S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
1	Technical	17	13.0 WARRANTY/DEFECTS LIABILITY PERIOD	13.01 All Hardware/Software supplied should cover comprehensive on-site warranty for 5 years from the date of completion of the project installation. This includes updating the latest patches of software,reconfiguration,redeployment of application(if required),providing latest version (software subscription) of the software/license etc. Definition update / patch update, upgrade would be done by vendor immediately for criticalupdates or on monthly basis for normal updates/upgrades.	Sice, bidder has no insights about the application. Therefore, request you to pls remove this clause "Redeployment any number of time will be in bidders scope". Also, request you to pls share the application details.	Redeployment of Backup software is being asked along with the supporting softwares required for same
2	Technical	20	20.0 LIQUIDATED DAMAGES	A. Penalty due to delay in Delivery & implementation Delivery Complete of Solution including All related hardware & software - Within 6 Weeks from the date of Purchase Order	Request you to pls extend the delivery timelines from 6 weeks to 12 weeks as all major OEMs will deliver in 10-12 weeks.	As per RFP
3	Technical	28	4. RATES:	The cost of training of BRPL Official shall be included in the prices quoted by vendor.	Request you to pls confirm for how many no. of days training will be provided.Also, pls confirm do bidder needs to provide OEM training or bidder can deliver by their in-house team.	Training to operate Backup software is required.Training can be provided by Bidder it needs to be provided to inhouse team
4	Technical	25	SECTION IV PRICE FORMAT	Storage with dual controller & Diskwith capacity 200 TB usable (Detailed BOQ of file storage with model number to be shared)	Type of Drives for 300 TB usable storage:- SATA/ SAS/ SSD. Pls sugges the Cache type:- Global or Federated along with the capacity. Do bidder needs to do storage to storage replication also. If yes, pls sugges do bidder needs to factor the FCIP Router too. Pls confirm the distance between DC and DR location. pls confirm BRPL requires Sync or Async replication.	SAS Disk are required and Storage is to be used for User file data storage.Pls plan BOQ accordingly.Final detailed BOQ needs to be submitted and will be evaluted during technical evaluation. All type of replication licences to be included

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
5	Technical	25	SECTION IV PRICE FORMAT	Server for application DR(40 CORES ,512GB RAM with VM license,NVME compatible ports and all accessories)	Pls confirm the storage required in servers. Type of connectivity in servers:- 10G Copper or SFP+ Do bidder needs to factor any NVMe ports also. Is there any requirement of DVD also. How many VMs neeed to be created on Servers. Pls confirm which license needs to be included for Vmware:- Vsphere std / Enterprise.	Deatailed BOQ is there in RFP
6	Technical	25	SECTION IV PRICE FORMAT	24 Port Cisco Network switch to connect Servers with 10g ports compatible withserver ports and related cables	Pls confirm do bidder needs to provide 24 ports active with SFPs on the day-1	10G Copper ports required and active from day one
7	Technical	85	EVALUATION OF SOLUTION AND VENDOR COMPETENCY	Compatibility of solution with existing Infra	Request you to pls share the Existing Infra details to which the bidder has to ensure the compatibilty.	Detail is part of RFP
8	Technical	81	M92	S.no. 1 to 19	In M92, S.no. 1 to 19 belongs to server configuration only while it is embedded in storage configuration. Kindly clarify.	New Specs being shared in M92
9	Technical	73	M18 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	RTO and RPO as per laid of expectation basis criticality of system/ application. Preference is to have RTO and RPO of less than 1 hour	Request you to mention this requirement under Service related scope as this is not the part of functional specifications. Compliance may not be furnished for this, as the RPO and RTO will be dependent upon lot of factors and not solely on Backup solution.	Pls ignore M18 as DR is not required

