



SEDC/Server-Workstation/2K22-1109

Date: 02/08/2022

Corrigendum-IV

(Tender No. SEDC/Server-Workstation/2K22-1109)

HPSEDC published e-tender Notice No. SEDC/Server-Workstation/2K22-1109 on 06/05/2022 for Rate Contract of Servers, Workstations, Desktops, Laptops and Tablets.

Based on the queries received by the bidders, the following changes/ modifications/ clarifications/ specifications in the tender Section(s)/ Clause(s) are incorporated in the tender document by issuing of Corrigendum:

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
1.	Annexure V, Item No 1 Workstation: Option 1, Sr.No. 5	44	Memory Expandability: Up to 2TB DDR4 ECC memory or higher	Revised Clause: Memory Expandability: Up to 1.5TB DDR4 ECC memory or higher
2.	Annexure V, Item No 1 Workstation: Option 1, Sr.No. 18	45	Software: Artificial Intelligence Based system performance tuning software, which ensures optimum performance tuning for leading CAD/CAM/CAE	Revised Clause: Software: Artificial Intelligence Based system performance tuning software, which ensures optimum performance tuning
3.	Annexure V, Item No 2 Workstation (Option 2), Sr.No. 4	45	Drive Controller: On board six channel sata@ 6Gbps, RAID(0,1,5,10) or higher	Revised Clause: Drive Controller: On board six channel sata@ 6Gbps, RAID(0,1) or higher
4.	Annexure V, Item No 2 Workstation (Option 2), Sr.No. 8	46	I/O Ports: Min 4x USB TypeA 3.2 Min 4x USB TypeC 3.2 Min 2x USB TypeA 2.0	Revised Clause: I/O Ports: Min 4x USB TypeA 3.2 Min 2x USB TypeC 3.2 Min 2x USB TypeA 2.0

(Signature)

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
5.	Annexure V, Item No 2 Workstation (Option 2), Sr.No. 20	46	Type of Bundled Software: Artificial Intelligence Based system performance tuning software, which ensures optimum performance tuning for leading CAD/CAM/CAE	Revised Clause: Software: Artificial Intelligence Based system performance tuning software, which ensures optimum performance tuning
6.	Annexure V, Item No 3 Workstation (Option 3), Sr.No. 8	47	Expansion Slots: 1X PCI 32bit	This clause stands deleted
7.	Annexure V, Item No 3 Workstation (Option 3), Sr.No. 19	47	Type of Bundled Software: Artificial Intelligence Based system performance tuning software, which ensures optimum performance tuning for leading CAD/CAM/CAE	Revised Clause: Software: Artificial Intelligence Based system performance tuning software, which ensures optimum performance tuning
8.	Annexure V, Item No 4 Server (Option 1), Serial No 2	48	Form Factor: Max. 1U rack mounted with sliding rails	Revised Clause: Form Factor: Max 2U rack mounted with sliding rails
9.	Annexure V, Item No 4 Server (Option 1), Serial No 3	48	Supported CPU: Up to two 3rd Generation Intel® Xeon® Scalable processors with up to 40 cores per processor Support for up to 2 x 270W processors; Direct Liquid Cooling support.	Revised Clause: Supported CPU: Up to two 3rd Generation Intel Xeon Scalable processors with up to 40 cores per processor Support for up to 2 x 270W processors
10.	Annexure V, Item No 4 Server (Option 1), Serial No 8	48	Disks configured: 3* 800GB SSD SAS Write Intensive 12Gbps 512e 2.5in Hot-plug AG Drive, 10 DWPD drives 20* 3.84TB SSD SAS Read Intensive 12Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD drives BOSS-S2 controller card + with 2 M.2 480GB drives	Revised Clause: 3* 800GB SSD SAS Write Intensive 12Gbps 2.5in Hot-plug Drive, 10 DWPD drives 20* 3.84TB SSD SAS Read Intensive 12Gbps 2.5in Hot-plug Drive, 1 DWPD drives 2* 480GB NVMe SSD drives
11.	Annexure V, Item No 4 Server (Option 1), Serial No 10	48	I/O slots: Up to 3 x PCIe LP Slots Gen4 (x16/x16/x16) with SNAP I/O options or 2 x PCIe FH slots (Gen4)	Revised Clause: Up to 3 x PCIe LP Slots Gen4 or 2 x PCIe FH slots (Gen4)



Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
12.	Annexure V, Item No 4 Server (Option 1) , Serial No 12	48	Ethernet ports: 2 x 1GbE LOM + 1 x OCP 3.0	Revised Clause: Ethernet ports: 2 x 1GbE
13.	Annexure V, Item No 4 Server (Option 1) , Serial No 15	48	Management integration: Support for integration with Microsoft System Center, VMware vCenter, BMC Software	Revised Clause: Management integration: Support for integration with Microsoft System Center, VMware vCenter
14.	Annexure V, Item No 4 Server (Option 1) , Serial No 18	49	Configuration & management Management: <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile 	Revised Clause: Configuration & management Management: <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Automated hardware configuration <ul style="list-style-type: none"> • Repository manager and self-updating firmware system • Support for Redfish API for simple and secure management of scalable platform hardware • Out-of-band hardware & firmware inventory • Auto configuration to auto deploy a baseline server configuration profile

257

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
15.	Annexure V, Item No 4 Server (Option 1), Serial No 20	49	Server security: Should have a cyber-resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks. Should provide effective protection, reliable detection & rapid recovery using: - Silicon-based Hardware Root of Trust - Signed firmware updates - Configuration and firmware drift detection - Automatic BIOS recovery - Rapid OS recovery - System erase	Revised Clause: Server security: Should have a hardened server design for protection, detection & recovery from cyber-attacks on hardware. Should provide effective protection, reliable detection & rapid recovery using: - Silicon-based Hardware Root of Trust - Signed firmware updates - Configuration and firmware drift detection - Automatic BIOS recovery - System erase
16.	Annexure V, Item No 5 Server (Option 2), Serial No 3	50	Supported CPU: Up to two 3rd Generation Intel® Xeon® Scalable processors with up to 40 cores per processor Support for up to 2 x 270W processors; Direct Liquid Cooling support	Revised Clause: Supported CPU: Up to two 3rd Generation Intel Xeon Scalable processors with up to 40 cores per processor Support for up to 2 x 270W processors
17.	Annexure V, Item No 5 Server (Option 2), Serial No 5	50	Memory slots: Up to 16 x DDR4 RDIMMs	Revised Clause: Memory slots: Up to 32 x DDR4 RDIMMs
18.	Annexure V, Item No 5 Server (Option 2), Serial No 7	50	Disks supported: Up to 4 x 3.5" SAS/SATA HDD OR Up to 10 x 2.5" SAS/SATA HDD or SSD OR Up to 8 x 2.5" NVMe RAID	Revised Clause: Disks supported: Should support SAS, SATA and NVMe drives
19.	Annexure V, Item No 5 Server (Option 2), Serial No 8	50	Disks configured: 2* 960GB SATA SSD Mixed Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD drive	Revised Clause: Disks configured: 2* 960GB SATA SSD Mixed Use 6Gbps 2.5in Hot-plug Drive
20.	Annexure V, Item No 5 Server (Option 2), Serial No 11	50	Ethernet ports: 4* 10G SFP+ Ports, 2 x 1GbE LOM + 1 x OCP 3.0	Revised Clause: Ethernet ports: 4* 10G SFP+ Ports, 2 x 1GbE ports
21.	Annexure V, Item No 5 Server (Option 2),	50	Management integration: Support for integration with Microsoft System Center, VMware vCenter, BMC	Revised Clause: Management integration: Support for integration with Microsoft System Center, VMware

Handwritten signature/initials.

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
	Serial No 15		Software	vCenter
22.	Annexure V, Item No 5 Server (Option 2), Serial No 18	50	Configuration & management: <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware 	Revised Clause: Configuration & management: <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration <ul style="list-style-type: none"> • Repository manager and self-updating firmware system • Support for Redfish API for simple and secure management of scalable platform hardware



Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
23.	Annexure V, Item No 5 Server (Option 2), Serial No 20	50	<p>Server security: Should have a cyber-resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks. Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase 	<p>Revised Clause: Server security: Should have a hardened server design for protection, detection & recovery from cyber-attacks on hardware. Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Configuration and firmware drift detection - Automatic BIOS recovery - System erase
24.	Annexure V, Item No 6 Server (Option 3), Serial No 8	51	<p>Disks configured: 4* 2.4 TB 10K SAS 2* 960GB SAS SSD RI Drive, 1 DWPD</p>	<p>Revised Clause: Disks configured: 4* 2.4 TB 10K SAS 2* 960GB SSD RI Drive, 1 DWPD or better</p>
25.	Annexure V, Item No 6 Server (Option 3), Serial No 9	51	<p>RAID Controller: HW RAID Card with 8 GB Cache or higher</p>	<p>Revised Clause: RAID Controller: HW RAID Card with 4 GB Cache per card or higher</p>
26.	Annexure V, Item No 6 Server (Option 3), Serial No 14	52	<p>Management integration: Support for integration with Microsoft System Center, VMware vCenter, BMC Software</p>	<p>Revised Clause: Management integration: Support for integration with Microsoft System Center, VMware vCenter</p>

