WIFI802.11b/g/n</u>	Already clarified.
30. M/s Horizon Computers				
1	Specifications- G(Multifunction Device MFD), Sr.No.13, Page No 43	Scanner :- Flatbed and Duplex ADF scanning (DADF)	As old documents are mostly in legal And van not be processed with safety and security through DADF and may get torn here we request to incorporate in technical compliance legal flatbed size for scanning such important documents.	Clarified as per tender.
2	Specifications - H (Heavy Duty Multifunctional device MFD), Page No. 44	Paper tray capacity to be specified	Request to incorporate in Technical specs Minimum 500 Sheets per tray as per standard RIM size of paper and to avoid loose paper up keeping thus reducing wastages. Suggest (2 X 500 Sheets Tray....	Already clarified.
3	Sr.NO. 1, Page No. 3.	EMD: 1 crore	Please incorporate category wise EMD for IT, Printing and UPS.	Already clarified.
31. M/s MDP Infra (India) Pvt. Ltd.				
1	BOQ	General Query	Please confirm whether the orders will be placed location wise/ court wise /district wise/ tehsil wise. If yes, will the payment be released by these particular locations?	The order will be placed the High Court for centralized purchased and order will be placed by District Court for District Court requirement.
2	2.5 EMD,	The proposal should be	Looking to the huge amount of	Already

	Point no. 2.5.1, Page no. 7	submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of online mode through e-procurement tender portal.	EMD, it is requested to kindly also allow Bank Guarantee for submission of EMD and consider the clause as below. The proposal should be submitted along with online application fee of Rs.10,000/- (Rs. Ten Thousand only) and online Earnest Money Deposit (EMD) of Rs. 01 Crore /- (Rupees One Crore only) in the form of Bank Guarantee/ online mode through e-procurement tender portal.	clarified.
32. M/s Computer Bazar				
1	Technical Specification "Minimum Specifications - A" Desktop Computers (Windows Operating System) PAGE NO. 37	Point No.2 Form Factor:- Small Form Factor with Volume less than 8 Liters	Request/ suggest to change 9.5 Ltr as specific less than 8 Ltr restrict other renowned brand to participate and its asked support specific OEMS.	No change
2	Technical Specification "Minimum Specifications - C All-in-One-Computers (non-touch) PAGE NO. 39	Point no. 3 Motherboard:-OEM Motherboard	Request/ suggest to change include H/B/Q Series Mother Board.	Already clarified.
3	Technical Specification "Minimum Specifications	Point No. 5 Memory 8GB DDR-5 3200 MHz or higher expandable up to 64GB.	Request/ suggest changing DDR4- 3200Mhz or Higher as Currently as per industry standard DDR4 RAM is current running technology.	Already clarified.

	ns-C All-in-One-Computers (non-touch) page no. 39			
4	Technical Specification "Minimum Specifications - C All-in-One-Computers (non-touch) PAGE NO. 39	Point No.17 OS Support: - Latest version of Windows, Linux and Any other Compatible OS. Supplier to provide latest drivers for Windows, Linux (Ubuntu) and any other compatible OS		Already clarified.
5	2.15 Eligibility/Pre-qualification Criteria: Page No. 11	2.15.2 (ii) Experience in Supply, Installation, commissioning, Maintenance of Servers, Desktop Computers, Printers, UPS systems during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following:- 1.(a) Three similar completed work costing not less than the amount equal to 40% of the estimated cost. OR 1.(b) Two similar completed work costing not less than the amount equal to 50% of the estimated cost. OR 1.(c) One similar completed work costing not less than the amount	Evaluation criteria is item wise, hence requesting Eligibility criteria and EMD should also be item wise for maximum vendors participation and fair competition.	Already clarified.

		equal to 80% of the estimated cost.		
33. M/s Vertiv Energy Pvt Ltd.				
Minimum Specification – D - UPS System 1000VA (LIU)				
1	4 (Point no. 3)	Load Power Factor 0.7 (Lag)	As per industry standard Line interactive UPS is having 0.6 output Power factor so request to consider here 0.6 outputs Power factor.	Already clarified.
2	Point no. 6	Backup Time 120 minutes	Request to mention Battery AH capacity & qty. to have better clarity for bidder and it will be easy for comparison.	Already clarified.
3	BIS		Request to mention the BIS certificate required for the all UPS models.	Yes accepted.
4	7	Battery Cabinet	Battery inside the Cabinet is recommended to avoid any open wiring and safety purpose of the user.	Yes accepted.

“Minimum Specifications – A”
Desktop Computers (Windows Operating System)
Brand: Dell / HP / IBM or equivalent brand of repute

S. No.	Description	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
01	Category	Business (for work) segment (not Home Segment) (Full Commercial)	No change. Quote as per tender.	
02	Form Factor	Small Form Factor with Volume less than 8 Liters	No change. Quote as per tender.	
03	Make, Model/ Part No.	(to be given by the bidder- At the time of Technical Evaluation)		

04	Processor Family	Intel Core i5 Processor with 13 th Generation or better.	Yes changed to Intel Core i5 Processor with 13th Generation or Latest.	
05	Base Frequency	2.2Ghz or higher	Yes changed to efficient-core base frequency to 2.5 Ghz or higher.	
06	Processor Cache	As per Processor	Yes changed to Minimum 24MB	
07	Motherboard & Chipset	Intel Original Mother Board or better or equivalent M/B based on associated Chipset with Minimum two free PCI/ PCI-x/PCI-Express slots/ PCIe x1 + 1 Half Height PCIe	Yes changed to Intel Q670 or latest chipset with Minimum two free PCI/ PCI-x/PCI-Express slots/ PCIe x1 + 1 Half Height PCIe x 16 slot. Integrated TPM 2.0 Security in the motherboard.	
08	TDP (Thermal Design)	Not More than 65W	No change. Quote as per tender.	
09	System Memory (RAM)	16 GB DDR-IV 2666Mhz RAM or better	Yes changed to System Memory (RAM):16 GB DDR-V 4400 Mhz RAM or better.	
10	Expandable Memory	Upto 32GB, at least 2 slots	No change	
11	Hard Disk	512 GB PCIe NVMe M.2 SSD or above	No change. Quote as per tender.	
12	Preloaded Operating System	Windows 11 Professional version (along with all required drivers & plug-in) (64 bit) or above	No change. Quote as per tender.	
13	Operating System	Windows 11 Professional	No change. Since, This is Windows	

	certificate	version and windows certification.	OS machine.	
14	System Architecture	64- Bit	No change. Quote as per tender.	
15	Screen Size & Resolution	23 inch or above TFT LED Monitor (HD Resolution) or higher with TCO6 certification.	Yes accepted to Screen Size & Resolution: 23 inch or above TFT LED Monitor (FHD Resolution) or higher with TCO8 certification or higher.	
16	Screen Type	HD Wide Screen Backlit LED Anti-Glare Display	Yes Changed to FHD.	
17	Graphic Processor	Intel HD or equivalent Integrated HD Graphic & sound Controller.	No change. Quote as per tender.	
18	Pointer Device & Keyboard	OEM USB Optical scrolling Mouse, OEM USB Standard 104 Keys Keyboard	No change. Quote as per tender.	
19	Speakers	Stereo sound bar /stereo speaker (Built-In with CPU Cabinet OR Monitor).	No change. Quote as per tender.	
20	Ethernet	Integrated Gigabit Ethernet Controller with Ipv6 Complaint	No change. Quote as per tender.	
21	Wireless	IEEE 802.11 AC. The vendor may quote higher specifications.	IEEE 802.11 AC / AX. The vendor may quote higher specifications.	
22	USB Port	4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2	Yes changed / accepted to USB Port: 4 x USB 2.0, 2 x USB 3.0/3.1 / 3.2, 1 USB Type	

