

Query No	Bidder	Sr. No. (Bidder's)	Tender Clause No. / Annexures	Page No.	Bidders Comments / Queries	Gujarat Gas Reply / Clarifications to All Bidders	Extra Field added by Bidders	Extra Field added by Bidders_1
163		9	3:2 SolutionFeatures/Requirements:3	6	Data migration is possible with cutover window - minimal downtime required while moving from old to new shares. Requesting you to Allow downtime.	Downtime will be provided for data migration . This will be discussed in details during project kick-off meeting	Data migration (old to new hardware ) and replication to central storage effort shall be included as a part of solution implementation	
164		10	Features	13	Need to restore from backup. Data cannot be un-deleted directly	refer revised SOW	Recovery of deleted data from Digital File storage:	

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165		11	Features	13	Make this as a optional feature as file server does not have storage like features	refer revised SOW	Configure all storage related features – for example deduplication, replication, LUN provisioning, Cluster setup, Policy and Retention Settings :	
166		12	Features	13	Since the requirement for Individual location is less, requesting to make dedupe as and optional feature at Satellite location and mandatory at Centralize location. This will help you to avoid de-duplication penalties at satellite location.	Tender term prevails	Deduplication at Share/folder level:	

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167		13	Features	13	File versioning is part of backup solutions. Requesting you to make this as a optional clause	refer revised SOW	File Versioning with minimum 3 versions :	
168		14	Features	13	Our solution can act as a MS-DFS target or can redirect an entire share. But it does not allow any redirects from within an exported tree. Requesting you to make it as an optional clause, to allow many other vendors to bid	refer revised SOW	Integration with Existing Windows DFS Namespace:	
169		15	Cache	15	NAS deployment does not require higher cache. Requesting you to allow vendors to propose storage with 32 or 64 GB cache. However performance will be guranteed.	This requirement is not only for NAS but also for other purpose as defined in SOW.	1TBormore	

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170		16	Disk Drive Support	15	For the Latency, requesting you to provide other parameters like IOPS, block size, RW ratio.	refer revised SOW	All Flash OR with desired performance of response time. Storage shall provide < 2 ms response time.	
171		17	Global Hot Spare	15	Recent updates on Storage drives, has made it robust and durable hardware. Asking 1 hot spare behind 4 disk may require more drives in storage enclosure and increase DC footprint. Requesting you to allow us to add 1 HS behind every 10 Drives.	refer revised SOW	1 Disk per 4 Disks	

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172			Integrated Solution	16	solution is software based solution which is not vendor agnostic. We deploy software on X-86 nodes and IBM storage. Asking Single vendor hardware will eliminate us from bidding. Requesting you to allow us to bid with multivendor architecture.	refer revised SOW	The Central storage must be factory integrated appliance/devcie/storage from single OEM of both hardware of Central & Digital File storage/server/appliance..	

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173			Data Protection Configuration	16	Two nodes or More than 4 drive failure tolerance is part of erasure coding technology. This will need more number of nodes to configure. Storages now support upto 2 drive failure protection (RAID6). Requesting you to make this clause optional.	refer revised SOW	Support data protection against 4 or more simultaneous drive failures across the storage nodes. Disk and node rebuilds should leverage protection from within the same site so as to avoid consuming expensive and limited WAN bandwidth and minimize rebuild times during rebuild operations.	

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174			Self-healing	17	Automated recovery is can be achieved through scripting, however versioning has to be managed by backup software. Requesting you to remove this clause of make it optional to allow us to bid	refer revised SOW	Should support auto-healing & auto-repair features. Central Storage shall provide versioning capability to protect and record Central-level changes. Central Storage must support automated recovery of data from replica copy if Central is found corrupt.	

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175				18	<i>This is feature of backup software. Once file deleted from storage can not be recovered through storage feature.</i>	<i>refer revised SOW</i>	<i>Recovery of deleted data from Digital File storage</i>	
176				19	<i>Data archival can be achieved with the help of other specturm software which can be integrated .</i>	<i>refer revised SOW</i>	<i>Data Encryption, Compression, Archived, Content Indexed</i>	

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177		1	<b>3.1 Hardware Requirements Specification- Minimum requirement -</b> Maximum 4U Rack mount appliance / storage / device / Server / hyperconverged server at GA/Branch offices and Maximun 10U rack mount appliance/device/ser ver at central Datacentre at Gandhinagar	Page No -5	<i>Change of Clause Maximum 4U Rack mount appliance / storage / device / Server / hyperconverged server at GA/Branch offices and Maximun <b>19U</b> rack mount appliance/device/server at central Datacentre at Gandhinagar Justification For High Availability which is requested in RFP more number of nodes are desired and which will in turn require more rack space. Hence Request you to mention Max. 19U Rack mount</i>	<i>refer revised SOW</i>		

