

Bid for Selection of an Agency for Establishing of Central Storage Systems for NLE & Video Archival Library on behalf of Directorate of Information, Government of Gujarat - Tender No. HWT241219599

Sr. No.	RFP Page/Clause No.	Existing Clause in the RFP	Modification Requested	Final Clarifications
1.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	16 GB cache memory per controller (Total 32 GB). Upgradable up to 64 GB. Should have cache backup facility like Super capacitor + Flash module or equivalent.	16 GB cache memory per controller (Total 32 GB). Upgradable up to 128GB or higher either within chassis or by adding controllers for expansion and linear throughput of storage. Should have cache backup facility like cache de-staging to disk. Since this is throughput intensive setup, we would request GIL to amend the system cache memory requirement as suggested.	Revised: 32 GB cache memory per controller (Total 64 GB). Should have cache backup facility like Super capacitor + Flash module or equivalent. Please see the corrigendum
2.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	Ports 4x 10 GbE SFP+ Ports 8x 1 GbE iSCSI RJ-45 ports 2x 12 Gb/s SAS Expansion ports.	The Storage array should be supplied with 4x 10 GbE SFP+ Ports and scale upto 8 FC ports by adding 4 more ports in future 4x16Gbps FC ports and scale upto 8 FC ports by adding 4 more ports in future. 4x 12 Gb/s SAS host connection ports (Optional supported by SAN Storage) Having combination of 10Gbit SFP+, FC and SAS will enable department to have multiple host connectivity options, with FC ports must be included as this is native connectivity and will benefit department for future expansion and high speed efficient connectivity by addition appropriate Switch.	Revised: Ports 4x 10 GbE SFP+ Ports 2x 12 Gb/s SAS Expansion ports. Please see the corrigendum
3.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	Should support up to 400 HDDs using additional Expansion enclosure.	The proposed array must support upto 1PB capacity expansion in future with NL-SAS drives. We request GIL NOT to bind the number of disks, rather ask for capacity expansion as suggested.	Revised: Should support up to 200 HDDs using additional Expansion enclosure. Please see the corrigendum
4.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	RAID Support : RAID 0, 1, 5, 6, 10, 50, 60	RAID Support : RAID 0, 1, 5, 6, 10, We request GIL to amend the RAID types to industry standard RAID types followed as all OEM do not support 50, 60. Moreover dual drive failure is taken care by RAID6, Hence these are not required as such.	Revised: RAID Support : RAID 0, 1, 5, 6, 10 Please see the corrigendum

5.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	Expansion enclosure should have redundant controller and redundant power supply. 4x 12 Gb/s SAS ports (2 per controller) 2x SAS Cables for Connection with Storage Box.	This seems to be duplicate specs as these are already covered in the Point of Ports in the above specifications. Request GIL to remove these specs. None of the expansion enclosures (disk Enclosure) have controllers, While they do have SAS ports for enclosure expansion.	Revised: Expansion enclosure should have redundant SAS controller and redundant power supply. 4x 12 Gb/s SAS ports (2 per controller) 2x SAS Cables for Connection with Storage Box. Please see the corrigendum
6.	Section -4, Page-18/28 Item No. 2: SAN Management Software	Item No. 2: SAN Management Software	We request GIL to remove this specifications As all OEM supply their own SAN Management software with SAN Storage, a separate Management software is NOT required. The specification asked are very basic and natively supported with OEM Array Management software with additional functionalities and features.	No change. As per RFP
7.	Section -4, Page-18/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	19" Rack-mountable Server with redundant hot-swappable SMPS.	1U / 2U Rack Mountable Server	Revised: 1U / 2U / 4U - 19" Rack-mountable Server with redundant hot-swappable SMPS. Please see the corrigendum
8.	Section -4, Page-18/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	960 GB high speed SSD or M.2 for OS	M2 Drives are available with 240GB / 480GB only hence request you to please amend the clause as BOSS controller card + with 2 M.2 Sticks 480GB (RAID 1), Also as per Std. process OS HDD/M2 Drives has to configure with RAID 1 and asked configuration is with 1 No. 960GB SS/M2 Drive only hence please amend the Qty. as 2 with RAID 1	No Change. As per RFP.
9.	Section -4, Page-18/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	Windows Server OS latest version compatible to MAM Software. SQL Server Compatible to MAM Software.	Please Clarify SQL License Details as it comes with Core Based / 5 User Based / 5 Device Based. Which license we need to quote here.	Revised: Windows Server Standard 2019 OS or latest version compatible to MAM Software. SQL Server 2019 with 3 CAL Compatible to MAM Software.

