

S. No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause/ Corrigendum - 1	Bidder Query	BRPL Replies
12			B4HANA Production DB (6TB Scalable to 12 TB)	CPU: Intel Xeon-Platinum 8280HL 2.7GHz 28-core 205W Processor OR Intel Xeon-Platinum 8380HL 2.9GHz 28-core 250W Processor or latest CPU Sizing –as per SAP HANA Server performance requirement mentioned Above as in specifications	Request the same to be amended as Intel Xeon Platinum 8280/L or 8380HL	Read it as 8276 or 8280 or 8380 processes, Memory should be DDR4 2933 MHz or better
14	Technical	68	B4HANA QA DB	4 x Intel Xeon-Gold 6348H (2.3GHz/24-core/165W) Processor or Latest	Request the same to be amended as Intel Xeon Platinum 6252 or 6348H. Offered server should be scalable upto 8 processors or higher.	Min Intel Xeon Gold scalable 3rd or 4th gen CPU to support 3 TB HANA memory or Better or equivalent
18	Technical	70	4. Frame work of Testing and acceptance:	Load Testing by populating additional VM for stress test: A complete load & Stress test should be done by Solution Integrator.	Please remove this clause	Bidder need to submit SAP load testing certification for offered hardware
	Technical		As per SAP certified guideline for 12 TB support of HANA memory. (6 TB expandable to 12 TB)	Please see the link below comparing 2nd and 3rd Gen Processors. https://ark.intel.com/content/www/us/en/ark/compare.html?productids=205684,212287,204087,192478,192472 Basis this, 3200 Mhz can only be complied with 3rd Gen processors. This is supported only by HPE and NO OTHER VENDOR. In the Prebid meeting, it was agreed that BSES will accept 8280 or 8280L processors, however, the corrigendum does not reflect this understanding. Request pls consider this to make sure of comprehensive participation by other vendors		Memory should be DDR4 2933 MHz or better
	Technical					
	Technical					
	Technical					
	Technical					
	Technical					
	Technical					
	Technical		10 G Fiber	In the prebid, it was confirmed to be 10 base T + 32 fibre Pls confirm what about the transceiver / Twinax or LC-LC Please also confirm who will provide the Cables		Transceiver at switch end is LC type. Fiber Cables will be provided by BRPL
	Technical		Unified Storage	As per SAP requirements, Unified storage is not required. Could you please elaborate, what is the technical reason for changing this requirement from SAN to Unified. This will again limit the participation by a select Vendor only.		Read as "SAN/Unified Storage"
	Technical			OK for change (128 GB cache per controller)		
	Technical		SSD SAS . Storage should be provided with min 1 lakhs IOPS	Some clauses are mentioned with minimum 1 lac IOPS and 1.5 Lac IOPS, please clarify	Storage offered should be with min 1.5 lakhs IOPS.	Storage offered should be with min 1.5 lakhs IOPS.
	Technical			As all the OEMs provide 24 hard-disk chassis, it is advisable to make 22+2 rather than 24+2 to make it more commercially / technically viable. Request please confirm	Total hard disk required in Storage is 31x7.68 TB SAS SSD and should support min dual drive failure	Total hard disk required in Storage is 31x7.68 TB SAS SSD or better and should support min dual drive failure.
	Technical		Changed to Unified Storage	BSES had initially released the RFP for Block storage only and in the amendment BSES has changed to unified Storage. In any SAP HANA environment the customer consider Block Storage and it is also certified by SAP best practices. Hence request to change to Block storage .	Read as "SAN/Unified Storage"	Read as "SAN/Unified Storage"
	Technical			As per Corrigendum at some points BSES has asked for minimum 1 lac IOPS and in some points 1.5 lacs IOPS, please clarify	Storage offered should be with min 1.5 lakhs IOPS.	Storage offered should be with min 1.5 lakhs IOPS.
