Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

Amendments & Clarifications:

1. **Additional Line item: AMD Ryzen 7 Processor PC**

Details	Specification	Complied/ Not Complied
Make	Please mention the make quoted	
Model	Please mention the model quoted	
CPU Make	**AMD Ryzen 7 2700 (3.2Ghz, 8 Cores, 16 Threads, 20MB Cache) 12 nanometer processor or better (PassMark CPU benchmark will be considered for comparison)**	
L3 Cache	16 MB Cache or above	
Bus Speed	8 GT/s or above	
Motherboard & Chipset Features	AMD original or OEM motherboard with latest generation compatible AMD Chipset. Certificate from OEM regarding the compatibility (Documentary Proof) should be submitted.	
RAM	16GB 2400MHz DDR4 RAM or above upgradable up to 32GB or more with minimum 2 DIMM slots.	
Hard Disk	1 TB HDD (7200 RPM) hard disk or higher capacity	
Monitor	19.5" or above TFT Monitor with TCO'06 certification (TCO '06 certificate mentioning OEM of Monitor should be produced). Monitor and PC should be from same OEM.	
VGA	Discrete Graphics Card with 1GB or above Video Memory	
Keyboard	104 (or above) keys mechanical keyboard with USB Interface	
Mouse	Two Button Optical Scroll Mouse with USB Interface (Same make as OEM)	
Network Card	10/100/1000 Mbps Ethernet port on-board	
SMPS	180 watts or above. Should be capable to support fully populated and configured PC. Power cables should be supplied to suit Indian Environment.	
PCI Slots	Minimum of 1 free PCI/PCIe Series Slots after populating all required adapter.	
Cabinet	Micro ATX Cabinet	

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

Details	Specification	Complied/ Not Complied
Ports	1 serial, 1 VGA (All ports should be on board / Add on PCI Card)	
	2 USB 3.0 ports and 4 USB 2.0 or more ports. At least 2 USB ports shall be in the front side of Cabinet.	
Operating System	Microsoft Windows 10 Professional 64-bit OS needs to be installed. Recovery CD/DVD media to be supplied.	
Support	Hardware should be 64-bit	
Certification	Microsoft Windows 10 certified.	
IPV6 and IPV4	Should be IPV6 and IPV4 compatible	
Warranty & AMC	3 Years Onsite Comprehensive Warranty and 2 Year Onsite Comprehensive AMC including PC, Monitor and other peripherals/ accessories supplied.	
Other Technical Requirements	Make and Model of the PC should be mentioned.	
	Chassis, Monitor, Keyboard and mouse to be of same colour. Vendor must furnish and affix genuine windows 10 logo on front side of CPU.	
	OS need to be installed by the successful bidder. All the other necessary software (Antivirus Software, OS Patches, DLP Agent, NAC Agent etc) which will be provided by bank also needs to be installed by the successful bidder.	
	Detailed Hardware Compatibility Test Report issued by Microsoft to be submitted along with tender document.	
	OS needs to be installed by the successful bidder as per the requirement of the bank during warranty and AMC period without any additional financial cost.	
	Bit-locker should be enabled by default.	
	Wi-Fi and Bluetooth adapter, if available as built-in should be disabled at the time of installation.	

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

2. Additional Line item: AMD Ryzen 5 Processor PC

Details	Specification	Complied/ Not Complied
Make	Please mention the make quoted	
Model	Please mention the model quoted	
CPU Make	AMD Ryzen 5 2600 (3.4Ghz, 6 Cores, 12 Threads, 19MB Cache) 12 nanometer processor or better(PassMark CPU benchmark will be considered for comparison)	
L3 Cache	16MB Cache or above	
Bus Speed	8 GT/s or above	
Motherboard & Chipset Features	AMD original or OEM motherboard with latest generation compatible AMD Chipset. Certificate from OEM regarding the compatibility (Documentary Proof) should be submitted.	
RAM	8GB DDR4 RAM @ 2133MHz or above upgradable up to 32GB or more with minimum 2 DIMM slots.	
Hard Disk	1 TB HDD (7200 RPM) hard disk or higher capacity	
Monitor	19.5" or above TFT Monitor with TCO'06 certification (TCO '06 certificate mentioning OEM of Monitor should be produced). Monitor and PC should be from same OEM.	
VGA	Discrete Graphics Card with 1GB or above Video Memory	
Keyboard	104 (or above) keys mechanical keyboard with USB Interface	
Mouse	Two Button Optical Scroll Mouse with USB Interface (Same make as OEM)	
Network Card	10/100/1000 Mbps Ethernet port on-board	
SMPS	180 watts or above. Should be capable to support fully populated and configured PC. Power cables should be supplied to suit Indian Environment.	
PCI Slots	Minimum of 1 free PCI/PCIe Series Slots after populating all required adapter.	
Cabinet	Micro ATX Cabinet	
Ports	1 serial, 1 VGA (All ports should be on board / Add on PCI Card)	
	2 USB 3.0 ports and 4 USB 2.0 or more ports.	

