HIGH COURT OF MADHYA PRADESH
JABALPUR

No. Registrar (IT-CSA)/2024/66   Jabalpur, Dated:02.08.2024

CLARIFICATION / REPLY

Sub:-   The matter regarding to publish the clarification / reply of pre-bid meeting dated: 25th July, 2024 of the tender for the Supply, Installation, Commissioning and Maintenance for the setup of Judicial Data Repository (JDR) with reference to tender no. Registrar (IT-CSA)/2024/57, dated: 16-07-2024.

Ref:-   Pre-Bid Meeting dated: 25th July, 2024.

On the basis of queries submitted by the bidders, the detailed clarifications/reply 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 Clarification	Query of the bidder / remarks of the bidder	Reply / clarification to the query /remarks by the High Court
M/s Visual Technologies India Pvt. Ltd., M/s Hewlett Packard & M/s Thoughtsol.				
1	24	Computer Server for Application and DB loads Minimum 2 x 10Gbps Ethernet Ports with through onboard or addon Controller	Clarification requested Request to kindly confirm the 10G port type. Is it Copper or Optical.	Copper or better.
2	25	AI, ML, Data Analytics Load Minimum 1 x Intel® Xeon® Gold Series	Clarification requested We understand that with this type of	Yes changed. Rest as per the tender document.

		5th Generation or AMD EPYC (9004 series) 5th Generation Processor or equivalent or better. Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32 Physical Cores per processor, 64 Threads or Better. Minimum 2 socket.	server 2 x 32 core socket has to be provided with the server. Kindly confirm on our understanding.	
3	25	AI, ML, Data Analytics Load 1. Specrate2017_fp _base >200 2. Specrate2017_int _base >200 Benchmark Report must be attached with the bid.	1. Specrate2017_fp _base >540 2. Specrate2017_int _base >710 Benchmark Report must be attached with the bid. Mentioned spec becnhmarks are very incorrect as per required processor. Request to kindly udpate the values.	No Change. The vendor can quote higher side for better specification.
4	25	AI, ML, Data Analytics Load 4 x 1920GB or higher Enterprise M.2 Nvme SSD Drives installed from day one.	4 x 1920GB or higher Enterprise Nvme SSD Drives installed from day one. A maximum of 2x M.2 NVMe SSD's can be offered with all server OEM's. Request to kindly update to NVMe SSD requirement for participation.	4 x 1920GB or higher Enterprise Nvme SSD Drives installed from day one. Bidders are free to bid U.2 or EDSF form factors which capable to

				populate 4 drives.
5	26	AI, ML, Data Analytics Load Minimum 2 x 10Gbps Ethernet Ports with through onboard or addon Controller	Clarification requested Request to kindly confirm the 10G port type. Is it Copper or Optical.	Copper or better.
6	26	AI, ML, Data Analytics Load System must support Four such GPUs from day one OR at least 4 double width or lesser width based GPUs with required expansion slots and optimum power supplies	System must support two such GPUs from day one OR lesser width based GPUs with required expansion slots and optimum power supplies 4* DW GPU's can be only offered by purpose build GPU servers. Request to kindly update this point for wider participation.	No change.
7	26	Server Utilities and Warranty (common for sr. no. 1 & 2) Monitoring of cooling sub system of server through metering utility, with speed control, and PWM.	Monitoring of cooling sub system of server through using speed control and Dynamic Power capping. PWM is OEM & Metering Utility is not offered by all Major Server OEM's. Request to kindly generalize this point for wider participation.	No change.
8	27	Server Utilities and Warranty (common	Real-time power meter, graphing,	Real-time power meter,

		for sr. no. 1 & 2) Real-time power meter, graphing, thresholds, alerts & capping with historical log data. Temperature monitoring vide indicators.	thresholds, alerts & capping with historical log data. Different Server Models has different architecture, Temperature Monitoring is ideally achieved by the alerts using the Management GUI's rather than LED's placed on the server.	graphing, thresholds, alerts & capping with historical log data. monitoring of temperature through alerts or vide indicators.
9	27	Data Centre Components Perpetual & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0	Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0 Vmware Hypervisor is available in Subscription pricing model. Kindly update this point.	1)Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0. **OR** Perpetual & Subscription-based, latest version of Virtualizatio n Software to

				run unlimited VMs, including but not limited to, monitoring and management for Virtualized environments.
				2) Bidders should supply the technical resource, to be resided at High Court of M.P., Jabalpur for a period of 6 months to support the implementation and maintenance of day-to-day operations as well as trainings and handholding for the users/ staff.
M/s VSN International Pvt. Ltd. & M/s Dell Technologies.				
10	4.8 TIME	**4.8.1** The successful bidder shall complete	As per the clause OEM needs more	No change.