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
27.	Annexure V, Item No 6 Server (Option 3), Serial No 17	52	<p>Configuration & management:</p> <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware 	<p>Revised Clause:</p> <p>Configuration & management:</p> <ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration • Repository manager and self-updating firmware system • Support for Redfish API for simple and secure management of scalable platform hardware
28.	Annexure V, Item No 6 Server (Option 3), Serial No 19	52	<p>Server security:</p> <p>Should have a cyber-resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks.</p> <p>Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Secure default passwords - Configuration and firmware drift detection - Automatic BIOS recovery - Rapid OS recovery - System erase 	<p>Revised Clause:</p> <p>Server security:</p> <p>Should have a hardened server design for protection, detection & recovery from cyber-attacks on hardware.</p> <p>Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Configuration and firmware drift detection - Automatic BIOS recovery - System erase

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
29.	Annexure V, Item No 7 Server (Option 4), Serial No 5	53	Disks supported: Up to 12 x 3.5" SAS/SATA HDD Up to 12 x 3.5" SAS/SATA HDD + 2 x 2.5" Rear Up to 16 x 2.5" SAS/SATA HDD or SSD Up to 16 x SAS/SATA HDD or SSD + 8 x NVMe	Revised Clause: Disks supported: Should support SAS, SATA and NVMe drives
30.	Annexure V, Item No 7 Server (Option 4), Serial No 7	53	I/O slots: Up to 5 x PCIe Gen4 (5 x16), 1 x PCIe Gen3 (1:x8)	Revised Clause: I/O slots: Up to 5 x PCIe Gen4
31.	Annexure V, Item No 7 Server (Option 4), Serial No 8	53	Ethernet ports: 2 x 1GbE LOM + 1 x OCP 3.0	Revised Clause: Ethernet ports: 2 x 1GbE
32.	Annexure V, Item No 7 Server (Option 4), Serial No 10	53	Power Supply: Platinum rated redundant Hot plug Power Supplies with hot plug fans	Revised Clause: Power Supply: Redundant Hot plug Power Supplies with redundant system hot plug fans
33.	Annexure V, Item No 7 Server (Option 4), Serial No 14	53	Configuration & management: • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system	Revised Clause: Configuration & management: • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • auto configuration to auto deploy a baseline server configuration profile • Automated hardware configuration • repository manager and self-updating firmware system • Support for Redfish API for simple and secure management of scalable platform hardware

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
			<ul style="list-style-type: none"> • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware 	
34.	Annexure V, Item No 7 Server (Option No 4), Serial No 16	54	<p>Server security: Should have a cyber-resilient architecture for a hardened server design for protection, detection & recovery from cyber-attacks Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase <p>Configuration upgrades should be only with cryptographically signed firmware and software Should provide system lockdown feature to prevent change (or “drift”) in system firmware image(s) & prevent malicious modification of server firmware</p>	<p>Revised Clause: Server Security: Should have a hardened server design for protection, detection & recovery from cyber-attacks on hardware Should provide effective protection, reliable detection & rapid recovery using:</p> <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Configuration and firmware drift detection - Automatic BIOS recovery - System erase <p>Configuration upgrades should be only with cryptographically signed firmware and software Should provide system lockdown feature to prevent change (or “drift”) in system firmware image(s) & prevent malicious modification of server firmware</p>
35.	Annexure V, Item No 4, 5,6,7,8,9,10 and 11, Server (Option 1 to 8), Sr.No. 1	54	<p>Market position: The OEM for the proposed server must be in Leaders quadrant in the last two Gartner’s report of “Magic Quadrant for Modular Servers” & should have been one of the top three server vendors (by market share revenue in IDC or Gartner report) in any of the previous 2 quarters</p>	This clause stands deleted