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

Details	Specification	Complied/ Not Complied
	At least 2 USB ports shall be in the front side of Cabinet.	
Operating System	Microsoft Windows 10 Professional 64-bit OS needs to be installed. Recovery CD/DVD media to be supplied.	
Support	Hardware should be 64-bit	
Certification	Microsoft Windows 10 certified.	
IPV6 and IPV4	Should be IPV6 and IPV4 compatible	
Warranty & AMC	3 Years Onsite Comprehensive Warranty and 2 Year Onsite Comprehensive AMC including PC, Monitor and other peripherals/accessories supplied.	
Other Technical Requirements	Make and Model of the PC should be mentioned.	
	Chassis, Monitor, Keyboard and mouse to be of same colour. Vendor must furnish and affix genuine windows 10 logo on front side of CPU.	
	OS need to be installed by the successful bidder. All the other necessary software (Antivirus Software, OS Patches, DLP Agent, NAC Agent etc) which will be provided by bank also needs to be installed by the successful bidder.	
	Detailed Hardware Compatibility Test Report issued by Microsoft to be submitted along with tender document.	
	OS needs to be installed by the successful bidder as per the requirement of the bank during warranty and AMC period without any additional financial cost.	
	Bit-locker should be enabled by default.	
	Wi-Fi and Bluetooth adapter, if available as built-in should be disabled at the time of installation.	

इंडियन बैंक   **Indian Bank**   ALLAHABAD

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

3. General Query\Other terms and conditions:

Sl No	RFP Title	RFPPg. No.	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1	Other terms and conditions	24	In case of LaserJet Printer, all the parts of the LaserJet Printer should be covered except toner during warranty Period and AMC Period	Zonal/Branches should use OEM original Toner cartridges during the warranty Period. If it is refilled cartridges Printer warranty will be void as per the OEM policy	No Change
2	Other terms and conditions	24	In case of Dot matrix Printers, all parts of the Dot Matrix Printers (80 & 130 Col) including Print head should be covered except Plastic parts during warranty Period	In case of Dot matrix Printers, all parts of the Dot Matrix Printers (80 & 130 Col) including Print head should be covered except Plastic parts and Ribbon Cartridge during warranty Period. Also Branches should use Original OEM cartridges till the warranty Period.	No Change
3	-	-	General query	We first draw your attention to the specifications provided for Laptops with i7, i5 and i3 Processors as well as 2-in-1 Laptops. The referenced specifications allow for only Intel microprocessors to the exclusion of all other brands. In effect, this allows one single vendor the opportunity to price its offerings in the	Please refer to amendment no. 1 & 2.

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

SI No	RFP Title	RFPPg. No.	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
				absence of any competition, and severely disadvantages the ability of the procurement process to maximize cost-effectiveness and performance to Indian Bank's best interest.	
4	-	-	General query	We also draw your attention to the specifications provided for "i7 Processor PC", "i5 Processor PC", and "i5 Processor All-in-One PC". The provision in these specifications that allows non-Intel processors to also be quoted is severely hampered by the choice of Benchmark Tests i.e. SYSMARK 2018 and SPEC CPU 2018 -	No Change

4. Specification for i7 processor PC – Pg 32 and 33

SI No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/ Clarification
1.	CPU Make & Processor	Intel core i7-9700 processor 3.0 GHZ or higher. If the processor quoted is higher than the spec name should be specified and the documentary proof as per the	Please confirm the use case of i7 Processor, We would recommend i5 -9500 Processor , (3.0GHZ - 4.4Ghz) Processor	No Change