	SCHEDULE TO COMPLETE THE CONTRACT:- Page no.15	the assignment within 60 days from the date of issue of Letter of Acceptance /Letter of Intent/Work or Purchase Order.	time to deliver the GPU based servers. We would request to extend the Delivery time from **60 to 90 days**.	
11	SPECIFICATION- "A" S.No.1 - Computer Server for Application and DB loads, Page No.24	**Processor(s):** Minimum 2 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 5th Generation Processor or equivalent or better 12 Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32 Physical Cores per processor (= 64 Cores for 2 processors), 64 Threads (=128 threads for 2 processors)or Better	The mentioned AMD EPYC 9004 series is a 4th generation processor but, you have mentioned it as 5th generation processor. We would request to correct the generation of **AMD EPYC 9004 series as 4th generation processor.**	Processor(s): Minimum 2 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 4th Generation Processor or equivalent or better 12 Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32 Physical Cores per processor (= 64 Cores for 2 processors), 64 Threads (=128 threads for 2

				processors)or Better.
12	SPECIFICATION-"A" S.No.1 - Computer Server for Application and DB loads, Page No.24	**Processor(s):** Minimum 2 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 5th Generation Processor or equivalent or better 12 Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32 Physical Cores per processor (= 64 Cores for 2 processors), 64 Threads (=128 threads for 2 processors)or Better	The mentioned Turbo Frequency of 4 Ghz does not comply with AMD processor. We would request to change the turbo frequency to **3.9 GHz or more** in order to comply with AMD processor.	No change.
13	SPECIFICATION-"A" S.No.1 - Computer Server for Application and DB loads, Page No.24	**NVMe Support:** At least Five or more drive /Slots must have native support for NVMe drives.	**Justification:-** 5 number of NVMe drives are requested as preloaded from day 1. Hence, there should be additional slots available for expanding more NVMe drives in future if required. The NVMe drives is the future for all internal storage Hence, having more slots of Nvme will not make your product end of life. We would request	"NVMe Support: At least Eight or more drive /Slots must have native support for NVMe drives."

			you to amend the clause to "**NVMe Support: At least Eight or more drive /Slots must have native support for NVMe drives.**"	
14	SPECIFICATION-"A" S.No.1 - Computer Server for Application and DB loads, Page No.24	**RAID Controller:** RAID Controller SAS/SATA/NVME 12Gbps with minimum 4GB Cache and Supports RAID levels 0, 1 ,5,6,10	The support of Multiple RAID groups should be there and **8 GB NV cache** gives better performance on RAID controller. Hence, request to amend the clause accordingly. We would request to amend the clause to "**RAID Controller: RAID Controller SAS/SATA/NVME 12Gbps with minimum 8GB Cache and Supports RAID levels 0, 1 ,5, 6,10, 50, 60.**"	"RAID Controller: RAID Controller SAS/SATA/ NVME 12Gbps with minimum 8GB Cache and Supports RAID levels 0, 1 ,5, 6,10."
15	SPECIFICATION-"A" S.No.1 - Computer Server for Applica	**Form Factor:** Maximum 5U/Tower (including all units) rack mounted with sliding rails	Tower servers would consume more space , Power and cooling which will result in increasing the overall TCO of project. Hence, we request to remove Tower server and the required	"Form Factor: Maximum 2U Rack server (including all units) rack mounted with sliding rails/ chassis."