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PRE BID REPLIES - II

NIT NO: CMC/BR/22-23/RB/PR/MS/1039

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
10	Technical	74	M33 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	Ability to have Self Services for User system Restoration/ also enable for Helpdesk to restore user data. Proposed solution should support integration with existing AD, LDAP, NIS, SSO.	Please specify the name of the solution with which the integration will be required.	It should be open to integrate
11	Technical	75	M36 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	The proposed Backup Solution must offer FETB (Frontend TB) & BETB (Backend TB after data reduction technologies like deduplication and compression) including unlimited Operating instances and database instances, deduplication, encryption and compression) capacity-based subscription/perpetual licensing. Brief on the exact licensing approach should be stated	Please rephrase this clause as'The proposed Backup Solution must offer BETB (Backend TB after data reduction technologies like deduplication and compression) including unlimited Operating instances and database instances, deduplication, encryption and compression) capacity-based subscription/perpetual licensing. Brief on the exact licensing approach should be stated' Request the suggeested change as the backup solution will dedupe and compress the backup data and not the data at the source.	ok
				Ability to support long term data archival to:		
				o Third party local storage		
				o Proprietary cloud - native to the platform provided and support granular file level recovery (to minimize cloud read and egress costs) or Third party cloud (Example: AWS, Azure, GCP, etc.) storage		
				o Strong security - Encryption in motion and at rest		
				o Ability to perform semi-annual or annual recovery testing		
				o Detailed documentation of required steps for proper backup and recovery [to be submitted post implementation]		

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
12	Technical	Page no. 77	M52 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	o Should adhere to India IT Act 2000 or better	Request you to remove this clause as the same may not be applicable from Backup solution perspective.	we will decide during technical evaluation as no other OEM asked for removal
				o Ability to perform searches on archived files in the event of a legal requirement		
				GDPR compliant	Request you to remove this clause as the same may not be applicable from Backup solution perspective. Adherence to the mentioned compliance requires Sensitive Data Governance.	we will decide during technical evaluation as no other OEM asked for removal
				HIPPA compliant	Request you to remove this clause as the same may not be required from Backup perspective.	we will decide during technical evaluation as no other OEM asked for removal
				FIPS compliant		
				Write Once Read Many SEC 17a-4(f) Certification		
				PCI DSS	Request you to remove this clause as the same may not be applicable from Backup solution perspective.	we will decide during technical evaluation as no other OEM asked for removal
				Single patch upgrade for backup software, backup appliance, file system, security updates	Request you to remove this clause as the backup solution and storage/server can be from different vendors to provide the best in class solution. Hence, patches, fixes may not be supplied from the single source from hardware and software perspective.	It is required as per RFP
13	Technical	77	M57 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	Proposed solution should support full indexing and text search.	Request you to elaborate the requirement. Full indexing is required on what kind and amount of data	This is required on backup data to ease search
14	Technical	78	M60 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	Backup and restoration for the critical applications an DB should not exceed the backup window of 4hrs. The information related to DB Size, Host Systems, etc. will be provided and the bidder has to shared estimated time frame for backup stating the pre-requisites to achieve the 4 hrs. window	Request you to specify the source database details such as size, type of backup and daily change rate. The backup window will be dependent upon multiple factors such as source read, transmission media and target write throughput. Hence, more information on the source will be required to comment upon the backup window.	All details are part of RFP

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
15	Technical	78	M61 under section 'Checklist for System Feature requirements to be submitted with Technical Evaluation'	The proposed backup solution should be configured so as to achieve the defined SLA in terms of Backup Window and Restoration - basis type of Data (viz. Database, Files, VM Images)	Kindly elaborate on the SLA requirements. Request you to mention this requirement under Service related scope as this is not the part of functional specifications.	This feature is required ,SLA can be defined during implementation stage
16	Technical	68	BACKUP AND DISASTER RECOVERY SPECIFICATIONS	Current DB Size is 20TB (Mix of Oracle,MS SQL,Mysql) scalabel up to 50TB ▢ Current application base size is approx 30 TB.Application count is approx 250 ▢ File Storage data is 150 TBwith 10% increment every year	Please clarify, whether the specified amount of DB, app and file data is required to be considered for the backup BoQ and sizing calculations.	yes
17	Technical	81	M92	300TB usable space with Raid 6 100000 IOPS and 8GB/s Throughput.	As per OEM, they can provide only shared IOPS or throughput. Request you to pls share us the workload sizing details so that both IOPS and Throughput can be achieved.	This staorage will be mostly used as File storage with capacity 300TB usable and 60:40 write and read ratio.Pls work on BOQ same will be discussed during technical evaluation
18	Technical	81	M92	8X25G/10G ports per array,Copper / fiber connectivity	pls confirm can we provide 4x FC Ports and 4x 25/10G copper ports	Ok but 8 ports per array are required
19	Technical	3	Pre-Qualification Criteria	The bidder should have implemented the proposed backup &replication solution for at least 100 TB data, which should be running successfully, in at least 2 Govt. organizations/ Financial Institution/ Public Sector Undertakings/ Commercial Bank/ Telecom in India during last 2 years, as on bid submission date.	The bidder should have implemented the proposed backup & replication solution for at least 100TB data, which should be running sucessfully, in at least 2 Govt. organizations/Financial Institution /Public sector Undertakings/ Commercial Bank/Telecom in India during last 5 years, as on bid submission date.	As per Corrigendum - 1 Issued