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

		SPEC CPU 2017 or SYSMARK 2018 should be submitted		
2.	Motherboard & Chipset Features	Intel/AMD original OR OEM Mother Board with Latest Generation Compatible Intel/AMD Chipset. Certificate from the OEM regarding the compatibility (Documentary Proof) should be submitted.	If use case is for i7 offerings would recommend Q370 Chipset. For high computing , it is preferred to go for Qseries chipset over B/H Series	**Amended Clause:** Intel or OEM Mother Board with Q370 chipset or higher.
3.	RAM	16 GB DDR4 RAM @ 2400 MHz or above upgradable up to 32 GB OR more with minimum 2 DIMM slots.	would 1 x 16 (2600 MHz) GB single module , expandability upto 64 GB with 4 DIMM Slots , preferred for future proof	Minimum 2 DIMM slots are required, out of which one is to be populated with 16 GB DDR4 RAM @ 2600 MHz and one will available for future upgradeability.
4.	HDD	1 TB HDD SATA(7200 RPM) hard disk or higher capacity H ITACH I/SEAGATE/W ESTERN DIGITAL	Any reason to specify make of HDD	No change
5.	VGA	Integrated Graphics Card with 1GB or above Video Memory	recommended Integrated UHD graphics 630 , Integrated Graphics does not have any dedicated graphics , it uses the VRAM to dynamically allocate memory , can go as high as 64 GB depending on RAM and workload etc	No Change
			Do you need dedicated graphics card with 1 GB Memory or just need Intel UHD 630 Integrated graphics	
6.	Monitor	19.5" or above TFT Monitor with TCO"06 certification (TCO "06 certificate mentioning OEM of	Request Bank To Amend :- 21" or above TFT Monitor with	No Change

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

		Monitor should be produced). Monitor and PC should be from same OEM.	Speaker & TCO"07 certification or higher (TCO certificate mentioning OEM of Monitor should be produced). Monitor and PC should be from same OEM.	
7.	SMPS	200 watts or above. Should be capable to support fully populated and configured PC. Power cables should be supplied to suit Indian Environment.	Would recommend 85% efficiency 180w and above	**Amended Clause:** SMPS of 180 watts or above. Should be capable to support fully populated and configured PC. Power cables should be supplied to suit Indian Environment.
8.	Cabinet	Micro ATX Cabinet	Would recommend to specify Volume - 8L or 10L Chasis Please confirm if the ask is on TINY OR TOWER / SFF (PSU ask is 200w +)	No Change
9.	Operating System	Microsoft Windows 10 Professional 64 bit OS needs to be installed. Recovery CD/DVD media to be supplied.	would recommend to have for Recovery Partition Instead of DVD/RW , as DVD is not asked with the system as well.	No Change
10	Support	Hardware should be 64 bit	Would recommend Hardware TPM	No Change

5. Specification for i5 processor PC – Pg 33- 35

Sl No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	Motherboard & Chipset features:	Intel/AMD original OR OEM Mother Board with Latest Generation Compatible Intel/AMD Chipset. Certificate from the OEM regarding the compatibility	Would recommend H370/B360 Chipset	**Amended Clause:** Intel/AMD original OR OEM Mother Board with B360 Chipset or above. Certificate

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

		(Documentary Proof) should be submitted.		from the OEM regarding the compatibility (Documentary Proof) should be submitted.
2.	RAM :	1* 8GB DDR4 RAM @ 2133MHz or above upgradable up to 16GB OR more with minimum 2 DIMM slots.	Would recommend 8GB 2600MHZ Upgradeable upto 32GB with 2 DIMMs	Minimum 2 DIMM slots are required, out of which one is to be populated with 8 GBDDR4 RAM @ 2133MHz and one will available for future upgradeability.
3.	VGA :	Integrated Graphics Card with 1 GB or above Video Memory	recommended Integrated UHD graphics 630 , Integrated Graphics does not have any dedicated graphics , it uses the VRAM to dynamically allocate memory , can go as high as 64 GB depending on RAM and workload etc Do you need dedicated graphics card with 1 GB Memory or just need Intel UHD 630 Integrated graphics	No Change
4.	Monitor	19.5" or above TFT Monitor with TCO"06 certification (TCO "06 certificate mentioning OEM of Monitor should be produced). Monitor and PC should be from same OEM.	Request Bank To Amend :- 21" or above TFT Monitor with Speaker & TCO"07 certification or higher (TCO certificate mentioning OEM of Monitor should be produced). Monitor and PC should be from same OEM.	No Change
5.	SMPS:	200 watts or above. Should be capable to support fully populated and configured PC.	Would recommend 85% efficiency	**Amended Clause:** SMPS of 180 watts or above.