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178		2	<b>3.1 Hardware Requirements Specification- Minimum requirement -</b> Storage response time shall be < 2 ms at Central Storage. Vendor shall provide storage solution accordingly and shall certify the solution for performance. All flash / SSD OR storage with desired performance (response time) shall be provided at Central location.	Page No -5	Change of Clause Storage Throughput should be min. 5GB/s for Write and 8GB/s Read at Central Storage. Vendor shall provide storage solution accordingly and shall certify the solution for performance. All flash / SSD /HDD OR storage with desired performance (Throughput) shall be provided at Central location. Justification for Central file storage solutions , throughput is major factor to be considered than latency as how many people accessing it will make it more relevant	refer revised SOW		
179		3	<b>3.2 Solution Features / Requirements -</b> Replication frequency shall be configurable at location and central location	Page No -6	Change of Clause Replication frequency shall be configurable/Real Time at location and central location but User can pause the sync manually though	refer revised SOW		

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180		4	<b>3.2 Solution Features / Requirements</b> - Solution should get integrated with active directory for access management, quota management, file extension restrictions etc.	Page No -6	Change of Clause Solution should get integrated with active directory for access management, quota management, file extension restrictions etc <b>which should be manageable by native Operating system or Proprietary Solution.</b>	refer revised SOW		

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181			<b>3.2 Solution Features / Requirements</b> - Central Reporting / administration tool required with following features: 1. Files monitoring and administration - i.e. File type wise, file date wise modification / access etc. reporting 2. Access Management monitoring and administration – i.e. user wise access to folders at multiple devices and solution level, removal of access / file / folder permission centrally 3. identification and modification (Add/delete) userwise and department wise permission across all offices	Page No -6	Please allow native or 3rd party OEM software integration for monitoring and administration	refer revised SOW		

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182		5	<b>3.2 Solution Features / Requirements- Training to Gujarat Gas team</b> Onsite Training at GGL office shall be for at least 3-5 days	Page No -7	Change of Clause Onsite/Remote Training shall be for at least 3-5 days and only authorized OEM personal shall deliver it with certificate of completion	refer revised SOW		
183			<b>6 Annexure-I (Digital File Storage Soution at GA /BRANCH Office) -</b> Snapshot, Clones, Mirror & Replications. Data should be protected from Ransomware, virus , malware protection attacks.	Page No - 12	Request you to remove Snapshot, Clones, Mirror & Replications.  Change of Clause <b>Digital File Storage solution should have Policy to expire local cache copy.</b> Data should be protected from Ransomware, virus , malware protection attacks. Justification Digital File storage is actually a caching device which in turn replicates the data to central location. hence, snapshot, Clones/ Mirror / replication availability is not relevant.	refer revised SOW		

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184			<b>6 Annexure-I (Digital File Storage Soution at GA /BRANCH Office) - Thin/Thick Provisioning and Space Reclaim required.</b>	Page No - 12	<p>Request you to remove Thin/Thick Provisioning and Space Reclaim required. Change of Clause</p> <p>Digital File Storage solution should have Policy to expire local cache copy.</p> <p>Justification Digital File storage is actually a caching device which in turn replicates the data to central location. hence, Thin/Thick Provisioning and Space Reclaim required is not relevant.</p>	refer revised SOW		
185			Data replication status report, track replication data (how much data is replicated to central master server and how much is left).	Page No - 13	Change / Removal of Clause Request you to remove this clause	refer revised SOW		

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186			Configure all storage related features – for example deduplication, replication, LUN provisioning, Cluster setup, Policy and Retention Settings	Page No - 13	Change / Removal of Clause Request you to remove this clause The requested features are more relevant and essential for central storage location not at Digital File Storage Soution at GA /BRANCH Office	refer revised SOW		
187			Deduplication at Share/folder level	Page No - 13	Change / Removal of Clause Request you to remove this clause The requested features are more relevant and essential for central storage location not at Digital File Storage Soution at GA /BRANCH Office	refer revised SOW		

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188			<b>7 Annexure-II (Central Storage at Datacentre )</b> All Flash OR with desired performance of response time. Storage shall provide < 2 ms response time.	Page No - 15	Change of Clause Storage Throughput should be min. 5GB/s for Write and 8GB/s Read at Central Storage. Vendor shall provide storage solution accordingly and shall certify the solution for performance. All flash / SSD /HDD OR storage with desired performance (Throughput) shall be provided at Central location. Justification for Central file storage solutions , throughput is major factor to be considered than latency as how many people accessing it will make it more relevant	refer revised SOW		
189			<b>7 Annexure-II (Central Storage at Datacentre )</b> RAID 0 / 1 / 3 / 5 / 6 / 10. Should support Vmware ESXi 6.7 and above / Microsoft Hyper-V	Page No - 15	Change of Clause RAID 0 / 1 / 3 / 5 / 6 / 10 / Erasure coding. Justification Sustaining 4 Hard disk failure erasure coding is the recommended technique	refer revised SOW		