			C.	
23	Other Ports	Mic In and Speaker Out (or head phone/ microphone combo), Rj45, VGA, Display out port or HDMI out port. In case of Display port, the vendor has to provide display to HDMI converter.	Mic In and Speaker Out (or head phone/ microphone combo), Rj45, Display out port or HDMI out port. In case of Display port, the vendor has to provide display to HDMI converter.	
24	Power Supply/ Adaptor	Optimum Wattage SMPS to support full use of system with all USB ports utilized	Yes changed to Power Supply/Adaptor: Optimum Wattage SMPS with 90% efficiency or better to support full use of system with all USB ports utilized.	
25	Energy Certification	Energy Star (EPA) ver 5.0 or later/ BEE India Star ver 1 or later	Yes changed to Energy Star (EPA) ver. 8.0 or later/ BEE India Star ver 1 or later.	
26	EPEAT Certified	Yes Required	EPEAT Gold	
27	Power Management	ACPI Complaint	No change. Quote as per tender.	
28	USB Ports Security	USB Port Disable (through BIOS)	No change. Quote as per tender.	
29	Security Lock	optional	No change. Quote as per tender.	
30	Hardware Drivers	Vendor to provide drivers	No change. Quote as per tender.	
31	OEM Product	Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM	No change. Quote as per tender.	
32	Warranty	5 Years on site	Yes accepted.	

		Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM		
33	Service Centre	Must have Company Authorized Service Centre in Capital City/ High Court Place.	Quote as per tender	

“Minimum Specifications – B”
Computer System All-in-One with Touch screen
(Windows Operating System)

S. No.	Description	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Processor	13 th Gen. Intel Core i7, 25 MB cache, 12 Cores, 20 threads with base frequency of 2.1 Ghz or better or equivalent.	Yes changed to Processor: 13th Gen. Intel® Core™ i7-13700 processor with Intel® UHD Graphics 770 (P-core Max turbo frequency up to 5.1 GHz, up to 5.2 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 16 cores)	

2	Memory	16 GB DDR4 3200Mhz with 2 DIMM sockets expandable upto 64 GB or higher.	16 GB DDR-5 with minimum 4400 MHz or higher expandable up to 64GB, Apart from populated DIMM slots, at least one Physical DIMM Slot should be spared for the future use.	
3	DVD drive	8x DWDRW Optional	-	
4	Monitor	Integrated 27" LED widescreen monitor with Touch Capabilities (FHD) (1920x1080) or higher or better.	No change. Quote as per tender.	
5	Keyboard and Optical Mouse	Wireless Keyboard and mouse	No change. Quote as per tender.	
6	Interface	Integrated 10/100/1000, HDMI port	Minimum 06 USB ports (Minimum 3 x USB 3.2 Gen 2 or higher and Minimum 1 x USB 3.2 Gen 2 USB Type C ports), 1 x HDMI in and 1 x HDMI out port, 1 DP port.	
7	Hard Drive	1 TB PCIeNVMe M.2 SSD	No change. Quote as per tender.	
8	Webcam	Integrated FHD Webcam must be available with 2 MP	No change.	
9	Audio features	Stereo Sound system.	No change. Quote as per tender.	

10	Wireless	Wireless NIC802.11 AC Min Card and Integrated Bluetooth 4.2 or above	Wireless NIC802.11 AC Min Card and Integrated Bluetooth 5.2 or above.	
11	OS	Latest Windows 11 Professional 64 bit preloaded along with all drivers.	No change.	
12	Warranty	5 Year Comprehensive Onsite Warranty	No change. Quote as per tender.	
13	Power	Energy Star 5.2 Compliance, Screen Blanking, Hard Disk and System Management Idle Mode in Power On. Set up Password. Power Supply Surge environmental protected. EPEAT compliant.	Latest Energy Star compliance rest of the parameter as per tender document.	
14	OEM Product	Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM.	No change. Quote as per tender.	
15	Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level 2 support from OEM	5 Years on site Comprehensive OEM Warranty support with Level 1 Support from bidder and Level2 support from OEM.	
16	Service Centre	Must have Company Authorized Service Centre in Capital City/ High Court Place	No change. Quote as per tender.	

“Minimum Specifications – C”
All-in-One-Computers (non-touch)

S. No.	Description	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Type	All-in-One PC	Business / commercial	
2	Processor	x86 Processor i.e. Intel i5, 12000 series / AMD Ryzen5, 5000 series (Six Core and Twelve thread or higher), 4.4 GHz or higher turbo frequency) or better	Yes changed to Processor - x86 Processor i.e., 13 th Gen Intel core i5 (6C/12T) / AMD Ryzen 5(6C/12T), 7000 series (Six Core and Twelve thread or higher), efficient-core 2.6 GHz or higher base frequency) or better.	
3	Motherboard	OEM Motherboard	Yes changed to Motherboard to be from the AIO OEM. And the system must be capable for 64-bit operating system (Microsoft Windows and Ubuntu / Red hat /	

			Suse Linux). Security: Integrated Hardware TPM 2.0 security module in the motherboard.	
4	Chipset	Suitable chipset for quoted processor with upgradable support	Yes accepted to Chipset: Intel Q Series or AMD Pro series or higher.	
5	Memory	8GB DDR-5 3200 MHz or higher expandable up to 64GB	Yes accepted to Memory: 8GB DDR5- 4400 MHz or higher expandable up to 64GB.	
6	Graphics	Integrated HD or better Graphic controller	Yes accepted to Graphics: FHD or better Graphic controller.	
7	Storage	512 GB SSD or Higher	Minimum 512 GB PCIe M.2 NVMe SSD Drive or more, support up to 2 TB PCIe M.2 NVMe SSD or more	
8	Network	Integrated Gigabit Ethernet controller with RJ-45 connector, WIFI and Bluetooth 5.0 or	The vender can quote higher side.	

		higher.		
9	External Ports	2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 HDMI port, 1 DP port	Yes accepted to External Ports: 2 x USB 2.0 or higher and 2 x USB 3.0 or higher ports, 1 USB Type C, 1 HDMI port or 1 DP port. In case of Display port, the vendor has to provide display to HDMI converter.	
10	Audio	Integrated sound controller	No change	
11	Keyboard	Standard 104 Keys OEM Keyboard with Rupee Symbol and USB Interface	No change	
12	Mouse	OEM Optical USB Scroll Mouse with Mouse pad	No change	
13	Display	23" or higher LCD/TFT display non-touch having FHD (1920x1080) or better resolution and TCO/BIS certified	The vender can quote higher side.	
14	Webcam	Full HD with integrated mike	No change	
15	Power Management & DMI	System with Power management features & Desktop Management Interface implementation	No change	
16	Power efficiency	Minimum 85%	No change	
17	OS Support	Latest version of Windows, Linux and Any	Latest version of	

		other Compatible OS. Supplier to provide latest drivers for Windows, Linux (Ubuntu) and Any other compatible OS	Windows, Linux (Ubuntu Linux) OS. Supplier to provide latest drivers for Windows, Linux (Ubuntu). Windows and Ubuntu certifications must be available in the public domain against the quoted AIO model name not for the quoted model series (certifications to be submitted along with the tender technical proposal).	
18	Accessories	System user manual and all other necessary accessories	No change	
19	Compliance & Certifications	Complete system should be BIS registered, BEE / Energy Star certified and RoHS Complied and EPR Complied	No change	
20	Stand	Standard Height adjustable	No change	
21	Warranty	Complete systems with minimum Five Years OEM onsite comprehensive warranty	5 years onsite OEM warranty. OEM	

		support. MAF from OEM is a must.	Warranty must be available in the OEM website against each serial number (including external power adaptor if any)This Bid specific OEM MAF and compliance issued in the name of Bidder must be submitted in technical bid	
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“Minimum Specifications – D”