				Please see the corrigendum
10.	Section -4, Page-19/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	Ports Minimum 2x 1G Ports. Minimum 2x 10 GbE Ports. 2x USB 3.0 & 2x USB 2.0 Ports. Integrated Graphics Port.	Request you to please amend this clause as per below. Front: 1 x USB 2.0 & Rear: 2 x USB 3.0	Revised: Ports Minimum 2x 1G Ports. Minimum 2x 10 GbE Ports. 2x USB 3.0 & 1x USB 2.0 Ports. Integrated Graphics Port. Please see the corrigendum
11.	Section -4, Page-20/28 Item no: 7 - Archival Server	19" Rack-mountable Server with redundant hot-swappable SMPS.	1U / 2U Rack Mountable Server	As per query no. 7
12.	Section -4, Page-20/28 Item no: 7 - Archival Server	960 GB high speed SSD or M.2 for OS	M2 Drives are available with 240GB / 480GB only hence request you to please amend the clause as BOSS controller card + with 2 M.2 Sticks 480GB (RAID 1), Also as per Std. process OS HDD/M2 Drives has to configure with RAID 1 and asked configuration is with 1 No. 960GB SS/M2 Drive only hence please amend the Qty. as 2 with RAID 1	As per query no. 8
13.	Section -4, Page-20/28 Item no: 7 - Archival Server	6 TB Enterprise class SATA HDD for local storage.	Request you to please amend the same with 4 x 2TB NL SAS HDD instead of 1 No. 6TB SATA HDD for better usage of Internal Storage Capacity. Also if Single 6TB HDD fails entire data will be lose. Hence request you to amend the clause with 4 x 2TB NL SAS 7.2K RPM	Revised: Minimum 6 TB local storage with enterprise SATA/NL SAS/SAS Please see the corrigendum
14.	Section -4, Page-20/28 Item no: 7 - Archival Server	Ports Minimum 2x 1G Ports. Minimum 2x 10 GbE Ports. 2x USB 3.0 & 2x USB 2.0 Ports. Integrated Graphics Port.	Request you to please amend this clause as per below. Front: 1 x USB 2.0 & Rear: 2 x USB 3.0	As per query no. 10
15.	Section - 2, Page-6 Section 2 - Scope Of Work	Services for migrating data from Existing Tape library to New Tape Library.	Existing TAPE Library is LTO 5 whereas require LTO 8. LTO 8 Drive not supported LTO 5 in any form of Read or Write Data.	Since, Services for migrating data from Existing Tape library to New Tape Library is one time activity, bidder is expected to get it done themselves.