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
36.	Annexure V, Item No 8 Server (Option No 5), Serial No 3	54	Processors: One or Two AMD EPYC 8 core 3.7 GHz processor 128 MB Cache	Revised Clause: Processors: Two latest generation AMD EPYC 8 core 3.7 GHz processor 128 MB Cache
37.	Annexure V, Item No 8 Server (Option No 5), Serial No 9	55	Power: Two redundant hot-swap power supplies	Revised Clause: Power: Redundant Hot plug Power Supplies with redundant system hot plug fans
38.	Annexure V, Item No 9 Server (Option No 6), Serial No 3	55	Processors: One or Two AMD EPYC 16 core 3 GHz processor 128 MB Cache	Revised Clause: Processors: Two latest generation AMD EPYC16 core 3 GHz processor 128 MB Cache
39.	Annexure V, Item No 9 Server (Option No 6), Serial No 9	55	Power: Two redundant hot-swap power supplies	Revised Clause: Power: Redundant Hot plug Power Supplies with redundant system hot plug fans
40.	Annexure V, Item No 10 Server (Option No 7), Serial No 3	56	Processors: One or Two AMD EPYC 32 core 2.6 GHz processor 128 MB Cache	Revised Clause: Processors: Two latest generation AMD EPYC 32 core 2.6 GHz processor 128 MB Cache
41.	Annexure V, Item No 10 Server (Option No 7), Serial No 9	56	Power: Two redundant hot-swap power supplies	Revised Clause: Power: Redundant Hot plug Power Supplies with redundant system hot plug fans
42.	Annexure V, Item No 11 Server (Option No 8), Serial No 3	57	Processors: One or Two AMD EPYC 64 core 2 GHz processor 256 MB Cache	Revised Clause: Processors: Two latest generation AMD EPYC 64 core 2 GHz processor 256 MB Cache
43.	Annexure V, Item No 11 Server (Option No 8), Serial No 9	57	Power: Two redundant hot-swap power supplies	Revised Clause: Power: Redundant Hot plug Power Supplies with redundant system hot plug fans



Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
44.	Annexure V, Item No 15 All in One Desktops (AMD), 21" or higher , Serial No 10	58	2 x USB 3.0, 2 x USB 2.0, Card reader, 2 x audio/ 1x Universal Audio Jack, VGA/ HDMI/ DP, 10/100/1000M Gb IPV6 Compliant LAN	Revised Clause: 2 x USB 3.0, 2 x USB 2.0, 2 x audio/ 1x Universal Audio Jack, VGA/ HDMI/ DP, 10/100/1000M Gb IPV6 Compliant LAN
45.	Annexure V, Item No 16 All in One Desktops (AMD), 21" or higher, Serial No 10	59	3 x USB 3.0, 2 x USB 2.0, Card reader, 2 x audio/ 1x Universal Audio Jack, VGA/ HDMI/ DP, 10/100/1000M Gb IPV6 Compliant LAN	Revised Clause: 2 x USB 3.0, 2 x USB 2.0, 2 x audio/ 1x Universal Audio Jack, VGA/ HDMI/ DP, 10/100/1000M Gb IPV6 Compliant LAN
46.	Annexure V, Item No 17 All in One Desktops (AMD), 21" or higher, Serial No 10	59	4 x USB 3.0, 2 x USB 2.0, Card reader, 2 x audio/ 1x Universal Audio Jack, VGA/ HDMI/ DP, 10/100/1000M Gb IPV6 Compliant LAN	Revised Clause: 2 x USB 3.0, 2 x USB 2.0, 2 x audio/ 1x Universal Audio Jack, VGA/ HDMI/ DP, 10/100/1000M Gb IPV6 Compliant LAN
47.	Annexure V, Item No 21: FHD Laptop 14 Inch with Intel Core i3 Processor, Serial No 1	60	Processor Support: Intel® Core i3 with 10th Generation Processor or higher	Revised Clause: Processor Support: Intel Core i3 with 11th Generation Processor or higher
48.	Annexure V, Item No 22: FHD Laptop 14 Inch with Intel Core i5 Processor , Serial No 1	60	Processor Support: Intel® Core i3 with 10th Generation Processor or higher	Revised Clause: Processor Support: Intel Core i5 with 11th Generation Processor or higher
49.	Annexure V, Item No 22 FHD Laptop 14 Inch with Intel Core i5 Processor , Serial No 11	60	Keyboard & Mouse: OEM English Keyboard (it must have soft keys) with Mouse track pad	Revised Clause: Keyboard & Mouse: OEM English Keyboard (it must have soft keys) with Mouse track pad and spill resistant Keyboard

Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
50.	Annexure V, Item No 23 FHD Laptop 14 Inch with Intel Core i5 Processor with SSD, Serial No 1	61	Processor Support: Intel® Core i5 with 10th Generation Processor or higher	Revised Clause: Intel Core i5 with 11th Generation Processor or higher
51.	Annexure V, Item No 23, FHD Laptop 14 Inch with Intel Core i5 Processor with SSD	61	Laptop at Sr. No. 21 FHD Laptop 14 inch touch screen with Intel i5 with 10th Generation Processor or higher, stylus, with 512 GB M.2 NVMe SSD in lieu of 1TB HDD	Revised Clause: Laptop at Sr. No. 21 FHD Laptop 14 inch touch screen with Intel i5 with 11th Generation Processor or higher, with 512 GB M.2 NVMe SSD
52.	Annexure V, Item No 24 FHD Laptop 14 Inch with Intel Core i7 Processor with SSD, Serial No 1	61	Processor Support: Intel® Core i7 with 10th Generation Processor or higher	Revised Clause: Intel Core i7 with 11th Generation Processor or higher
53.	Annexure V, Item No 24, FHD Laptop 14 Inch with Intel Core i7 Processor with SSD	61	Laptop at Sr. No. 21 FHD Laptop 14 inch touch screen with Intel i5 with 10th Generation Processor or higher, stylus, with 512 GB M.2 NVMe SSD in lieu of 1TB HDD	Revised Clause: Laptop at Sr. No. 21 FHD Laptop 14 inch touch screen with Intel i5 with 11th Generation Processor or higher, with 512 GB M.2 NVMe SSD
54.	Item No 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 and 29, Sr.No- 2	57-61	Operating System: Windows 10 Pro, 64 bit	Revised Clause: Operating System: Windows SL (Single Language)
55.	Item No 12, 13, 14, 15, 16, 17, 18, 19 and 20, Serial No- 5	57-60	Storage: 1TB HDD (7200 RPM or above)	Revised Clause: Storage: 256 GB SSD primary drive along with 1TB HDD (7200 RPM or above)



Sr. No.	Clause No. in RFP	Page Number	Clause	Clarifications and Tender document clause may be read as
56.	Item No 21, 22, 23, 24, 25, 26, 27, 28 and 29, Serial No- 4	60-61	Storage: 1TB HDD (5400 RPM or above)	Revised Clause: Storage: 512GB M.2 NVMe SSD or better

Specifications for New added **Item No 46: All-in-One Computer with Intel i9 processor**

Sr.No.	Technical Specifications	Compliance (Yes/No)
1.	11th Generation Intel Core i9 processor	
2.	Operating system Windows 10 Pro (Includes Windows 11 Pro License) English 64 Bit	
3.	RAM: 32 GB DDR expendable up to 64 GB having 2 DDR4 DIMM Slots	
4.	Storage: 1TB, PCIe Gen 4 SSD, Optical Drive (R/W), 8GB Graphic card	
5.	23" or better FHD 1920x1080 WVA Non-Touch Anti-Glare with camera	
6.	2XUSB 3.0, 2X USB 2.0, USB 3.2 Gen2 Type-A Ports With Smart Power, USB 3.2 Gen2 Type-C Port, USB 3.2 Gen1 Type-A Port With Powershare, HDMI port, Full HD Webcam, HDMI-In Port, HDMI-Out Port DP++1.4/HDCP 2.3 Port, RJ-45 Port 10/100/1000 Mbps, SD 4.0 Card Slot, Universal Audio Jack , Internal speaker,	
7.	Array Microphones	
8.	Wireless Mouse, English Wireless Keyboard	
9.	Three years comprehensive onsite warranty from the date of complete installation	

Add on Items:

Serial No.	Item Description	Compliance (Yes/No)
1.	For Laptops: 1 TB SSD in lieu of 512 GB SSD	
2.	For Laptops: 1 TB SSD	
3.	For Laptops: 16 GB DDR4 RAM in lieu of 8 GB DDR4 RAM	
4.	For Laptops: 8 GB DDR4 RAM	



5.	For Laptops: 16 GB DDR4 RAM	
6.	For Desktop: 1 TB SSD	
7.	For Desktop: 512 GB SSD	
8.	For Desktop: 256 GB SSD	
9.	For Desktops: 16 GB DDR4 RAM in lieu of 8 GB DDR4 RAM	
10.	For Desktops: 8 GB DDR4 RAM	
11.	For Desktops: 16 GB DDR4 RAM	
12.	USB Wi-fi Adaptor	
13.	Windows Professional 64 Bit in lieu of Windows SL (Single Language)	
14.	Windows Home 64 Bit in lieu of Windows SL (Single Language)	

Note: Bidders are requested to quote the rates of add-on items positively for Computer, All-in-one desktops and laptops, otherwise the bid will not be accepted by the committee in financial evaluation.

Item No: 30, 31, 32, 42, 43, 44 and 45 stands deleted from Section V of the tender, and for these deleted items, a separate tender will be floated.

Note: While submitting bids, bidders are requested to modify bidding formats, checklists, BoQ and other relevant sections (as applicable) of the tender document in accordance with the above-mentioned revisions and clarifications.

Last date for bid submission is extended from 06/07/2022 to 16/08/2022 till 2.30 PM and same will be opened on 17/08/2022 at 2.30PM.

 
General Manager (Technical)