				Extension of Tender	Extend the bid for 7 Working Days	As per Corrigendum - II
	Technical		B4HANA Production DB (6TB Scalable to 12 TB)			
	Technical	Bw4 HANA	B4HANA Production DB (6TB Scalable to 12 TB) 1 CPU: Intel Xeon-Platinum 8280HL 2.7GHz 28-core 205W Processor OR Intel Xeon-Platinum 8380HL 2.9GHz 28-core 250W Processor or latest CPU Sizing –as per SAP HANA Server performance requirement mentioned Above as in specifications	As per SAP certified guideline for 12 TB support of HANA memory. (6 TB expandable to 12 TB) Intel Xeon Platinum 8276 , Intel Xeon-Platinum 8280HL 2.7GHz 28-core 205W Processor OR Intel Xeon-Platinum 8380HL 2.9GHz 28-core 250W Processor or latest CPU Sizing –as per SAP HANA Server performance requirement mentioned Above as in specifications. SAP certified Cascade or latest CPU for B4HANA work load	The processor Supports 3200 MHz DDR4 Memory. However intel 8276 processor will operate only at 2933MHz. Please clarify	Changed as "Memory should support DDR4 2933MHz or better"
	Technical			CPU to be suggested which support 3200 Mhz memory or latest	https://www.intel.com/content/www/us/en/products/sku/192470/intel-xeon-platinum-8276-processor-38-5m-cache-2-20-ghz/specifications.html	

S. No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause/ Corrigendum - 1	Bidder Query	BRPL Replies
	Technical		NW :- 2X Dual Port 10G base T, 4 Port 1G, 2X Dual Port 32G Fiber HBA	10 G Fiber	In the prebid, it was confirmed to be 10 base T + 32 fibre	2X Dual Port 10G Fiber, 4 Port 1G copper, 2X Dual Port 32G Fiber HBA
	Technical				Pls confirm what about the transceiver / Twinax or LC-LC	Transceiver at 10G switch end is LC type.
	Technical				Pls also confirm who will provide the Cables	Fiber cables will be provided by BRPL
	Technical	B4HANA Dev DB ICE LAKE	CPU : 2 xIntel Xeon-Gold 5320 2.2GHz 26-core 185W Processor or latest		The processor Supports 3200 MHz DDR4 Memory. However intel 5320 processor will operate only at 2933MHz	Read as "Memory should support DDR4 2933MHz or better"
	Technical		Memory :- 1.5TB, DDR4 3200 MHz or latest		https://ark.intel.com/content/www/us/en/ark/products/215285/intel-xeon-gold-5320-processor-39m-cache-2-20-ghz.html	
	Technical	B4HANA Application Tier & NLS : Ice Lake	CPU : 2X Intel Xeon-Gold 5320 2.2GHz 26-core 185W Processor or latest		The processor Supports 3200 MHz DDR4 Memory. However intel 5320 processor will operate only at 2933MHz	Read as "Memory should support DDR4 2933MHz or better"
	Technical		Memory :- 512GB, DDR4 3200 MHz or latest		https://ark.intel.com/content/www/us/en/ark/products/215285/intel-xeon-gold-5320-processor-39m-cache-2-20-ghz.html	
	Technical		Minimum Host Ports = 8 (32Gbps fiber HBA)	4 port per controller	As per corrigendum, Unified storage is demanded however only FC ports are demanded	It is SAN/Unified Storage along with 4x32G FC HBA ports per controller
	Technical				Please confirm the actual requirement	4x32G FC HBA ports per controller
	Technical		Drives – 24 X 7.68 TB SSD or Latest TB SSD (in RAID-5/6) or latest	SSD SAS . Storage should be provided with min 1 lakhs IOPS	Please confirm if 15.36TB drives can be configured provided 1 Lac IOPS criteria is met.	Drives should be 31x7.68 TB SAS SSD. Min IOPS required is 1.5 lakhs
	Technical					Storage offered should be with min 1.5 lakhs IOPS.
	Technical				Also confirm if NVME SSD drives can also be quoted as they are much faster than the asked SAS SSD	Yes bidder can provide NVMe, Min requirement is SAS SSD or better
	Technical		Software features: All licenses bundled including snapshot, replication, encryption, deduplication etc	All licenses bundled including Tamper-proof snapshot or equivalent mechanism to provide protection from Ransomware attacks, replication, encryption, deduplication,Tamper-proof Snapshots etc	Ransomware protection on Unified storage with SAS SSD drives only is supported by single OEM.	Ransomware protection is required on offered storage
	Technical				Request you to please remove the ransomware protection clause	No change
	Commercial	5	2	The bidder must provide proof of having solvency of an amount equal to Rs. 3.50 Crore (Rs. Three Crores and Fifty Lacs) from any nationalized/ scheduled commercial bank.	Since we are already giving EMD / PBG so we would request to give exception on this, We are Qualifying on Over all Turn Over, Or Can you Please reduce the value to INR 1.25CR	As per Corrigendum - II
	Technical	68	B4HANA QA DB	4 x Intel Xeon-Gold 6348H (2.3GHz/24-core/165W) Processor or Latest	Request the same to be amended as Intel Xeon Platinum 6252 or 6348H. Offered server should be scalable upto 8 processors of higher.	Min Intel Xeon Gold scalable 3rd or 4th gen CPU to support 3 TB HANA memory or Better or equivalent.
