							dia Storage								
			Proc	duct Cate	gory : Un	ified / Net	work Atta	ched Sto	rage						
S. No	Parameters	Type of Field	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Value 7	Value 8	Value 9	Value 10	Unit	Remarks	Filter Required
1	Usable Capacity of unified/NAS System in Raid 6 or equavalent.	Ch	10	30	50	100	250	350	500	750	1000	2000	ТВ		Y
2	Hardware Form Factor of Unified/NAS System	Ch											RU	Must Indicate	Y
3	Type of Drives	Ch	SSD	SAS	NL SAS								Null		Υ
4	Minimum number of Front-End Ports (32Gbps is latest and it is not specified)	N	12	16	24	32	48	64	72	96			No.		Υ
5	Minimun number of Back-End ports (12Gbps or latest)	N	4	6	8	16	32	48					No.		Y
6	Mnimum 10Gbps iSCSi ports	N	4	8	16	32							No.		Υ
7	Number of Controllers avaliable in Unified/NAS system	N	2	4	6	8	10	12					No.		Y
8	Total configurable global Cache per controller.	N	32	64	128	256	512						GB		Υ
9	Drive Slot Scalability	N	100	200	400	800	1200	2500	5000	1920			No.		Υ
10	Number of Drives Slots in populated in Unified/NAS System	Ν											No.	Must Indicate	Υ
11	Type of Drive	Ch											Null	Must Indicate	Υ
12	Capacity of Drive	N											ТВ	Must Indicate	Y

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13	The storage should support minimum 16 point in time copy of single source device. License for local protection should be bundled. Proposed Array shall support Synchronous and asyncronous replication. The replication solution should support up to 5000 volume pairs for remote replication in Sync and Async. The replication solution must support at least four-way remote replication for zero-data-loss. The Storage Systems should be scalable to at least 2 PB usable capacity in a single storage array. The Storage should support RAID levels like RAID 5/ RAID 6 or equavalent. The storage should support NFS, CIFS, FC, ISCSI and FCoE protocols, Licenses should be provided for the complete capacity. The storage should be configured with minimum 4*10G iSCSI port. Storage System should have multiple Global Hot Spares. Minimum one Hot spare drive should be provided for every 30 Drives over and above the proposed capacity. The storage should be with No Single Point of Failure (SPOF). All the components should be redundant and hot swappable including power supply, back plane, fans, batteries etc. The proposed storage must support non-disruptive replacement of hardware components. Architecture shall support isolation of failed components automatically without rebooting/failing the entire controller for subcomponent failures like CPU/cores, cache DIMM, ports etc The storage must provide non-disruptive firmware/micro code upgrade, device reallocation and configuration changes. Storage architecture shall allow new Microcode/Firmware to be effective without any need of Controller reboot.	Ch	In Complian ce							Null		
14	Network Switch	Ch	Available	Not- Available						Null		Y
15	Hardware Form Factor of Network Switch	Ch								RU	Must Indicate	
16	Number of Network switches provided with Storage System	N	1	2	4	NA				No.		Y
17	If Available, Tpye of Network Switch (@10Gbps)	Ch	12 Ports	24 Ports	32 Ports	64 Ports				Null		Υ
18	Number of Active Ports in the Network switch	N								No.		Υ
19	Additional Capacity (Compatiable with main Usable Capaicty of Unified/NAS)	N	Yes	No						ТВ		Υ
20	If Yes, Additional Capacity Added	N								ТВ		Υ

21	Type of Drive used to achieve additional capacity	Ch							Null		Υ
22	No. of Drive used to achieve additional capacity	N							No.		Υ
23	Capacity of each Drive to achieve additional capacity	N							ТВ		Y
24	Protocols Supported by the Storage from Day one	Ch							Null	Must Indicate	Υ
25	Operating System Platform and Clustering Supported by the Storage from day one	Ch							Null	Must Indicate	Υ
	Deduplication	Ch	Yes	No							Υ
27	Compression	Ch	Yes	No							Υ
28	Compatibility with other storage for the purpose of Replication	Ch	Yes	No							Υ
29	Remote Replication and 3 Way DR Capability	Ch	Yes	No							Υ
30	Operating Temp Range	Ch							Degree C		
31	Storage Temp Range	СН							Degree C		
32	Operating Humidity (Rh)	Ch							%		
33	Storage Humidity (Rh)	Ch							%		
34	BIS Registration under CRS of MeiTY	Ch	Yes								
35	BIS Regirstration number (shall be furnished when demaded by the buyer)	N								Must Indicate BIS Registrati on no.	
36	Storage System is compliant with IPv6	Ch	Yes								
37	Standby power consumption of System	Ν							Watt	Must Indicate	
38	Max power consumption of System	N							Watt	Must Indicate	
39	If Yes, Typer of Certification & Certification Number (Shall be furnished when demanded by buyer)	Ch								Must Indicate	

41 Warranty N 1 3 5 N N 1 Y