	tion and DB loads, Page No.24		specifications can be available in the 2U rack server which will save space & power in the rack. We would request to amend the clause to **"Form Factor: Maximum 2U Rack server (including all units) rack mounted with sliding rails"**	
16	SPECI FICATI ON- "A" S.No.1 - Comput er Server for Applica tion and DB loads, Page No.24	**I/O slots:** Minimum 5 × PCIe 5.0 slots including x16 & x8 bandwidth based slots OR Better	As the asked specifications are OEM proprietary specifications We would request you to amend the clause to **"I/O slots: Minimum 5 X PCI4/5 slots including x16 & x8 bandwidth based slots OR Better."**	"I/O slots: Minimum 5 X PCI 4/5 slots including x16 & x8 bandwidth based slots OR Better."
17	SPECI FICATI ON- "A" S.No.2 - AI, ML, Data Analyti cs Load,	**Processor(s):** Minimum 1 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 5th Generation Processor or equivalent or better. 2 Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo	The mentioned AMD EPYC 9004 series is a 4th generation processor but, you have mentioned it as 5th generation processor. We would request to correct the generation of **AMD**	Processor(s): Minimum 1 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 4th Generation Processor or

	Page No.25	Frequency 4 Ghz or better 32Physical Cores per processor, 64 Threads or Better. Minimum 2socket.	**EPYC 9004 series as 4th generation processor.**	equivalent or better. 2 Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32Physical Cores per processor, 64 Threads or Better. Minimum 2socket.
18	SPECIFICATION-"A" S.No.2 - AI, ML, Data Analytics Load, Page No.25	**Processor(s):** Minimum 1 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 5th Generation Processor or equivalent or better. 2 Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32Physical Cores per processor, 64 Threads or Better. Minimum 2socket.	The mentioned Turbo Frequency of 4 Ghz does not comply with AMD processor. We would request to change the turbo frequency to **3.9 GHz** or more in order to comply with AMD processor.	No change.
19	SPECIFICATION-"A" S.No.2 - AI, ML,	**NVMe Support:** At least Five or more drive /Slots must have native support for NVMe drives.	**Justification:-** 5 number of NVMe drives are requested as preloaded from day 1. Hence, there should be additional slots available for	"NVMe Support: At least Eight or more drive /Slots must have native support for

	Data Analytics Load, Page No.25		expanding more NVMe drives in future if required. The NVMe drives is the future for all internal storage Hence, having more slots of Nvme will not make your product end of life. We would request you to amend the clause to **"NVMe Support: At least Eight or more drive /Slots must have native support for NVMe drives."**	NVMe drives."
20	SPECIFICATION-"A" S.No.2 - AI, ML, Data Analytics Load, Page No.25	**SSD:** 4 x 1920GB or higher Enterprise M.2 Nvme SSD Drives installed from day one.	This seems like a typographical error M.2 drive is not available on 1.92 TB NVMe drive.	4 x 1920GB or higher Enterprise Nvme SSD Drives installed from day one. Bidders are free to bid U.2 or EDSF form factors which capable to populate 4 drives.
21	SPECIFICATION-"A" S.No.2	**RAID Controller:** RAID Controller SAS/SATA/NVME 12Gbps with minimum 4GB Cache	Would request to change the clause as RAID Controller SAS/SATA/NVME 12Gbps with	"RAID Controller: RAID Controller SAS/SATA/

	- AI, ML, Data Analytics Load, Page No.25	and Supports RAID levels 0, 1 ,5,6,10	minimum **8GB Cache** and Supports RAID levels 0, 1 ,5,6,10, 50,60 . The support of Multiple RAID groups should be there and 8 GB NV cache on RAID controller gives better performance hence request to amend the clause accordingly.	NVME 12Gbps with minimum 8GB Cache and Supports RAID levels 0, 1 ,5, 6,10."
22	SPECIFICATION-"A" S.No.2 - AI, ML, Data Analytics Load, Page No.26	**Form Factor:** Maximum 5U/Tower (including all units) rack mounted with sliding rails.	Tower servers would consume more space, Power and cooling which will result in increasing the overall TCO of project. Hence, we request to remove Tower server and the required specifications can be available in the 2U rack server which will save space & power in the rack. We would request to ammned the clause to **"Form Factor: Maximum 2U Rack server (including all units) rack mounted with sliding rails"**	"Form Factor: Maximum 2U Rack server (including all units) rack mounted with sliding rails/ chassis."
23	SPECIFICATI ON	**I/O slots:** Minimum 7 × PCIe 5.0 slots	As the asked specifications are	"Minimum 7 × PCI 4/5