Line Interactive UPS System of 1000 VA with minimum one hour power backup in standard conditions /full load

Brand: Numeric / APC / Emerson or equivalent brand of repute

S. No.	Specifications	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Capacity	1000 VA with 600 watt	Updated	
2	Technology	PWM using MOSFET / IGBT (Indicate the make, capacity and other technical details of the MOSFET/IGBT)	No change	
3	MAINS MODE			
	AC INPUT	Voltage:140 to 270 Volts Frequency: 50 Hz + 3 Hz		

	AC OUTPUT	Voltage Window:230+8% (With AVR) Frequency: Sync to Mains	Yes allowed for Line Interactive UPS AC OUTPUT Voltage Window should be 230 V \pm 10% (With AVR)	
4	INVERTER MODE (Output)			
	1.Voltage	230 volts + 5% during all conditions in inverter mode like Full load to no load, backup period etc.	Yes changed For Line Interactive UPS, AC OUTPUT Voltage Window should be 230 V \pm 10% (With AVR)	
	2.Frequency	50 Hz + 0.5 Hz	Yes allowed For Line Interactive UPS, Frequency 50 Hz \pm 1Hz	
	3. Load Power Factor	0.70 (Lag)	Yes allowed For Line Interactive UPS, Load Power Factor 0.60 (Lag)	
	4.Output Load	420W for 600VA & 700W for 1000VA, at 0.70 lag load	Yes allowed For Line Interactive UPS, Output Load 600W for 1000VA, at 0.60 lag load.	

	5.Wave Form	Quasi Sine wave/Sine wave	No change	
	6.Inverter Efficiency	> 70 % (on full rated capacity of UPS at 0.70 load PF)	For Line Interactive UPS, Load Power Factor 0.60 (Lag)	
	7.Total Harmonic Distortion	< 25%	No change	
	8.Battery Charger Capacity	Should be minimum 10% (C20 rating) of battery AH capacity	No change.	
	9.DC Bus Voltage	24 V or higher	Yes changed to DC Bus Voltage 12 V or higher.	
5	Battery Bank			
	1. BATTERY (SMF)	Any good national reputed brand complies with JIS C8702.		
	2. Minimum Battery VAH	600 VA :≥300 VAH (15 Minutes);≥1200 VAH (60 Minutes); ≥2300 VAH (120 Minutes) 1000 VA :≥1923 VAH (60 Minutes)	Minimum 2 nos. of batteries of minimum 7ah and 12v or higher of reputed make.	
	3. Battery End Cell Voltage	> 10.5V (None of the Battery should discharge below 10.5V)	No change	
	4. Recharge Time	Less than 8 hours	No change	

6	Backup Time	120 minutes	minimum 30 minutes to 45 minutes or above power backup in standard conditions /full load .	
7	Battery Cabinet	Inbuilt / separate cabinet matching to the UPS cabinet. In case of a separate battery cabinet, the cabinet should be free from sharp edges, scratches, nicks & burns etc. The battery cabinet must have lockable caster wheels.	Battery to be inbuilt in the UPS	
8	UPS Cabinet	UPS cabinet should have minimum 01 mm thick material and should be free from sharp edges, scratches, nicks & burns etc.		
9	PROTECTIONS			
	1. Short Circuit	Electronic current limit in inverter mode & Fuse/MCB in mains mode.		
	2. Surge /Spikes	Through Line Filters		
	3. DC under voltage	Yes		
	4. Overload	Yes ,110% for 2 minutes	Yes removed.	
10	DISPLAY	1. UPS Status, 2. Battery Status / Low Battery		

11	ALARMS	Mains failure, For any Fault Condition, Low Battery at least 2 minutes before the system trips		
12	OTHER FEATURE	Cold Start & Generator Compatibility should be provided.		
13	Management Software (OPTIONAL)	May quote as Optional item.	Optional.	
14	AC Output SOCKETS	Minimum 3 Nos. (230V/5A ISI mark) sockets / IEC socket with cable upto 500VA UPS	Minimum 3/4 Nos. (230V/5A ISI mark) sockets / IEC socket with cable upto 500VA UPS	
15	More than two parallel battery bank not allowed in any configuration			
16	Comprehensive On Site Warranty including Batteries	Five Years on UPS system and 2 years on batteries.		

“Minimum Specifications – E”

UPS 1KVA (ONLINE) with minimum one hour power backup in standard conditions /full load

Brand: Numeric / APC / Emerson or equivalent brand of repute

S. No.	Parameter	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Capacity	1000VA, 800W	No change	
2	Type	True Online Double Conversion	No change	
3	Technology	IGBT	No change	
4	Configuration	1Phase , L-N, +PE	No change	
5	OVCD, overload,	Inbuilt	No change	

	short circuit and surge protection			
6	Generator /Inverter compatibility	Should be compatible with generator /inverter supply.	No change	
7	AC Output Voltage	230 V AC, 1-phase \pm 1%	No change	
8	Output Frequency	50 Hz +/- 3 Hz	No change	
9	Output Efficiency	90% on full load	No change	
10	Output Plug standard	Minimum 3, India 3-pin 6A	No change	
11	Wave Form	Sine Wave	No change	
12	Input Plug standard	India 3-pin 6A	No change	
13	Input voltage limits	110V-280V	No change	
14	Switching current capacity	10A	No change	
15	Product Certification	ISO 9001-2000, ISO 14001 certified and BIS certificate/standard (UPS and batteries)	No change	
16	Battery (SMF)	4 number of 12V, 9ah battery or equivalent or better. Should be internal /inbuilt.	Yes changed to Battery (SMF) 4 number of 12V, 9ah battery or with minimum 432vah or equivalent or better. Should be internal /inbuilt.	
17	Recharge Time	Less than 8 hours	No change	
18	Battery Warranty	Minimum 2 years	No change	

19	Warranty on UPS	Minimum 5 years onsite warranty across M.P.	No change	
20	Service Centers	Must have Company Authorized Service Centre in Capital City / High Court Place.	No change	
21	Other features	Cold Start, LCD Display panel	No change	
22	Monitoring and Alarm	On battery, replace battery, overload and approximate load indications, Alarm on battery, distinctive low battery alarm, and overload continuous tone alarm.	Yes changed and removed the replace battery option.	