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

		Power cables should be supplied to suit Indian Environment.	180w and above	Should be capable to support fully populated and configured PC. Power cables should be supplied to suit Indian Environment.
6.	Cabinet :	Micro ATX Cabinet	Would recommend to specify Volume -20L Chasis	No Change
			Please confirm if the ask is on TINY OR TOWER / SFF (PSU ask is 200w +)	
7.	Ports :	1 serial , 1 VGA((All ports should be on board / Add on PCI Card) 2 USB 3.0 ports and 4 USB 2.0 ports or above ports. Atleast 2 USB ports shall be in the front side of Cabinet	Would recommend to add Serial and Parallel Port option	No Change
8.	Operating System:	Microsoft Windows 10 Professional 64 bit OS needs to be installed. Recovery CD/DVD media to be supplied.	would recommend to have for Recovery Partition Instead of DVD/RW , as DVD is not asked with the system as well.	No Change
9.	Support :	Hardware should be 64 bit	Would recommend Hardware TPM	No Change

6. Specification for i7 AIO processor PC – Pg 35- 36

SI No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	Motherboard & Chipset features:	Intel original OR OEM Mother Board with Latest Generation Compatible Intel Chipset. Certificate from the OEM regarding the compatibility (Documentary Proof) should be	Would recommend to specify Q370 series chipset for i7 Processor	**Amended Clause:** Intel or OEM Mother Board with Q370 chipset or higher. Certificate from the OEM regarding the compatibility (Documentary Proof) should be

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

		submitted.		submitted.
2.	Harddisk Drive:	1 TB 7200 RPM or higher with minimum two SATA connectors on Motherboard	would recommend 1 TB 7200 RPM (2.5" HDD) with 2 M.2 Slot. M.2 slots have higher performance than SATA	No Change
3.	Display :	23" or above wide LED 16:9 (1680*900) or better Digital Colour monitor	23.8" IPS Wide Viewing Angle WLED, Full HD 1920x 1080 resolution with projected capacitive touch screen with Glare-free; if for senior management and height adjustable stand	**Amended Clause:** 23" or above wide LED 16:9 (1680*900) or better Digital Colour monitor with height adjustable stand.
			Request you to change to 23.8" with FHD display (1920 x 1080)	
			23" or above wide LED 16:9 (1920 X 1080) or better Digital Colour monitor	
4.	DVD :	8X or better DVDRW Drive (Internal / External)	Would suggest tohave height adjustable stand along with ODD	No Change
5.	Ports :	3 USB ports with atleast one USB 3.0 port, 1 Mic., One No. of 3.5 mm Headphone Jack or combo mic headphones jack, 1 RJ - 45, 1 Display port/ HDMI port	3 USB ports with atleast one USB 3.1 Type C Gen 2 (10g Port), HDMI IN and OUT	No Change
			3 USB ports with at least one USB 3.0 Type C port	
6.	Webcam :	1.0 Megapixel HD or above	2.0MP Full HD Webcam Infrared Webcam supporting Windows Hello	No Change

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

| 7. | Operating System: | Microsoft Windows 10 Professional 64 bit OS to be provided and installed and recovery media to be provided. | would recommend to have for Recovery Partition Instead of DVD/RW , as DVD is not asked with the system as well. | No Change |
| 8. | Power Supply: | Power cable / Adaptor should be supplied to suit Indian Environment | Would recommend to add 92% Power efficiency | No Change |

7. Specification for i5 AIO processor PC – Pg 36- 38

Sl No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	CPU make & Processor :	Intel core i5-9400 processor 2.9GHZ or higher.If the processor quoted is higher than the spec name should be specified and the documentary proof as per the SPEC CPU 2017 or SYSMARK 2018 should be submitted	Would recommend i5 – 9500 Processor Request you to change to Intel Core i5 9500	No Change
2.	Motherboard & Chipset features:	Intel original OR OEM Mother Board with Latest Generation Compatible Intel Chipset. Certificate from the OEM regarding the compatibility (Documentary Proof) should be submitted.	Would recommend to specify Q370 series chipset	**Amended Clause:** Intel original OR OEM Mother Board with B360 or Higher series chipset. Certificate from the OEM regarding the compatibility (Documentary Proof) should be submitted.
3.	Hard Drive :	1 TB 7200 RPM or higher with minimum two SATA connectors on Motherboard	would recommend 1 TB 7200 RPM (2.5" HDD) with 2 M.2 Slot. M.2 slots have higher performance than SATA	No Change