	ON-"A" S.No.2 - AI, ML, Data Analytics Load, Page No.26	including x16 & x8 bandwidth based slots OR Better	OEM proprietary specifications We would request you to amend the clause to **"Minimum 7 × PCI4/5 slots including x16 & x8 bandwidth based slots OR Better."**	slots including x16 & x8 bandwidth based slots OR Better."
24	SPECIFICATION-"A" S.No.2 - AI, ML, Data Analytics Load, Page No.26	**GPU Support:** System must support Four such GPUs from day one OR at least 4 double width or lesser width based GPUs with required expansion slots and optimum power supplies.	Clarity required on how many GPU support is required with Single Width or Double width GPU cards.	No change.
25	SPECIFICATION-"A" S.No.3 - Data Centre Components, Page no.27	**Virtualization Suite:** Perpetual & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0	Most of the OEMs offering the Virtualization Software have Subscription-based offering and hence we request for the amendment for the better participation. Kindly amend the clause to **"Perpetual / Subscription-based & latest version of Virtualization Software"**	1)Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and

				manage upto 256 VMs and vcenter 8.0.
				OR Perpetual & Subscription-based, latest version of Virtualization Software to run unlimited VMs, including but not limited to, monitoring and management for Virtualized environments.
				2) Bidders should supply the technical resource, to be resided at High Court of M.P., Jabalpur for a period of 6 months to support the implementation and maintenance

				of day-to-day operations as well as trainings and handholding for the users/ staff.
26	SPECIFICATION-"A" S.No.3 - Data Centre Components, Page no.27	**Virtualization Suite:** Perpetual & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0	This feature set is favoring a particular OEM and hence we request for the amendment for the wider participation from other OEMs Kindly amend the clause to **"Virtualization software should be offered with various features like Live Migration, High Availability, Resource Scheduling, etc"**	**1)**Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0. **OR** Perpetual & Subscription-based, latest version of Virtualization Software to run unlimited VMs, including but not limited

				to, monitoring and management for Virtualized environments. **2)** Bidders should supply the technical resource, to be resided at High Court of M.P., Jabalpur for a period of 6 months to support the implementation and maintenance of day-to-day operations as well as trainings and handholding for the users/ staff.
27	SPECI FICATI ON- "A" S.No.3 - Data Centre Compo	**Virtualization Suite:** Perpetual & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS,	This feature set is favouring a particular OEM and hence we request for the amendment for the wider participation from other OEMs	1)Subscriptio n & latest version of VM Ware VSphere software license with including

nents, Page no.27	and HA. Must support and manage upto 256 VMs and vcenter 8.0	Kindly amend the clause to **"Must support and manage any number of VMs running on deployed infrastructure."**	ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0.
			OR
			Perpetual & Subscription-based, latest version of Virtualization Software to run unlimited VMs, including but not limited to, monitoring and management for Virtualized environments.
			2) Bidders should supply the technical resource, to be resided at High Court

				of M.P., Jabalpur for a period of 6 months to support the implementation and maintenance of day-to-day operations as well as trainings and handholding for the users/ staff.
28	SPECIFICATION-"A" S.No.3 - Data Centre Components, Page no.27	**Virtualization Suite:** Perpetual & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0	This feature set is favoring a particular OEM and hence we request for the amendment for the wider participation from other OEMs. Kindly amend the clause to **"Monitoring and Management for the virtualization solution should be included with the platform."**	**1)**Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0. **OR** Perpetual & Subscription-based, latest

				version of Virtualization Software to run unlimited VMs, including but not limited to, monitoring and management for Virtualized environments. **2)** Bidders should supply the technical resource, to be resided at High Court of M.P., Jabalpur for a period of 6 months to support the implementation and maintenance of day-to-day operations as well as trainings and handholding for the users/ staff.

29	SPECIFICATION-"A" S.No.4 - Postgres and software auditing management tools, Page no.27	**Replication, Load Balancing, Migration:** Should be perpetual licenses with all features of management of postgres enterprise databases for DC and DR like Quest or equivalent.	Nowadays most of the OEM's offering subscription based software having subscription based offering. We would request to amend the clause to **"Replication, Load Balancing, Migration: Should be perpetual/Subscription-based licenses with all features of management of postgres enterprise databases for DC and DR like Quest or equivalent."**	"Replication, Load Balancing, Migration: Should be perpetual/Subscription-based licenses with all features of management of postgres enterprise databases for DC and DR like Quest or equivalent."
30	Additional Point Market position		The OEM for the proposed server must be in Leaders quadrant in the last two Gartner's report of "Magic Quadrant for Modular Servers" & should have been one of the top three server vendors (by market share revenue in IDC or Gartner report) in any of the previous 2 quarters	The OEM for the proposed server must be in Leaders quadrant in the last two Gartner's report of "Magic Quadrant for Modular Servers" & should have been one of the top three server vendors (by market share revenue in