“Minimum Specifications – F”

UPS 5 KVA (ONLINE) with minimum two hour backup

Brand: Numeric / APC / Emerson or equivalent brand of repute

S. N.	Parameter	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
01	Product certification	ISO 9001-2000, ISO 14001 certified and BIS certificate	No change	
02	Type	Online	No change	
03	Capacity required	5 KVA	No change	
04	Minimum VAH required	8060 VAH or above	No change	
05	Switchover/ Transfer Time	<4 ms in synch mode, <10 ms in un synch mode	No change	
06	Input Power	230V AC +/- 20%, Single phase	No change	
07	Input Frequency	0.8 or higher	Yes changed to Input Frequency	

			should be 50Hz +/- 5% or better.	
08	Input Power factor	0.75 or higher	No change	
09	Output Power	Single phase 230V AC, +/- 1%,	No change	
10	Output Frequency	50 Hz, +/- 2%	No change	
11	Overall efficiency	>90%	No change	
12	Total Harmonic Distortion	<3% THD	No change	
13	Battery recharge time	< 8 hours for 90% of total AH capacity	No change	
14	Battery back-up time at full load	Minimum one Hour Battery Backup at full-load.	No change	
15	Batteries	Valve Regulated Lead Acid (VRLA) Sealed Maintenance free batteries with enclosure of reputed make like Exide/ Panasonic/ Amron Quanta.	No change	
16	Voltage regulator	Built-in	No change	
17	Bypass switch	Dynamic bypass switch, built-in	No change	
18	RFI & EMI Filter	Built-in	No change	
19	Inverter Overload	125% for 10 minutes, 150% for 10 secs.	No change	
20	Load protection function	Automatic and graceful shutdown of the load (PC) in event of battery capacity reaching discharge. The software shall save user data automatically, shutdown the application program and operating system.	No change	

21	Event management function	Capable to record historical data, events and send event details through email, SNMP compatible	No change	
22	Network Interface port	1 no. 10/ 100 Mbps port for UPS monitoring on Network	No change	
23	Display meters on UPS	Voltmeter, Ammeter, Frequency meter, Battery Voltage & Current, Load Utilization Percentage	No change	
24	Annunciation & Alarms	Potential free alarm contacts (NO/ NC) for AC input fail, Battery Total Discharged conditions. Local audible and visual alarms on the UPS panel.	No change	
25	Cabinet and enclosure	Fire resistant, Metallic enclosure, Corrosion resistant or equivalent	No change	
26	Battery Cabinet	Battery cabinet for safety of batteries.	No change	
27	OEM Product	Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM	No change	
28	Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support directly from OEM	
29	Service Centre	Must have Company Authorized Service Centre in Capital City / High Court Place	No change	

“SPECIFICATIONS – G”
Multifunctional Device (MFD) Machine

S. No.	Specifications	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Speed (min.)	35 PPM or higher (A4)	No change. The vendor can quote higher side.	
2	Functions	Print, copy and scan (Flatbed & DADF)	No change	
3	Memory(min.)	512 MB		
4	Technology	Laser & Automatic Duplex Printing (DADF)	No change.	
5	Resolution for Print/ Copy/ Scan	600x600 dpi or higher		
6	Language support	PCL6/UFRII or equivalent	The vendor can quote higher side	
7	Interface	USB 2.0 & Ethernet	No change	
8	Display Panel for setting	LCD	No change	
9	Monthly Duty Cycle	80000 pages	No change.	
10	Media size support	A4, legal, letter & envelope	No change	
11	Toner Cartridge with MFD	Declare the yield value in accordance with ISO/IEC standard	No change	
12	Drivers & accessories	Yes - Power cable, USB Cable	No change	
13	Scanner	Flatbed and duplex ADF scanning(DADF)	Yes included DADF.	
14	Scan to Email	Yes	No change	

15	OS Support	Windows, Linux (Ubuntu) and Any other compatible OS	Yes changed that for any obsolete OS the multifunction printers may not get OS support.	
16	Environmental Compliance	BEE/Energy star, RoHS and EPR complied	Quote as per tender document.	
17	Comprehensive On Site Warranty except for consumables	Five Years	No change.	

“Minimum Specifications – H”
Heavy Duty Digital Multifunctional Device (MFD) Machine

S. No.	Specifications	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
	Minimum Specification			
01	Copying Type	Automatic document feeder (ADF)	Yes changed to DADF	
02	Platen Cover	Reverse Automatic Document Feeder (RADF)		
03	Scan Once Print Many	Yes Required		
04	Copy/Print Process	Indirect Electrostatic Photographic Method (Dry Process) / laser technology or equivalent	No change.	
05	Copying Resolution	600 x 600 dpi or better	No change.	
06	Scanning Resolution	600 x 600 dpi or better	No change.	

07	Printing Resolution	600 x 600 dpi or better	No change.	
08	Copying Speed	Minimum 30 CPM	Yes changed to 40 PPM /CPM.	
09	Std Memory of machine	Minimum 1 GB or above	Yes changed to 2GB RAM.	
10	First Copy Out Time	Less than 9 sec		
11	Multiple Copying	Up to 999 Copies	No change.	
12	Reduction/Enlargement	From 25% to 400%	No change.	
13	Image Density Control	Text-Photo / Text	No change.	
14	Power Stabilizer	Inbuilt / out built	No change.	
15	Print (Auto duplex unit)	Yes required	No change.	
16	Std Printer	GDI Printing	Yes changed to PCL6 and PS or higher.	
17	Print Speed	Minimum 30 PPM	Yes changed to 40 PPM /CPM.	
18	Interface	USB 2.0 / USB 3.0	No change.	
19	Network Interface and protocol	10 Base-T / 100 Base-TX , TCP / IP Protocol	The vendor can quote higher side.	
20	Paper type	A3, A4, Legal etc.		
21	Operating Systems	Should support Windows , Linux Operating System, SUSE Operating Systems	Must support Should support Windows and Ubuntu Linux Operating System	

22	SCANNER			
23	Std Scan	TWAIN compliant, Scan to PC, Email and FTP	No change.	
24	Resolution	300 dpi, 600 dpi or better	The vendor can quote higher side	
25	Interface	High Speed USB 2.0 / 3.0	The vendor can quote higher side	
26	Output format	Tiff, pdf with advance scanning options and output	Tiff, pdf with advance scanning option i.e. PDF/A. Scan to PDF/A etc.	
27	OEM Product	Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM	No change	
28	Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM	No change	
29	Service Centre	Must have Company Authorized Service Centre in Capital City/ High Court Place	No change	
30	Energy star certified /	Yes Required	No change	

	BEE Certified / BIS certified			
31	Minimum two cassettes/ Machine must have two cassettes	Yes Required	Yes accepted with 500 sheets in each tray(total 02).	

“Minimum Specifications –I”
High Speed Network Laser Jet Printers with WiFi

S. No.	Specifications	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
01	Print Speed	35 ppm or above (Black) (A4 size)	No change.	
02	First page out	Less than 10 sec	No change.	
03	Resolution	600 X 600 DPI or above	No change.	
04	Memory	512 MB	No change.	
05	Network Interface	10/100/1000 Mbps Ethernet interface	No change.	
06	Duplex	Automatic Duplex capability	No change.	
07	Paper Capacity	250 sheets on standard input tray, 100 sheets on multipurpose tray	No change.	
08	Operating system required	Windows and Linux Ubuntu 16.04,18.04,20.04	Yes accepted to Operating system required Windows 11 and Linux Ubuntu 20.04 or above.	
09	Monthly Duty Cycle	80,000 copies	No change.	

10	Interface	Parallel or High Speed USB 2.0 with cable	No change.	
11	Energy star/ BEE Certified / BIS certified	Yes Required	No change.	
12	Operating System	Ubuntu Linux and Windows operating system	Yes changed that for any obsolete OS the printers may not get OS support.	
13	OEM Product	Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM	No change.	
14	Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM	No change.	
15	Service Centre	Must have Company Authorized Service Centre in Capital City / High Court Place	No change.	

“Minimum Specifications – J”
Duplex Network Laser printer with Wi-Fi

S. No.	Items	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
01	Print Speed	Minimum 25 ppm	No change.	
02	Resolution	600 x 600 dpi and above	No change.	

