Additions

Sno	Page no	Section	Sub-Section	Additional Clause
1	Pg.59	Technical Specifications for Server Type 1 (2x32) - Rack Server	Security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks. Should protect against firmware which executes before the OS boots - Hardware based Root of Trust - Signed firmware updates - Secure default passwords - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System Drift Detection - Configuration upgrades should be only with cryptographically signed firmware and software
2	Pg.62	Technical Specifications for Server Type 2 (1x32) - Rack Server	Security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks. Should protect against firmware which executes before the OS boots - Hardware based Root of Trust - Signed firmware updates - Secure default passwords - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System Drift Detection - Configuration upgrades should be only with cryptographically signed firmware and software
3	Pg.64	Technical Specifications for Server Type 3 (1x8) - Rack Server	Security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks. Should protect against firmware which executes before the OS boots - Hardware based Root of Trust - Signed firmware updates - Secure default passwords - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System Drift Detection - Configuration upgrades should be only with cryptographically signed firmware and software
4	Pg.81	SAN Switch - Technical Specifications	Miscellaneous Points	The proposed SAN switch must have redundant power supply units built inside the box to draw power from 2 different power sources to manage power failures
5	Pg.82	1. Rack – 2 nos. at DC; 2 nos. at DR.	KVM and Monitor	KVM Switch supporting 1 local user, minimum 10 systems with On Screen Display, USB and PS/2 support with 10 nos. of Cable USB min. 6 ft with following description: Should support cascading to support upto 256 target devices. Should have ability to customize scanning times between attached systems with programmable auto scan Should use a 3-in-1 KVM cable that supports USB or PS/2 target devices Same OEM as that of server make - for Keyboard, Mouse and miniumum of 19" TFT Rack mountable and foldable monitor to be provided. Monitor resolution must be atleast 1280x1024 for standard ratio; 1440x900 for 16:19 aspect ratio. Monitor must support DVI-D and VGA ports. All the relevant product brochures and manuals must be submitted All the neccessary rail mounting kits must be provided on day 1 Should be 1U and rack mountable form factor. **1 unit of KVM & Monitor switch to be supplied at each site**

6	Pg.59	Technical Specifications for Server Type 1 (2x32) - Rack Server	OS Support	Certification and compliance (as on date of bid submission): Microsoft Windows Server and Hyper-V: OEM Should have certification for all versions of Windows Server Operating System from Windows Servers 2016 onwards. VMWare: OEM Should have certification for VMWare Esxi 6.7 and later versions. Red Hat-Enterprise Linux (RHEL): OEM Should have certification for RHEL 7.9 and higher versions. For Red hat OpenShift container platform 4.8-4.12 and 4.13-4.X should be supported. (Documentary proof should be attached).
7	Pg.62	Technical Specifications for Server Type 2 (1x32) - Rack Server	OS Support	Certification and compliance (as on date of bid submission): Microsoft Windows Server and Hyper-V: OEM Should have certification for Windows Servers 2016 and later versions. VMWare: OEM Should have certification for VMWare Esxi 6.7 and later versions. Red Hat-Enterprise Linux (RHEL): OEM Should have certification for RHEL 7.9 and higher versions. For Red hat OpenShift container platform 4.8-4.12 and 4.13-4.X should be supported.
8	Pg.64	Technical Specifications for Server Type 3 (1x8) - Rack Server	OS Support	Certification and compliance (as on date of bid submission): Microsoft Windows Server and Hyper-V: OEM Should have certification for Windows Servers 2016 and later versions. VMWare: OEM Should have certification for VMWare Esxi 6.7 and later versions. Red Hat-Enterprise Linux (RHEL): OEM Should have certification for RHEL 7.9 and higher versions. For Red hat OpenShift container platform 4.8-4.12 and 4.13-4.X should be supported. (Documentary proof should be attached).
9	Pg.56	Instructions to the Bidders	Submission of Bids through GeM portal	1.h. Any wilful/inadverdent non-submission of any of the relevant and required annexures/documents by the bidder during bid submission will result in outright disqualification. Hence, bidders are advised to take due care while preparing and submission of bid document