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				IDC or Gartner report) in any of the previous 2 quarters
31	Additional Point Server security		Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks Should protect against firmware which executes before the OS boots Should provide effective protection, reliable detection & rapid recovery using: -Silicon-based Hardware Root of Trust -Signed firmware updates -Secure default passwords -Configuration and firmware drift detection -Persistent event logging including user activity -Secure alerting -Automatic BIOS recovery -Rapid OS recovery -System erase	The vendor should follow the cyber security guidelines issued by Government of India on time to time.

			-Dynamically enabled USB ports	
32	Additional Point Configuration & management		• Real-time out-of-band hardware performance monitoring & alerting •Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory •Zero-touch auto configuration to auto deploy a baseline server configuration profile •Telemetry Streaming • Idle Server Detection •Real-time power meter, temperature monitoring, customized exhaust temperature and System Airflow Consumption	No change
	M/s BK Network Services Private Limited			

33	7, 2, 2.16.1	Average Annual Financial Turnover of the Bidder during last 3 financial year, ending 31st March of the Financial Year i.e 2020- 2021, 2021-2022, 2022-2023 should be at least Rs 5 Crore.	Average Annual Financial Turnover of the Bidder during last 3 financial year, ending 31st March of the Financial Year i.e 2021-2022,2022-2023,2023-2024 should be at least Rs 5 crore. Last 3 financial year will 2021-2022,2022-2023,2023-2024. Request you to change.	Average Annual Financial Turnover of the Bidder during last 3 financial year, ending 31st March of the Financial Year i.e 2021-2022,2022-2023,2023-2024 should be at least Rs 5 crore. The provisional certificate/ balance sheet of financial year 2023-2024 may be accepted.
34	7, 2, 2.16.1	Average Annual Financial Turnover of the Bidder during last 3 financial year ,ending 31st March of the Financial Year i.e 2020- 2021, 2021-2022,2022-2023 should be at least Rs 5 Crore	Average Annual Financial Turnover of the Bidder during last 3 financial year ,ending 31st March of the Financial Year i.e 2021-2022,2022-2023,2023-2024 should be at least Rs 3 crore Request you to change	Average Annual Financial Turnover of the Bidder during last 3 financial year, ending 31st March of the Financial Year i.e 2021-2022,2022-2023,2023-

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				2024 should be at least Rs 5 crore. The provisional certificate/ balance sheet of financial year 2023-2024 may be accepted.
35	7, 2, 2.16.2	The vendor should have minimum 05 years of experience in Experience in Supply, Installation, commissioning, Maintenance of Servers, NAS and SAN Storage, Server virtualization tools etc. duringlast 5 years ending last day of month previous to the month of publication of this tender,	The vendor should have minimum 05 years of experience in Experience in Supply, Installation, commissioning, Maintenance of Laptop Desktop, Workstation, UPS Servers, NAS and SAN Storage, Server virtualization tools etc. during last 5 years ending last day of month previous to the month of publication of this tender, Request you to change	The vendor should have minimum 05 years of experience in Experience in Supply, Installation, commissioni ng, Maintenance of Laptop Desktop, Workstation, Servers, NAS and SAN Storage, Server virtualization tools etc. during last 5 years ending last day of month previous to the month of publication of this

				tender.
36	8, 2	Similar Works Means Experience in Supply, Installation, commissioning, Maintenance of Servers, NAS and SAN Storage, Server virtualization tools etc.	Experience in Supply, Installation, commissioning, Maintenance of Laptop Desktop, Workstation, UPS Servers, NAS and SAN Storage, Server virtualization tools etc. Request you to change	Experience in Supply, Installation, commissioning, Maintenance of Laptop Desktop, Workstation, Servers, NAS and SAN Storage, Server virtualization tools etc.
37	13, 4, 4.2.1	The Successful Bidder will be required to furnish performance guarantee in the form of unconditional Bank Guarantee issued by a Nationalized / Scheduled Bank in India equivalent to 3% of the Contract Value valid for a period of 60 months within 30 days from the date of issue of Letter of Award / acceptance.	The Successful Bidder will be required to furnish performance guarantee in the form of unconditional Bank Guarantee issued by a Nationalized / Scheduled Bank in India equivalent to 2% of the Contract Value valid for a period of 60 months within 30 days from the date of issue of Letter of Award/ acceptance. Request you to change	No Change.
38	24, 7	Specification A Computer Server for Application and DB	Clarification requested Request to kindly	Copper or better.