03	Memory	128 MB RAM	No change.	
04	duty cycle	Minimum 8000 pages per month	No change.	
05	Port	High Speed USB port	No change.	
06	Networking	10 Base T/100 Base Tx networking ETHERNET Connectivity ,built-in Ethernet, WiFi 802.11ac	Yes changed to 10 Base T/100 Base Tx networking ETHERNET Connectivity ,built-in Ethernet, WiFi 802.11ac /802.11 b/g/n.	
07	Printing	Automatic Duplex printing : A4, LEGAL, LETTER	No change.	
08	Operating System supported	Ubuntu Linux, Red hat , Windows Operating System	Yes changed for Any obsolete OS for Duplex Network Laser printer	
09	Energy star/ BEE Certified / BIS certified	Yes Required	No change.	
10	OEM Product	Original Equipment Manufacturer (OEM) Manufacture or its authorized distributors/ dealers with OEM	No change.	
11	Warranty	5 Years on site Comprehensive Warranty support with Level 1 Support from bidder and Level2 support from OEM	No change.	

12	Service Centre	Must have Company Authorized Service Centre in Capital City / High Court Place		
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“Minimum Specifications – K”

High End Servers of Reputed Make & Brand like HP/Dell or equivalent brand of repute

S. No.	Parameter	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Form Factor	Rack Mount (Maximum 2U)	No change.	
2	Processor Make	x86 Architecture processor	No change.	
3	Max. Number of sockets available on chipset	To be mentioned by Vendor / High Court may mention minimum requirement.	02 sockets	
4	Max. Number of sockets populated with processor	Two (2)	No change.	
5	No. of Processor	Two (2)	No change.	
6	Processor Configuration	64-bit x86 processor fully binary compatible to 32-bit applications	No change.	
7	Number of cores per Processor	24 or more	No change.	
8	Processor base frequency	2.8 GHz or higher	No change.	
9	Chipset compatible with CPU	Yes (To mention chip set of Processor OEM)	No change.	
10	Motherboard (OEM)	OEM	No change.	

	compatible with CPU)			
11	PCI Slots (Express Gen 3.0 min.)	One Free	Yes changed to PCI Slots (Express Gen 5.0 min.): Three Free.	
12	Max Nos. of PCI Lanes	To be mentioned by Vendor	No change.	
13	Memory (DDR4 RAM min.) (GB)	1.0 TB, DDR4-2666 or better	Yes accepted. 1TB, DDR5-5600MT/s Latest Generation of Memory works on 5600MT/s.	
14	DDR4 RAM upgradable up to (Minimum) (GB)	3.0 TB	Upgradable to DDR5 RAM upto 3TB.	
15	DIMM Slots (Minimum) (No.)	16/32	No change.	
16	Hard disk drive Capacity (GB)	480GB x 3 for OS and 4x1.92 TB SSD-SAS 12Gbps or better	Yes changed to minimum 5x1.92 TB Enterprise NVMe SSD 12Gbps or better.	
17	Hard disk drive RPM with SAS (hot plug or better) (RPM)	Hot Plug	No change.	
18	RAID Controller Caches (MB)	2000MB with battery backup	No change.	
19	RAID Controller	12 Gbps SAS RAID controller supporting RAID 0, 1, 5 and 10	12 Gbps SAS /NVMe RAID controller supporting RAID 0, 1, 5 and 10	
20	RAID Controller Ports	8	No change.	

21	Video Controller (support VGA or above resolution)	Yes	No change.	
22	Keyboard	No	No change.	
23	Mouse	No	No change.	
24	Monitor	No	No change.	
25	Bays (min. 2 internal or more hot plug)	5	No change.	
26	USB Ports (version 2.0/3.0)	4	No change.	
27	Certifications, Compliance & support by Windows, Red Hat or Novell	OS Certification Compliance : Windows, Linux (RedHat, SuSe, CentOS, Ubuntu) and any other compatible OS Virtualization / Cloud Platform : Microsoft Windows, VMware Open Stack, Kubernetes Certification for Compliance	No change	
28	DVD ROM (or better)	NO	No change	
29	Networking: dual LAN (10/100/1000) network card	Dual Port 10GbE Base-T Adapter, OCP NIC 3.0 Network Adapter	No change	
30	FC HBA Dual port card	Single port FC HBA Card 16/32 Gbps or higher (Qty – 2) 5M LC-LC cable for each HBA port	Yes changed to dual port FC HBA Card 16/32 Gbps or higher (Qty – 2) 10M LC-LC cable for each HBA port.	
31	FC HBA Dual port card	32 Gbps or higher (with transceiver)	Yes as above point no. 30.	

	Speed			
32	Management Features-1	Remoter power on/ Shutdown of server,	No change	
		Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port,	No change	
		Should have virtual Media support with all required licenses.	No change	
		Remote KVM	No change	
		Server Health Logging	No change	
		Out of Band Management	No change	
33	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.	No change	
		Automated infrastructure management for patch upgrades, version upgrades, etc.	No change	
		Simplified management with analytics driven actionable intelligence	No change	
		Intelligence System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes	No change	
		Hardware Profile based deployment to multiple Servers simultaneously	No change	
		Policy template for deployment of single policy to multiple Servers simultaneously	Yes removed.	
		Platform inventory and health status		

		Server utilization statistics collection (including firmware updates and diagnostic tools)	Yes removed.	
		Should provide an alert in case the system is not part of OEM hardware compatibility test	Yes removed.	
		Solution should be open and programmable providing Rest API, SDK for programming languages like Python, power shell scripts etc.	Yes removed.	
		Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.	Yes changed to Should have customizable dashboard to show overall faults /health /inventory for all managed infrastructure.	
		the user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc)	Yes removed.	
		Single pane of glass for auto Provisioning across Multi-vendor& multi hypervisor platform	Yes removed.	
		Self-service portal deployment for automated provisioning	Yes removed.	
		Real-time out-of-band hardware performance monitoring & alerting	No change	
34	Security Features-1	Secure Boot (Firmware and Bios Level Security)	No change	
		Provision to lock the system on breach	No change	

		Hardware root of trust/Dual Root of Trust	No change	
		Server should provide policy based security	No change	
		Server should provide server intrusion detection,	No change	
35	Security Features-2	Provision for Cryptographic firmware updates	No change	
		Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach	Yes removed.	
		Secure /Automatic BIOS recovery	No change	
		Network Card secure firmware boot	No change	
		In case of any security breach system should provide the lock down feature	No change	
36	Redundant Power Supply	Redundant Power Supply should be Platinum Efficiency and hot Swappable	No change	
37	Redundant Fan	Yes	No change	
38	Server scalability to be achieved within the box & without adding nodes	Yes	No change	
39	BIS Registration no. under CRS of Deity	Yes	No change	
40	Declare max. power consumption of the system	Yes	No change	

41	Availability of documentary evidence in support of model quoted in commercial production & due evaluation completed	Yes	No change	
42	Details of benchmark indices with software & diagnostic software used to test server. Benchmark report (snapshots and full description report) should be submitted (for an exactly same configuration as what is being quoted) along with the bid.	Processor SPEC CPU2017 benchmarked with SPEC rating of at least (350 - SPECrate2017_int_base score and 325 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding.	Yes changed to Processor SPEC CPU2017 benchmarked with SPEC rating of at least (512 SPE Crate 2017_int_base score and 683 - SPECrate2017_fp_base scores). Benchmark rating of quoted processor for quoted model should be published on SPEC.ORG on date of bidding.	
43	Server main supply	200V to 230V	No change	
44	CE or UL certified or Ertl /Etdc certified for safety (IEC-60950-1)	Yes	No change	
45	RoHS Compliance	Yes	No change	