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190			<b>7 Annexure-II (Central Storage at Datacentre )</b> Snapshot, Clones, Mirror & Replications. Data should be protected from Ransomware attacks.	Page No - 15	Change of Clause Snapshot/ Clones / WORM/ Mirror & Replications. Data should be protected from Ransomware attacks.	refer revised SOW		
191			<b>7 Annexure-II (Central Storage at Datacentre )</b> Global Hot Spare- 1 Disk per 4 Disks	Page No - 15	Change of Clause <b>1 Disk per 4 Disks or Provides enhanced data protection in a storage efficient fashion using Erasure coding, implements the Reed Solomon error correction using schemes 20+6 / 12+4 without any dependencies on RAID</b>	refer revised SOW		

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192			<b>7 Annexure-II (Central Storage at Datacentre )</b> Digital File Storage Soution should have functionality to configure the below: Configure all storage related features – for example deduplication, replication, LUN provisioning, Cluster setup, Policy and Retention Settings	Page No - 17	<i>Change / Removal of Clause</i> <i>Request you to remove this clause</i> <i>The requested features are more relevant and essential for central storage location not at Digital File Storage Soution at GA /BRANCH Office</i>	<i>refer revised SOW</i>		
193			<b>7 Annexure-II (Central Storage at Datacentre )</b> Deduplication at Share/folder level	Page No - 18	<i>Change / Removal of Clause</i> <i>Request you to remove this clause</i> <i>The requested features are more relevant and essential for central storage location not at Digital File Storage Soution at GA /BRANCH Office</i>	<i>refer revised SOW</i>		

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194			<b>7 Annexure-II (Central Storage at Datacentre )</b> Restriction of file extensionwise	Page No - 18	Change of Clause Solution should get integrated with active directory for access management, quota management, file extension restrictions etc <b>which should be manageable by native Operating system or Proprietary Solution.</b>	refer revised SOW		
195		1	Bidders qualification Criteria: Bidder must have supplied and implemented minimum 5 storage solution projects within last 7 years to be reckoned from the Tender publishing date and shall meet following criteria: with connectivity of minimum 5 branch office for each project, with minimum user base 100 for each project	1	We request GGCL to retain "minimum 5 storage solution projects" while we suggest deleting the criterion of "connectivity of minimum 5 branch office for each project". Ishan has deployed various projects for storage arrays, including the brand quoted. However, a majority of these are centralized storage projects in govt as well as corporate segment, which are accessed thru MPLS/SDWAN connectivity. We do have customers which have disparate storage arrays across locations, however, not many would have 5 or more arrays. Moreover, the implementation scope is in the purview of the OEM, as per the RFP requirements.	Refer to BQC		

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196		2	<i>Bidders qualification Criteria: All Bidders (GGL associated as well as non-associated): CA certificate with UDIN number mentioning Turn over from Audited Balance Sheets from any of preceding three financial years i.e. any one of FY 19-20, FY 20-21 and FY 21-22.</i>	2	<i>we request you to kindly consider the Turnover for FY 2018-19, 2019-20 and 2020-21 as most of Bidders not having the audited balance sheets of FY 2021-22.</i>	<i>Bidder has to submit any of preceding three FY . Point is clarified during pre-bid meeting</i>		

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197		1	<p>Bidder must have supplied and implemented minimum 5 storage solution projects within last 7 years to be reckoned from the Tender publishing date and shall meet following criteria:</p> <ul style="list-style-type: none"> <li>· with connectivity of minimum 5 branch office for each project</li> <li>· with minimum user base 100 for each project</li> </ul>	eligibility creteria	<p>please allow bidder +oem in this creteria , as gujarat bidders are not so big to attend this creteria ..kindly amend to oem or bidder</p>	Refer to BQC		

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198		1	<p><b>BIDDERS QUALIFICATION CRITERIA (BQC) -</b>  Bidder must have supplied and implemented minimum 5 storage solution projects within last 7 years to be reckoned from the Tender publishing date and shall meet following criteria:</p> <ul style="list-style-type: none"> <li>- with connectivity of minimum 5 branch office for each project</li> <li>- with minimum user base 100 for each project</li> </ul>	1	<p><b>Request you to Amend With :</b>  Bidder must have supplied and implemented minimum 5 storage solution projects within last 7 years to be reckoned from the Tender publishing date.</p>	Refer to BQC		