16.	Section - 2, Page-6 Section 2 - Scope Of Work	Successful bidder may have to move NLEs and Capture Systems to different room with-in same premises. It will be responsibility of successful bidder to take care of cabling and re-installation at different room.	We will responsible Internal Cabling from Rack to Device which is available in Rack in condition to all require cables should be available while movement from one room to another room. Rest all connectivity like power and others will be responsibility of End Customer.	The bidder was suggested to visit the site for clarity before submission of the bid.
17.	Section - 2, Page-6 Section 2 - Scope Of Work	Interconnection & configuration between new and existing setup should be done in such a way that all systems of new setup can access old storage and all systems of old setup can access new storage.	Need more clarity regarding path connectivity between old infra to new infra.	Connectivity between new and existing setup should be 10Gbps. For more clarity, bidder may visit the site before submission of the bid.
18.	Section - 3 General Terms & Conditions 36 - Penalty Clause	36.1 - a) If the bidder fails to deliver and install the requisite hardware and software within 60 working days from the date of issuance of purchase order, then a sum equivalent to two percent (2 %) of the value of the undelivered / uninstalled equipment i.e. due for delivery & installation as per given schedule will be deducted from the payment for each calendar week of delay or part thereof.	Requesting to amend the clause as- "If the bidder fails to deliver and install the requisite hardware and software within 60 working days from the date of issuance of purchase order, then a sum equivalent to 0.25% of the value of the undelivered / uninstalled equipment i.e. due for delivery & installation as per given schedule will be deducted from the payment for each calendar week of delay or part thereof." Justification:- The current penalty clause is very severe. Requesting to relax the clause as per terms & conditions of many other government departments. Generally, this clause is capped at 0.25% per week of the value of the undelivered / uninstalled equipment. Moreover, these penalties are also affected by site conditions.	No change. As per RFP
19.	Section - 3 General Terms & Conditions 36 - Penalty Clause	36.1 - b) The amount of penalties for delay in delivery and installation shall be subject to a maximum limit of 10% of the total contract value.	Requesting to amend the clause as- "The amount of penalties for delay in delivery and installation shall be subject to a maximum limit of 5% of the total contract value." Justification:- The current penalty clause is very severe. Requesting to relax the clause as per general conditions of many other government departments. The maximum limit for this clause is observed to be 5% and these penalties are also affected by site conditions.	No change. As per RFP
20.	Section - 3 General Terms &	36.2 - a) During maintenance / warranty period, if the	Requesting to amend the clause as "During maintenance / warranty period, if the complaint is not resolved within 48 hrs from the time of	No change. As per RFP

	<p>Conditions</p> <p>36 - Penalty Clause</p>	<p>complaint is not resolved within 48 hrs from the time of reporting of complaint, the penalty of Rs. 2,000 per day will be levied for the items/services supplied. However, if the complaints are not resolved within 7 days then from 8th day till 14th day, the penalty would be levied at Rs. 3,000 per day and from 15th day onwards the penalty at Rs. 4,000 per day would be levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period.</p>	<p>reporting of complaint, the penalty of Rs. 1,000 per day will be levied for the items/services supplied. However, if the complaints are not resolved within 7 days then from 8th day till 14th day, the penalty would be levied at Rs. 1,500 per day and from 15th day onwards the penalty at Rs. 2,000 per day would be levied. The amount of penalty will be recovered from the Performance bank guarantee during warranty period."</p> <p>Justification:- The maintenance / warranty is greatly dependent on the OEM's as well and the penalty clause is again very heavy.</p>	
21.	<p>36 - Penalty Clause</p>	<p>36.2 - b) The amount of maintenance / Warranty period Penalty shall be subject to a maximum limit of 10% of the total contract value.</p>	<p>Requesting to amend the clause as- "The amount of maintenance / Warranty period Penalty shall be subject to a maximum limit of 5% of the total contract value."</p> <p>Justification:- The current penalty clause is very severe. Requesting to relax the clause as per general conditions of many other government departments. The maximum limit for this clause is observed to be 5% and these conditions are OEM dependent too.</p>	<p>No change. As per RFP</p>
22.	<p>Section - 3 General Terms & Conditions</p> <p>36 - Penalty Clause</p>	<p>36.2 - c) Successful bidder should submit the Performance Bank Guarantee @ 10% of total order value for the duration of warranty period + extra 3 months as per bid requirements. In any case, bidder is required to maintain 10% PBG at all time during the period of contract. In case of any penalty claimed from the submitted PBG during the contract period, the successful bidder is required to submit the additional PBG of the amount equal to the penalty claimed for</p>	<p>Requesting this clause to be removed.</p> <p>Justification:- Bidders are asked to submit PBG as a security against penalties / performance glitches during the project period. There is no reason why bidders should be asked to provide a "top-up" on the PBG amount.</p>	<p>No change. As per RFP</p>