46	Warranty	Five (5) Years OEM onsite comprehensive warranty Acceptance Testing before delivery Root of Trust Security Enabled. Due to security reasons defective HDD will not be returned back on replacement.		
47	Service Level Agreement (SLA) may be ADDED and may be read as	Critical (production down) resolution within 6 hours and after that penalty Rs 400/hour. Non-critical (Redundancy lost/Partial failure)-resolution within 24 hours and after that penalty Rs. 400/day. Maximum Penalty upto 10% of the total PO value.	No change.	
48	MAF from OEM is Required	Yes	No change	

“Minimum Specifications – L”

Low End Servers of Reputed Make & Brand like HP/Dell or equivalent brand of repute

S. No.	Parameter	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Form Factor	Tower/ Pedestal Server	Yes changed to 1U /2U Rack or Tower/ Pedestal Server.	
2	Processor Make	x86 Architecture Intel Xeon Silver 4300 series processor or equivalent AMD Processor- AMD EPYC 7200 Series Processor	Yes changed to x86 Architecture Intel 5th Gen Xeon processor or	

		with Min 3.1 Ghz Turbo or Higher	equivalent AMD Processor with Min 3.7 Ghz Turbo or Higher.	
3	Max. Number of sockets available on chipset	To be mentioned by Vendor	02	
4	Max. Number of sockets populated with processor	Dual	No change	
5	No. of Processor	Dual	No change	
6	Processor Configuration	64-bit x86 processor fully binary compatible to 32-bit applications	No change	
7	Number of cores per Processor	8 or more	No change	
8	Processor base frequency	3.0 GHz or higher	Minimum 2.6GHz or higher	
9	Chipset compatible with CPU	Yes	No change	
10	Motherboard (OEM compatible with CPU)	OEM	No change	
11	PCI Slots (Express Gen 3.0 min.)	One Free	Yes changed to PCI Slots (Express Gen 5.0 min.): Three Free.	
12	Max Nos. of PCI Lanes	-	06	
13	Memory (DDR4 RAM min.) (GB)	256 GB, DDR4-3600 or better	Yes changed to 256GB, DDR5-5600MHz or better.	
14	DDR4 RAM upgradable up to	1 TB	Upgradable to DDR5 RAM	

	(Minimum) (GB)		upto 1TB.	
15	DIMM Slots (Minimum) (No.)	-	As per the upgraded configuration.	
16	Hard disk drive Capacity (GB)	2 x 960 GB SSD – SAS 12 Gbps or better (can NVME SSD be considered)	Yes changed to 3x1.9TB NVMe SSD or higher.	
17	Hard disk drive RPM with SAS (hot plug or better) (RPM)	Hot Plug		
18	RAID Controller Caches (MB)	-		
19	RAID Controller	12 Gbps SAS RAID controller supporting RAID 0, 1 Should support old configuration.	12 Gbps SAS /NVMe RAID controller supporting RAID 0, 1 Should support old configuration.	
20	RAID Controller Ports	4	No change.	
21	Video Controller (support VGA or above resolution)	Yes	No change.	
22	Keyboard	Yes	No change.	
23	Mouse	Yes	No change.	
24	Monitor	23.8" and above FHD same OEM Make, BIS/TCO Certified	No change.	
25	Bays (min. 2 internal or more hot plug)	5	No change.	
26	USB Ports (version 2.0/3.0)	4	No change.	
27	Certifications, Compliance & support by Windows, Red Hat or Novell	OS Certification Compliance : Windows, Linux (RedHat, SuSe, CentOS, Ubuntu) and any other compatible OS Virtualization /	No change.	

		Cloud Platform Microsoft Windows, VMware, OpenStack, Kubernetes Certification for Compliance		
28	DVD ROM (or better)	NO	No change.	
29	Networking: dual LAN (10/100/1000) network card	Dual Port 10GbE Base-T Adapter, OCP NIC 3.0 Network Adapter		
30	FC HBA Dual port card	-	-	
31	FC HBA Dual port card Speed	-	-	
32	Management Features-1	Remoter power on/Shutdown of server,	No change.	
		Remote Management of Server over LAN & WAN with SSL encryption through gigabit management port,	No change.	
		Should have virtual Media support with all required licenses.	No change.	
		Remote KVM	No change.	
		Server Health Logging	No change.	
		Out of Band Management	No change.	
33	Management Features-2	Management of multiple Servers from single console with single source of truth for multiple sites.	Yes changed to Management of multiple Servers from single console.	
		Automated infrastructure management for patch upgrades, version	No change.	

	upgrades, etc.		
	Simplified management with analytics driven actionable intelligence	Yes changed to should offer Simplified management and help provide notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD.	
	Intelligence System tagging giving admin flexibility to provide metadata tags to each System to enable users to filter and sort systems based on user-assigned attributes	Yes removed.	
	Hardware Profile based deployment to multiple Servers simultaneously	No change.	
	Policy template for deployment of single policy to multiple Servers simultaneously	Yes removed.	
	Platform inventory and health status		
	Server utilization statistics collection (including firmware updates and diagnostic tools)	Yes removed.	
	Should provide an alert in case the system is not part of OEM hardware compatibility	Yes removed.	

		test		
		Solution should be open and programmable providing Rest API, SDK for programming languages like Python, power shell scripts etc.	Yes removed.	
		Should have customizable dashboard to show overall faults/health/inventory for all managed infrastructure the solution should provide option to create unique dashboards for individual users.	Yes changed to Should have customizable dashboard to show overall faults /health /inventory for all managed infrastructure.	
		The user should be flexibility to select name for dashboards and widgets (viz. health, utilization etc.)	Yes removed.	
		Single pane of glass for auto Provisioning across Multi-vendor& multi hypervisor platform	Yes removed.	
		Self-service portal deployment for automated provisioning	Yes removed.	
		Real-time out-of-band hardware performance monitoring & alerting	No change.	
34	Security Features-1	Secure Boot (Firmware and Bios Level Security)	No change.	
		Provision to lock the system on breach	No change.	
		Hardware root of trust/Dual Root of Trust	No change.	
		Server should provide	No change.	

		policy based security		
		Server should provide server intrusion detection,	No change.	
35	SecurityFeatures-2	Provision for Cryptographic firmware updates	No change.	
		Capability to stop execution of Application/Hypervisor/ Operating System on predefined security breach	Yes removed.	
		Secure /Automatic BIOS recovery	No change.	
		Network Card secure firmware boot	No change.	
		In case of any security breach system should provide the lock down feature	No change.	
36	Redundant Power Supply	Redundant Power Supply should be Platinum Efficiency and hot Swappable	No change.	
37	Redundant Fan	Yes	No change.	
38	Server scalability to be achieved within the box & without adding nodes	Yes	No change.	
39	BIS Registration no. under CRS of Deity	Yes	No change.	
40	Declare max. power consumption of the system	Yes	No change.	
41	Availability of documentary evidence in support of model quoted in	Yes	No change.	

	commercial production & due evaluation completed			
42	Server main supply	200V to 230V	No change.	
43	CE or UL certified or Ertl/Etdc certified for safety (IEC-60950-1)	Yes	No change.	
44	RoHS Compliance	Yes	No change.	
45	Warranty (years)	Five (5) Years OEM onsite comprehensive warranty Acceptance Testing before delivery Root of Trust Security Enabled. Due to security reasons defective HDD will not be returned back on replacement.	No change.	
46	Service Level Agreement (SLA)	May be defined by High Court	Yes changed to Critical (production down) resolution within 24 hours and after that penalty @ Rs 400/hour. Non-critical (Redundancy lost/Partial failure) - resolution within 48 hours and after that penalty Rs 400/day. Maximum Penalty upto	

			10% of the total PO value.	
47	MAF from OEM is Required	Yes	No change.	