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		loads Minimum 2 x 10Gbps Ethernet Ports with through onboard or add-on Controller	confirm the 10G port type. Is it Copper or Optical.?	
39	25, 7	Specification A AI, ML, Data Analytics Load Minimum 1 x Intel® Xeon® Gold Series 5th Generation or AMD EPYC (9004 series) 5th Generation Processor Or equivalent or better. Cache 60 MB Cache, Base Frequency 2 Ghz or more, Turbo Frequency 4 Ghz or better 32Physical Cores per processor, 64 Threads or Better. Minimum 2socket.	Clarification requested Request to kindly confirm the 10G port type. Is it Copper or Optical.?	Copper or better.
40	25, 7	Specification A AI, ML, Data Analytics Load 1.Specrate2017_fp_base >200 2.Specrate2017_int_base >200 Benchmark Report must be attached with the bid.	1.Specrate2017_fp_base >540 2.Specrate2017_int_base >710 Benchmark Report must be attached with the bid. Mentioned spec becnhmarks are very incorrect as per required processor. Request to kindly udpate the values.	No change.

41	25, 7	Specification A AI, ML, Data Analytics Load 4 x 1920GB or higher Enterprise M.2 Nvme SSD Drives installed from day one.	4 x 1920GB or higher Enterprise Nvme SSD Drives installed from day one. A maximum of 2x M.2 NVMe SSD's can be offered with all server OEM's. Request to kindly update to NVMe SSD requirement for participation.	4 x 1920GB or higher Enterprise Nvme SSD Drives installed from day one. Bidders are free to bid U.2 or EDSF form factors which capable to populate 4 drives.
42	26, 7	Specification A AI, ML, Data Analytics Load Minimum 2 x 10Gbps Ethernet Ports with through onboard or add-on Controller	Clarification requested Request to kindly confirm the 10G port type. Is it Copper or Optical.	Copper or better.
43	26, 7	Specification A AI, ML, Data Analytics Load System must support Four such GPUs from day one OR at least 4 double width or lesser width based GPUs with required expansion slots and optimum power supplies	System must support two such GPUs from day one OR lesser width based GPUs with required expansion slots and optimum power supplies 4* DW GPU's can be only offered by purpose build GPU servers. Request to kindly update this point for wider participation.	No change.
44	26, 7	Specification A Server Utilities and	Monitoring of cooling sub system	No change.

		Warranty (common for sr. no. 1 & 2) Monitoring of cooling sub system of server through metering utility, with speed control, and PWM.	of server through using speed control and Dynamic Power capping. PWM is OEM & Metering Utility is not offered by all Major Server OEM's. Request to kindly generalize this point for wider participation.	
45	26, 7	Specification A Server Utilities and Warranty (common for sr. no. 1 & 2) Real-time power meter, graphing, thresholds, alerts & capping with historical log data. Temperature monitoring vide indicators	Real-time power meter, graphing, thresholds, alerts & capping with historical log data. Different Serve Models has different architecture, Temperature Monitoring is ideally achieved by the alerts using the Management GUI's rather than LED's placed on the sever.	Real-time power meter, graphing, thresholds, alerts & capping with historical log data. monitoring of temperature through alerts or vide indicators.
46	27, 7	Specification A Data Centre Components Perpetual & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS,	Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto	1)Subscription & latest version of VM Ware VSphere software license with including ESXi (the hypervisor)

		and HA. Must support and manage upto 256 VMs and vcenter 8.0	256 VMs and vcenter 8.0 Vmware Hypervisor is available in Subscription pricing model. Kindly update this point.	and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0. **OR** Perpetual & Subscription-based, latest version of Virtualization Software to run unlimited VMs, including but not limited to, monitoring and management for Virtualized environments. **2)** Bidders should supply the technical resource, to be resided at High Court of M.P., Jabalpur for