		the duration up to the validity of original Bank Guarantee. For example, "X" amount of penalty will be claimed during the 5th month of contract period, then bidder is required to submit the additional PBG of "X" amount for the period of 34 months i.e. 39 months - 5 months.		
23.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	16 GB cache memory per controller (Total 32 GB). Upgradable up to 64 GB. Should have cache backup facility like Super capacitor + Flash module or equivalent.	16 GB cache memory per controller (Total 32 GB). Upgradable up to 128 GB or higher either within chassis or by adding controllers for expansion and linear throughput of storage. Should have cache backup facility like cache de-staging to disk. Since this is throughput intensive setup , we would request GIL to amend the system cache memory requirement as suggested.	As per query no. 1
24.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	Ports 4x 10 GbE SFP+ Ports 8x 1 GbE iSCSI RJ-45 ports 2x 12 Gb/s SAS Expansion ports.	The Storage array should be supplied with 4x 10 GbE SFP+ Ports and scale upto 8 FC ports by adding 4 more ports in future 4x16Gbps FC ports and scale upto 8 FC ports by adding 4 more ports in future. 4x 12 Gb/s SAS host connection ports (Optional supported by SAN Storage) Having combination of 10Gbit SFP+, FC and SAS will enable department to have multiple host connectivity options, with FC ports must be included as this is native connectivity and will benefit department for future expansion and high speed efficient connectivity by addition appropriate Switch.	As per query no. 2
25.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	Should support up to 400 HDDs using additional Expansion enclosure.	The proposed array must support upto 1PB capacity expansion in future with NL-SAS drives. We request GIL NOT to bind the number of disks, rather ask for capacity expansion as suggested.	As per query no. 3
26.	Section -4, Page-17/28	RAID Support : RAID 0, 1, 5, 6, 10, 50, 60	RAID Support: RAID 0, 1, 5, 6, 10,	As per query no. 4

	Item no: 1 - 320 TB High Performance Storage Infrastructure		We request GIL to amend the RAID types to industry standard RAID types followed as all OEM do not support 50, 60. Moreover dual drive failure is taken care by RAID6, Hence these are not required as such.	
27.	Section -4, Page-17/28 Item no: 1 - 320 TB High Performance Storage Infrastructure	Expansion enclosure should have redundant controller and redundant power supply. 4x 12 Gb/s SAS ports (2 per controller) 2x SAS Cables for Connection with Storage Box.	This seems to be duplicate specs as these are already covered in the Point of Ports in the above specifications. Request GIL to remove these specs. None of the expansion enclosures (disk Enclosure) have controllers, While they do have SAS ports for enclosure expansion.	As per query no. 5
28.	Section -4, Page-18/28 Item No. 2: SAN Management Software	Item No. 2: SAN Management Software	we request GIL to remove this specifications As all OEM supply their own SAN Management software with SAN Storage, a separate Management software is NOT required. The specification asked are very basic and natively supported with OEM Array Management software with additional functionalities and features .	As per query no. 6
29.	Section -4, Page-18/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	19" Rack-mountable Server with redundant hot-swappable SMPS.	We request to change to 1U / 2U Rack Mountable Server	As per query no. 7
30.	Section -4, Page-18/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	960 GB high speed SSD or M.2 for OS	M2 Drives are available with 240GB / 480GB only hence request you to please amend the clause as BOSS controller card + with 2 M.2 Sticks 480GB (RAID 1), Also as per Std. process OS HDD/M2 Drives has to configure with RAID 1 and asked configuration is with 1 No. 960GB SS/M2 Drive only hence please amend the Qty as 2 with RAID 1	As per query no. 8
31.	Section -4, Page-	Windows Server OS latest	Please Clarify SQL License Details as it comes with Core Based / 5 User	As per query no. 9