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
20	Commercial	4	Pre-Qualification Criteria	The bidder must have minimum annual turnover of Rs.100 (One Hundred) Crore or more during the last three financial years. Audited Balance Sheets duly certified by CA to be submitted. Bidder has to also submit UDIN based CA certificate / financial statement as proof of the same.	We are meeting all other criteria's except the financial one so I request you to please help us by amendment in this to below 30CR, which was our last year Turnover. We have qualified team and experienced team as well as we have implemented the Backup Solutions in BSES Yamuna power so we can do this project.	As per Corrigendum - 1 Issued

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
21	Technical		M92	**Storage BOQ**	**Changes required in the specs**	
18	Technical		M92	The Storage solution should have a duplication engine that can eliminate redundant data and help limit physical storage consumption	Deduplication feature is part of backup software hence we request you to remove this point from the storage. Backup Software will do all the deduplication and eliminate the redundant data hence this feature is not applicable to backup storage.	
18	Technical		M92	Node can house SSD, SAS o+E35r SATA disks snapshotting, replication, data deduplication on SSD and policy-based data tiering and retention, plus continuous data integrity checking Feature.All license needs to be included.	As mentioned in the above point kindly remove deduplication as this feature is related to backup software. Rest everything is ok.	
18	Technical		M92	2) Minimum RAM configuration should be 256GB per Node.	As you have already asked required no. of IOPS and Throughput hence it is not appropriate to ask RAM in the storage. Moreover RAM is a server component which is generally not asked in any storage requirement. Hence we request you to remove this point from the specs.	
18	Technical		M92	5). Offered Node shall also be supplied atleast 2 number of 480GB M.2 NVMe SSD drives for boot. Both drives shall be configured in Hardware Raid 1 .	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	7)Minimum 5 x PCI-Express 4.0 slots, Three of the slot shall be at-least x16	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	8) Shall have minimum of 24 x DIMM slots and shall be scalable upto 3TB memory using 128GB DDR4 Load Reduced DIM	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	

S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
18	Technical		M92	9)Intel® C621A Series Chipset with PCI 4.0 Architecture	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	10) Firmware Security-- 1. For firmware security, system should support remote management chip creating a fingerprint in the silicon, preventing servers from booting up unless the firmware matches the fingerprint. This feature should be immutable. 2. Should maintain repository for firmware and drivers recipes to aid rollback or patching of compromised firmware. Should also store Factory Recovery recipe preloaded to rollback to factory tested secured firmware	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	11) System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder; It should support server power capping and historical reporting and should have support for multifactor authentication	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	As per Corrigendum - 1 Issued
18	Technical		M92	12) Node should have dedicated 1Gbps remote management port	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	13) Remote management port should have storage space earmarked to be used as a repository for firmware, drivers and software components. The components can be organized in to install sets and can be used to rollback/patch faulty firmware	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	

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S.No	Query Type Technical/ Commercial	Page No	Clause No	BRPL Clause	Bidder Query	BRPL Replies
18	Technical		M92	14) Node should support agentless management using the out-of-band remote management port	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	15) The Node should support monitoring and recording changes in the server hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	16) Applications to access the server remotely using popular handheld devices based on Android or Apple IOS should be availabile	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	17) Remote console sharing upto 6 users simultaneously during pre-OS and OS runtime operation, Console replay - Console Replay captures and stores for replay the console video during a server's last major fault or boot sequence. Microsoft Terminal Services Integration, 128 bit SSL encryption and Secure Shell Version 2 support.Should provide support for AES and 3DES on browser.Should provide remote firmware update functionality.Should provide support for Java free graphical remote console.	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	18) Should support managing multiple servers as one via Group Power Control Group Power Capping Group Firmware Update Group Configuration Group Virtual Media Group License Activation	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	
18	Technical		M92	19) Should support RESTful API integration	The specs mentioned are related to server and does not come in the storage hence we request you to remove this point.	