				a period of 6 months to support the implementation and maintenance of day-to-day operations as well as trainings and handholding for the users/ staff.
M/s Veltronics India Pvt. Ltd.				
47	Sr. No. 1 Computer Server for Application and DB loads	Form Factor Maximum 5U/Tower (including all units) rack mounted with sliding rails	Please clarify. 1 Rack Server comes minimum with 1U/2U/4U/5U and as per requirement you have requested for 12 Servers which make up atleast 12U or higher.	"Form Factor: Maximum 2U Rack server (including all units) rack mounted with sliding rails/ chassis."
48	Sr. No. 1 Computer Server for Application and DB loads	Cooling Subsystem Monitoring of cooling sub system of server through metering utility, with speed control, and PWM.	Proprietary of specific OEM, request to remove this point. Server management software can monitor server parameters only.	No change.
49	Sr. No. 2 AI, ML,	Performance Benchmark 1. Specrate2017_fp_bas	Request to increase the performance benchmark 1.Specrate2017_fp_	No change.

	Data Analytics Load	e >200 2. Specrate2017_int_bas e >200 Benchmark Report must be attached with the bid.	base >700 2.Specrate2017_int_ base >500	
50	Sr. No. 2 AI, ML, Data Analytics Load	Form Factor Maximum 5U/Tower (including all units) rack mounted with sliding rails	Please clarify. 1 Rack Server comes minimum with 1U/2U/4U/5U and as per requirement you have requested for 12 Servers which make up atleast 12U or higher.	"Form Factor: Maximum 2U Rack server (including all units) rack mounted with sliding rails/ chassis."
51	Sr. No. 2 AI, ML, Data Analytics Load	GPU Minimum 2 x Nvidia L40, 48GB or Better	Please suggest, can we purpose 2 x NVIDIA L40s card	No change.
52	Sr. No. 2 AI, ML, Data Analytics Load	Cooling Subsystem Monitoring of cooling sub system of server through metering utility, with speed control, and PWM.	Proprietary of specific OEM, request to remove this point. Server management software can monitor server parameters only.	No change.
53	S. No. 3 Data Centre Compo nents	Virtualization Suite Perpetual & latest version of VM Ware VSphere software license with including	As per latest VMware license policy, they offer Subscription based licenses Core/GB	1)Subscriptio n & latest version of VM Ware VSphere

		ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0	only. Please suggest	software license with including ESXi (the hypervisor) and various features like vMotion, DRS, and HA. Must support and manage upto 256 VMs and vcenter 8.0. **OR** Perpetual & Subscription-based, latest version of Virtualization Software to run unlimited VMs, including but not limited to, monitoring and management for Virtualized environments. **2)** Bidders should supply the technical

				resource, to be resided at High Court of M.P., Jabalpur for a period of 6 months to support the implementation and maintenance of day-to-day operations as well as trainings and handholding for the users/ staff.
54	2.16.2	(ii) The vendor should have minimum 05 years of experience in Experience in Supply, Installation, commissioning, Maintenance of Servers, NAS and SAN Storage, Server virtualization tools etc. during last 5 years ending last day of month previous to the month of publication of this tender, should be either of the following: -	Request you to change as per below- 2.16.2 (ii) The vendor should have minimum 05 years of experience in Experience in Supply, Installation, commissioning, Maintenance of Servers, NAS and SAN Storage, Server virtualization tools etc including IT Products during last 5 years ending last day of month previous to the month of publication of this	The vendor should have minimum 05 years of experience in Experience in Supply, Installation, commissioning, Maintenance of Laptop Desktop, Workstation, Servers, NAS and SAN Storage, Server virtualization tools etc.

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			tender, should be either of the following: -	during last 5 years ending last day of month previous to the month of publication of this tender.

Note:-

1. The bidder has to include the manpower cost as mentioned in the clarification in the same price bid sheet.

2. The bidder can quote higher or equivalent specifications. The specifications mentioned are minimum in the bid document.

3. The High Court of Madhya Pradesh shall have full rights to accept or reject any bid or all bids, without assigning any reason thereof.

4. The above clarifications / reply to query for all prospective bidders' for this tender reference.

5. 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.

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. All prospective bidders are requested to submit the bid with all relevant documents in sequenced manner, without fail.

8. The decision of the High Court in selection/ finalization of successful Firm/Vendor shall be final and no objection in this regard shall be entertained.

Sd/-

REGISTRAR GENERAL