	18/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	version compatible to MAM Software. SQL Server Compatible to MAM Software.	Based / 5 Device Based. Which license we need to quote here.	
32.	Section -4, Page-19/28 Item no: 4 - Server for SAN Management software and MAM Database / Application	Ports Minimum 2x 1G Ports. Minimum 2x 10 GbE Ports. 2x USB 3.0 & 2x USB 2.0 Ports. Integrated Graphics Port.	Request you to please amend this clause as per below. Front: 1 x USB 2.0 & Rear: 2 x USB 3.0	As per query no. 10
33.	Section -4, Page-20/28 Item no: 7 - Archival Server	19" Rack-mountable Server with redundant hot-swappable SMPS.	We request change to 1U / 2U Rack Mountable Server	As per query no. 7
34.	Section -4, Page-20/28 Item no: 7 - Archival Server	960 GB high speed SSD or M.2 for OS	M2 Drives are available with 240GB / 480GB only hence request you to please amend the clause as BOSS controller card + with 2 M.2 Sticks 480GB (RAID 1), Also as per Std. process OS HDD/M2 Drives has to configure with RAID 1 and asked configuration is with 1 No. 960GB SS/M2 Drive only hence please amend the Qty as 2 with RAID 1	As per query no. 8
35.	Section -4, Page-20/28 Item no: 7 - Archival Server	6 TB Enterprise class SATA HDD for local storage.	Request you to please amend the same with 4 x 2TB NL SAS HDD instead of 1 No. 6TB SATA HDD for better usage of Internal Storage Capacity. Also if Single 6TB HDD fails entire data will be lose. Hence request you to amend the clause with 4 x 2TB NL SAS 7.2K RPM	As per query no. 13
36.	Section -4, Page-20/28 Item no: 7 - Archival Server	Ports Minimum 2x 1G Ports. Minimum 2x 10 GbE Ports. 2x USB 3.0 & 2x USB 2.0 Ports. Integrated Graphics Port.	Request you to please amend this clause as per below. Front: 1 x USB 2.0 & Rear: 2 x USB 3.0	As per query no. 10
37.	Section -4, Page-19/28	Professional Desktop Audio Monitor Two-way Desktop reference speaker. Low	Request to clarify. Is this professional speaker specification which is been asked for?	Bidder may give professional speaker as per the specifications defined in the bid.

	Item No. 5: NLE Workstation for Video Editing	Frequency Driver: 3". High Frequency Driver: 1". Minimum 10 watts per channel. Frequency response: 80 HZ to 20 KHz. Input: L/R RCA Input and 1/8" aux input.		
38.	Section -4, Page-19/28 Item No. 5: NLE Workstation for Video Editing	Video I/O Ports IEEE 1394 Firewire card for capture & Tape Out to DVCAM/DV formats.	Now a days all Video connectivity is been done through Graphic cards thorough Display ports. As Graphic card already mentioned in the specification, request to clarify the purpose of these ports.	No change. As per RFP.
39.	Section -4, Page-19/28 Item No. 5: NLE Workstation for Video Editing	External USB 3.0 Video I/O Device HDMI In/Out Port. Analog Component Video In/Out Analog S-video In/Out Analog Composite Video In/Out Analog L/R Audio In/Out.	Same as above.	No change. As per RFP.
40.	Section - 4, Page - 18/28	Item No. 3: Network Infrastructure (Ethernet Switches)	16 port 10G Layer 3 Switch - Minimum Sixteen 10G ports out of which minimum eight ports should be SFP+ ports. - All 10G ports should be backward compatible to 1G. It should have management port. Support of VLANs, port trunking/link aggregation, Jumbo Frame. Modification required: 24 port 10G Base T/10G SFP+ Layer 3 Switch - All 10G ports should be backward compatible to 1G. It should have management port. Support of VLANs, port trunking/link aggregation, Jumbo Frame.	
41.	-	-	We request you change BG terms to 10% of Basic order value. Applicable GST is 18%. So in high value order amount of GST itself will be too high and so 10% value of GST amount also be huge. E.g. 18% GST of order with 1.5 Crore basic value is Rs. 27 Lakh and so 10% of that is Rs. 2.7 Lakh. There is no point in blocking this additional Rs. 2.7 Lakh for 40 months (PBG Period)	No Change. As per RFP