“Minimum Specifications – M” (Optional)

TABLET /Touch Screen Panel of Reputed Make and Brand like HP/Dell or equivalent brand of repute

S. No	Parameter	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Operating System	Android 12 or Higher/iOS 12 or higher/ Windows equivalent/Any other compatible OS	Latest Android 14 /Latest windows version to be supplied /Any other compatible OS.	
2	Processor Speed	1.8 GHz or Higher	2.0 or higher.	
3	Processor Core	Quad or better	Octa Core 2.0 or higher	
4	RAM	16 GB or Higher	No change	
5	Internal Storage	256 GB or above	No change	
6	expandable external memory	minimum 256 GB	No change	
7	Screen Size	14" or Higher Capacitive Multi touch screen	No change. The vendor can quote higher side.	
8	Resolution	2950 * 1800 or above with Capacitive Multi-touch	No change. The vendor can quote higher side.	
9	Brightness (Nits)	400 nits or Higher	No change. The vendor can quote higher side.	

10	Rear Camera	12 MP or Higher	No change	
11	Front Camera	5 MP or Higher	No change	
12	Connectivity	Bluetooth 5.2 or above, Mini/type C-USB OTG, 4G & 5G SIM slot, 3.5mm headphone jack, 'C' Port to support dual (display) if required, WLAN Wi-Fi 802.11a/b/g/n/ac/6e, Dual-band, Wi-Fi Direct	Bluetooth 5.2 or above, Mini/type C-USB OTG, 4G & 5G SIM slot, 'C' Port to support dual (display) WLAN Wi-Fi 802.11a/b/g/n/ac/6e, Dual-band, Wi-Fi Direct. The 3.5mm headphone jack is optional.	
13	Battery	10000 mAh or Higher	No change	
14	Mobile Device Management Support	Yes	No change.	
15	Comprehensive On Site Warranty	Three (3) Years	No, only Comprehensive Warranty.	
16	Audio	Built-in stereo speaker with Audio and stereo head phone jack.	Yes changed to Built-in stereo speaker with one C port and headphone jack is optional.	
17	Accessories	1. Charger as per Indian electrical environment 2. OEM supplied Hard Protection cover 3. Data Cable 4. OTG/USB Adapter Kit for connecting external USB drive	No change.	
18	Certification	CE and FCC	Yes allowed ISO 9001, ISO 14001,	

			BIS, RoHS, EPR of the Tablet also certification CE and FCC is required.	
19	Stylus / Pen	Yes Required	Yes Required	
20	Stand	Yes, Inbuilt / External - to use the Tablet at 60-90 degrees on Court dais.	Yes	

“Minimum Specifications – M-I”

**WACOM Touch Panel of minimum 23” FHD or above or better
Model No. DTH 2452G1CX with Pen**

“Minimum Specifications – N”
STORAGE NAS 500TB

S. No.	Description	Specification (As per RFP)	Revised after Clarification	Technical compliance Yes/No along with remarks
1	Storage System Type	Unified Storage	Yes changed to SAN Storage.	
2	Storage Capacity (TB)	500 TB Usable	No change.	
3	Hardware Form Factor of Storage System (RU)		No change.	
4	Disk Type	SAS	Yes accepted to 50% NVME SSD and 50% SAS 7.2K. (500TB Usable capacity after RAID-6).	

5	Speed of dual ported disk drive in Gbps	12	No change.	
6	Total Numbers of Drive Slots	To be provided by vendor / High Court may mention minimum requirement	The bidder should provide drive slots as per future scalability upto 1PB. The vendor can propose a better solution.	
7	Number of Drive Slots Populated with drives of different type in the Storage System	To be provided by vendor / High Court may mention minimum requirement	To be provided by vendor as per future scalability upto 1PB of same ratio of drive type. The vendor can propose a better solution.	
8	Total no of drive slot populated with SSD	To be provided by vendor / High Court may mention minimum requirement	The bidder may quote as per the 50% requirement of NVMe SSD drives and as per future scalability of 1PB.	
9	Total no of drive slot populated with Flash Drive	To be provided by vendor / High Court may mention minimum requirement	The Flash Drive is optional.	
10	Total no of drive slot populated with SAS	To be provided by vendor / High Court may mention minimum	No change.	

		requirement		
11	Total no of drive slot populated with NL-SAS	To be provided by vendor / High Court may mention minimum requirement	The bidder may quote as per the 50% requirement of 7.2K SAS drives and as per future scalability of 1PB.	
12	Drive Type Wise Storage Capacity of System in GB	To be provided by vendor / High Court may mention minimum requirement	The bidder may quote as per the 50% (250TB) requirement of NVMe SSD drives and as per future scalability of 1PB and 50% (250TB) 7.2K SAS drives and as per future scalability of 1PB.	
13	Automated Storage tiering feature across the populated drives types (in case of multiple drive system)	No	Yes changed to automated storage tiering as well as option of manual tiering from day one.	
14	Automated Storage tiering Software	No	Yes, Automated Storage	

	License Included		tiering Software License should be included from day one.	
15	Hot Spares	Yes	No change.	
16	Number of populated disks per Hot Spare	30	20	
17	Provision for additional capacity	Yes	No change.	
18	Type of Front-end Ports	FC, iSCSI, Ethernet, Fibre Channel over Internet	Yes changed to FC and iSCSI.	
19	No. & Speed of front-end Ports in Gbps	8X32GbFC or higher, 8 x 10 GbE or higher	Yes changed to 8X32GbFC or higher, 4x10 GbE or higher.	
20	Type of Back-end Ports	SAS	No change.	
21	Number of Back-end Ports	4 or higher	No change.	
22	Speed of Back-end ports in Gbps	12	No change.	
23	Number of Remote Replication Ports (FC/Ethernet)	2	No change.	
24	Controllers	To be provided by vendor	Yes minimum of two controllers should present in active-active	

			mode from day one.	
25	Number of Controllers/VSD/ Node available in the storage System on common back plane without using external switch/device OR without common backplane using switches	2	No change.	
26	RAID Level Support	5/6 or equivalent	Yes accepted to RAID Level Support: 6	
27	Active-Active Controllers Configured in HA	Yes	No change	
28	Active Stand by Controller Configured in HA	No	No change	
29	Cache Availability Type	Federated	Yes changed to global or Federated cache.	
30	Total Configurable Cache (GB)	768	Yes changed to 1TB DRAM Controller cache across 2 controllers.	
31	Wide Striping or equivalent feature	Yes	No change	
32	No of Snapshot Copies Per Volume	255	No change	

33	License for Snapshot included	Yes	No change	
34	Remote Replication (for all the protocols asked in the RFP i.e., FC, iSCSI, NFS.)	Yes	No change	
35	Remote Replication license included	Yes	No change	
36	Synchronized Replication Support	Yes	No change	
37	Synchronous Replication license included	Yes	No change	
38	Asynchronous Replication Support	Yes	No change	
39	Asynchronous Replication license included	Yes	No change	
40	3-DC Zero Data Loss Support	No		
41	Type of Data Compression	NA	Yes, data compression feature require from day one.	
42	Type of Data De duplication	NA	Yes, data De duplication feature require from day one.	