					This is biased towards only one Hardware vendor and other reputed OEMS will fail to qualify. The suggested change will degrade the specs in any manner	
				Extension of Tender	Since we had a very short time after the corrigendum and there are ensuing Rakhi holidays, request you to extend the tender submission by 10 days.	As per Corrigendum - II
				Extension of Tender	Extend the bid for 7-10 Working Days	As per Corrigendum - II
				Extension of Tender	Extend the bid for 7 Working Days	As per Corrigendum - II

S. No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause/ Corrigendum - 1	Bidder Query	BRPL Replies
	MAF FORMAT	50	MAF FORMAT	<p>Clause 2: We undertake that the backup software of _____(OEM Name) proposed in this tender is compatible with our backup & archival appliance/storage (Valid for Appliance/ Storage OEM only).</p> <p>Clause 3: We undertake that the backup & archival appliance/storage of _____(OEM Name) proposed in this tender is compatible with our backup & archival software(Valid for Backup & Archival software OEM only).</p>	<p>As per discussion with OEM , they will not be able to provide the above declaration on MAF due to some legal compliance. However, they have suggested to go for Standard MAF along with Bidder Undertaking for the compatibility.</p>	As per Corrigendum - II
1	Technical	64	Scope of Work:	<p>Clustering of H/W for high availability with Zero impact on F/O(Auto failover). Need to mention and provision to take care split brain cluster situation as well to avoid business disruption in case of "what to do" situation in clustered node</p>	Please remove this clause	Clustering is not part of the RFP.
2	Technical	65	Scope of Work:	Supply of Required Licenses such as but not limited to OS, cluster, Backup/restore, SAN storage foundation or volume manager, Storage level cloning & block level copy, H/A software, replications, monitoring & alerting and notification,	Please clarify what additional licenses are required for the BW4HANA solution	Only OS license for Server and All licenses for Storage including ransomware protection, replication, deduplication, Tamper-proof Snapshot, hardware compression and encryption etc
3	Technical	65	Scope of Work:	Configuration of System based replication and integration with existing SAP CI/Applications system set as well as backup solution of Commvault.	<p>Please clarify on the availability of the Commvault backup solution (H/W & S/W) and the extent of SoW</p> <p>Please clarify how would SAP HANA System Replication be configured with only 1 production node</p>	Replication is not in scope. Backup solution Commvault will be provided by BRPL
4	Technical	65	Server Hardware for B4HANA:	SAP HANA® Hardware Appliance	Please remove this clause	Read it as "SAP HANA® Hardware Appliance/TDI"
7	Technical	65	Server Hardware for B4HANA:	Support of built-in intelligent management interface (eRMC)	Please remove this clause	Remote management controllers. As per respective OEM terminology
8	Technical	66	Server Hardware for B4HANA:	Must deliver extreme reliability, availability, and serviceability (RAS), reaching availability level 4 (AL4) in IDC's High Availability framework.	Please remove this clause	Should have RAS (reliability, availability and serviceability) feature for mission critical work load
9	Technical	66	Server Hardware for B4HANA:	Designed with security strategy to minimize threat exposure: -"air gapped" manageability subsystem that doesn't allow firmware updates	Please remove this clause	Firmware updates from the operating system should not be allowed to minimize threat exposure
10	Technical	67	Storage (SAP HANA Certified),	Offered Storage Array shall be given with Minimum of 256GB cache per controller in a single unit.	Request to Change to 384 GB per controller as the project requirement.	128GB cache per controller
11	Technical	67	Storage (SAP HANA Certified),	Offered Storage should be certified by SAP for HANA node support of upto 20 nodes(non-clustered). The Storage should be certified as SAN -Fiber Channel Storage connector.	Request to Change as - Offered Storage should be certified by SAP for HANA node support of upto 15 nodes(non-clustered). The Storage should be certified as SAN -Fiber Channel Storage connector.	No change
12			B4HANA Production DB (6TB Scalable to 12 TB)	CPU: Intel Xeon-Platinum 8280HL 2.7GHz 28-core 205W Processor OR Intel Xeon-Platinum 8380HL 2.9GHz 28-core 250W Processor or latest CPU Sizing -as per SAP HANA Server performance requirement mentioned Above as in specifications	Request the same to be amended as Intel Xeon Platinum 8280/L or 8380HL	Read it as 8276 or 8280 or 8380 processes, Memory should be DDR4 2933 MHz or better
14	Technical	68	B4HANA QA DB	4 x Intel Xeon-Gold 6348H (2.3GHz/24-core/165W) Processor or Latest	Request the same to be amended as Intel Xeon Platinum 6252 or 6348H. Offered server should be scalable upto 8 processors or higher.	Intel Xeon scalable 3rd or 4th gen Gold CPU to support 3 TB HANA memory or Better or equivalent
18	Technical	70	4. Frame work of Testing and acceptance:	Load Testing by populating additional VM for stress test: A complete load & Stress test should be done by Solution Integrator.	Please remove this clause	SAP load testing certification for offered hardware