43	No Single point of Failure with Non-Disruptive replacement of Hardware	Yes	No change	
44	The Storage provide Non-disruptive Firmware /Microcode upgrade	Yes	No change	
45	Firmware upgrade without any controller reboot	No	No change	
46	Encryption Required	Yes	No change	
47	Type of Data at Rest Encryption	HW Based/Controller Based/SED based	No change	
48	Storage management software for configuration and multi-pathing (part of the supply)	Yes	No change	
49	Multi-pathing and load balancing and fail over software (part of supply) with license for windows/Linux servers or shall support native multi-pathing of OS.	Yes	No change	
50	Protocols Supported by the storage system from day one	FC, iSCSI, CIFS, NFS, Fiber Channel over Internet	Yes changed to FC and iSCSI.	
51	Operating System Platform	Windows, Linux	No change	

	and Clustering Supported by the Storage from day one			
52	Storage System is compliant with IPv6	Yes	No change	
53	Scope of Supply	It includes installation, commissioning & integration together with all necessary software to make the system fully functional as intended	No change	
54	Comprehensive On Site OEM Supported Warranty	Five Years	No change	

All of the above specifications should be read as equivalent or better / higher side. The vendor may quote equivalent or better / higher specifications and please mention the same in compliance column of above mentioned tables. In case of any query the vendor may contact the IT wing of the High Court. In finalization of specifications' the decision of High Court of Madhya Pradesh, Jabalpur will be final and binding on all.

Note: -

1. If the bidder is quoting all the products in the tender then he has to submit the EMD of Rs.1 Crore and tender fees of Rs.10,000/- and to meet the PQ conditions as per the tender document.
2. If the bidder is quoting the products as per detail given below:-

S. No.	Item Description	Specifications
01	UPS Systems 1000VA (LIU)	Minimum Specification – D
02	UPS Systems 1KVA (ONLINE)	Minimum Specification – E
03	UPS Systems 5 KVA (ONLINE)	Minimum Specification – F
Total Estimated Cost = Rs.7,95,55,967/- of aforementioned items		

Under this the bidder has to submit EMD of Rs.16,00,000/- (Rupees Sixteen Lakh only) and tender fees of Rs.10,000/- and accordingly the PQ condition number 2.15.2 will change accordingly in same ratio. In this the Annual Average Financial turnover of the bidder during last 3 financial years, ending 31st March of financial year i.e. 2023-2024 should be at least Rs. 3.18 Crore.

3. If the bidder is quoting the products as per details given below:-

S. No.	Item Description	Specifications
01	Multifunctional Device (MFD) Machines	Minimum Specification – G
02	Heavy Duty Multifunctional Device (MFD) Machines	Minimum Specification – H
03	High Speed Network Laser Printers with WiFi	Minimum Specification – I
04	Duplex Network Laser Printers with Wi-Fi.	Minimum Specification – J
Total Estimated Cost = Rs.2,54,53,000/- of aforementioned items		

Under this the bidder has to submit the EMD of Rs.5,10,000/- and tender fees of Rs.10,000/- along with the tender document and accordingly the PQ condition number 2.15.2 will change accordingly in same ratio. In this the Annual Average Financial

turnover of the bidder during last 3 financial years, ending 31st March of financial year i.e. 2023-2024 should be at least Rs. 1.02 Crore.

4. If the bidder is quoting the products as per details given below:-

S. No.	Items	Specifications
01	Desktop Computers (Windows Operating System)	Minimum Specification - A
02	Computer System All-in-One with Touch screen (Windows Operating System)	Minimum Specification - B
03	All-in-one-Computers (non-touch)	Minimum Specification – C
04	High End Servers of Reputed Brands	Minimum Specification –K
05	Low End Servers of Reputed Brands	Minimum Specification –L
06	All-in-One Computers (non-touch) under buyback (Table B)	Minimum Specification – C
07	1. Tablet / Touch Screen Panel 2. WACOM Touch Panel of minimum 23” FHD or above or better Model No. DTH 2452G1CX with Pen.	Minimum Specification – M “Minimum Specifications – M-I”
08	Storage NAS 500 TB	Minimum Specification –N
Total Estimated Cost = Rs.38,99,00,000/- of aforementioned items		

Note: - The number of Low End Servers of Reputed Brands has been change to 51 Number.

Under this the bidder has to submit the EMD of Rs.80,00,000/- and tender fees of Rs.10,000/- along with the tender document and accordingly the PQ condition 2.15.2 will change accordingly in same ratio. In this Average Annual Financial turnover of the bidder during last

3 financial years, ending 31st March of financial year i.e. 2023-2024 should be at least Rs. 15.60 Crore.

5. The Bidder can quote the bid on line Item basis.
6. All the pages of the bids and Annexure's are to be sealed and signed by the authorized officers of the company / vendor.
7. The bidder at the time of filling of technical compliance sheet should fill the details as mentioned above in the clarifications (revised tables).
8. The bidder has to quote only 01 product of single make / brand at a time and not multiple brands for same line item.
9. The Original equipment manufacturer (OEM) may authorize more than one partner for participation in the bid.
10. Back-to-Back support letter is to be submitted by OEM regarding support and service of the quoted products.
11. The Registrar General, High Court of Madhya Pradesh have full rights to accept or reject any bid, without assigning any reason thereof.
12. The Registrar General, High Court of Madhya Pradesh have right to alter the scope of work as per the requirement.
13. All Prospective bidders are requested to submit the bid with all relevant documents and product brochures / catalogues in sequenced manner.
14. If any variations in specifications then please mention the same in compliance sheet.

15. The above clarifications / addendum are for all the prospective bidders' for tender reference and necessary action.
16. The submission of hardcopy of EMD (original) is compulsory along with the technical bid.
17. On introduction of new levy / taxes / duties the rate / price of items shall be changed in same proportionate.
18. The EMD to be submitted in the form of demand draft / pay order / FDR / unconditional Bank Guarantee drawn in favour of **“Registrar General, High Court of Madhya Pradesh, Jabalpur”** of any Nationalized / Scheduled bank payable at **Jabalpur. The photocopy of the said EMD is to be attached / enclosed** in the tender portal i.e. www.mptenders.gov.in. The Bid submitted without EMD and/or the application fee shall be summarily rejected. The original EMD is to be submitted along with technical bid, without fail.
19. The UPS system is to be supplied with 05 years onsite warranty and support, but the UPS batteries are to be with 02 years support and warranty. The vendor has to assure the availability of batteries of UPS Systems, after the expiry period of batteries for their quoted UPS.
20. All the UPS systems to be BIS certified.
21. The total price of commercial bid inclusive of all taxes & expenses for 05 (Five) years on-site maintenance & support

shall be taken as the basis for evaluation of commercial bids
In case of any discrepancy in the tax factor, the basic product price shall be taken in to consideration for finalization of bids (except tablets /touch screen panels).

22. All future correspondence/ clarifications/ addendum/ corrigendum shall be available on the website of the High Court of Madhya Pradesh i.e. www.mphc.gov.in and Government e-procurement portal www.mptenders.gov.in.
23. All the pages of the bids and Annexure's are to be sealed and signed by the authorized officers of the company / vendor.
24. All prospective bidders are requested to submit the bid with all relevant documents in sequenced manner, without fail.
25. The decision of the High Court of Madhya Pradesh in selection/finalization of firm/vendor shall be final and no objection in this regard shall be entertained.
26. The delivery and installation time is maximum 60 days to complete the project from date of Purchase Order / Work Order. In case of exceptional circumstances the time extension may be given.
27. **The last date for online tender submission is hereby extended till 15th October, 2024 by 6:00 P.M., hard copy submission is 16th October, 2024 by 5:00 P.M. and technical bid opening on 17th October, 2024 at 11:30 A.M.**

**Sd/-
REGISTRAR GENERAL**