Indian Bank ALLAHABAD

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

4.	Display :	**Display :** 23" or above wide LED 16:9 (1680*900) or better Digital Colour monitor	would recommend 21.5", Full HD 1920x 1080 resolution screen with Glare-free;	**Amended Clause:** 23" or above wide LED 16:9 (1680*900) or better Digital Colour monitor with height adjustable stand.
			Request you to change to 23.8" with FHD display (1920 x 1080)	
			Request Bank To Amend :- 23" or above wide LED 16:9 (1920 X 1080) or better Digital Colour monitor	
5.	Ports :	**Ports :** 3 USB ports with atleast one USB 3.0 port, 1 Mic., One No. of 3.5 mm Headphone Jack or combo mic headphones jack, 1 RJ - 45, 1 Display port/ HDMI port	3 USB ports with atleast one USB 3.1 Type C Gen 2 (10g Port), HDMI IN and OUT	No Change
			3 USB ports with at least one USB 3.0 Type C port	
6.	Webcam :	**Webcam:** 1.0 Megapixel HD or above	2.0MP Full HD Webcam Infrared Webcam supporting Windows Hello	No Change
7.	Operating System:	**Operating Systems :**Microsoft Windows 10 Professional 64 bit OS to be provided and installed and recovery media to be provided.	would recommend to have for Recovery Partition Instead of DVD/RW , as DVD is not asked with the system as well.	No Change

8. Specification for i7 Laptop – Pg 38- 40

SI No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	CPU make & Processor :	Intel Core i7 10510U Processor 1.8GHz or Higher	please confirm the use case of i7 Processor, who will be using these Laptops basis User group, other specifications need to be verified	No Change

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

2.	RAM :	16 GB 2133 MHz DDR4 RAM or above	would recommend 16 GB 2666 MHz DDR4 RAM or above	**Amended Clause:** 16 GB 2666 MHz DDR4 RAM or above
			100% complied with current spec in the RFP. No Change required	
			Request Bank To Amend :- RAM - 16GB 2400 MHz DDR4 or above with 2 physical DIMM slots	
3.	Hard Drive :	500GB HDD with 7200RPM or above.	would recommend 512GB SSD based on Usecase	**Amended Clause:** 1 TB HDD with 7200RPM or above.
4.	Display :	15.6 or above HD Display	assuming these are for senior Leadership , would recommened 13.3" or above screen with weight 1. 35Kgs.	**Amended Clause:** 13.3" or above Full HD Display, weight should be Less than 1.50 Kgs
			15.6" FHD or Above	
			Request you to change to 13.3 " HD display as i7 machines will be used by senior officials. Weight will be reduced with less screen size	
5.	Ports :	3 USB Ports with atleast one USB 3.0 port, one HDMI port, one VGA out port	would recommend 3 USB Ports with atleast one 1x USB Type C™ 3.2 Gen 2 Thunderbolt™ 3. Thunderbolt 3 provides data transfer speeds up to 40 Gbps, making it a very attractive technology for use in high- performance storage systems.	**Amended Clause:** 3 USB ports with at least two USB 3.0 port, one HDMI port, one VGA out port (optional).
			Kindly Change to HDMI/VGA port as Latest Generation Laptops will come with only HDMi port	

Indian Bank ALLAHABAD

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

6.	Optical Drive :	Internal DVDRW (preferably) or External DVD RW from the same OEM.	External DVD/ No DVD	**Amended Clause:** Internal DVDRW (preferably) or External DVD RW
			External with any make	
			Internal DVDRW (preferably) or External DVD RW. (Same OEM to be removed)	
7.	Audio & Camera :	Internal Speakers, Integrated 1.0Megapixel HD or above Webcam with Microphone and scroll pad	would recommendFace IR camera (Windows Hello compliant)	No Change
			Change to Integrated HD webcamera 720p	
8.	Keyboard :	Keyboard with Touchpad	would recommend spill proof, backlit keyboard	No Change
			Backlit spill resistant Keyboard with Touchpad and Scrollpad.	
9.	Battery :	Rechargeable Min. 4 Cell lithium ion battery with minimum 5 hours battery backup	Rechargeable Min. 4 Cell (50WHr and above) lithium ion battery minimum 5 hours battery backup	No Change

9. Specification for i5 Laptop – Pg 40-41

SI No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	RAM :	8 GB 2133 MHz DDR4 RAM or above	Would recommend 8 GB 2400 MHz DDR4 RAM or above	**Amended Clause:** 8 GB 2400 MHz DDR4 RAM or above
			100% complied with current spec in the RFP. No Change required	
			8GB 2133 Mhz DDR4 or above with 2 physical DIMM slots	

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

2.	Hard drive :	500 GB 5400 RPM or above	Would recommend 1TB HDD	**Amended Clause:** 1 TB 5400 RPM or above
3.	Optical Drive:	Internal DVDRW (preferably) or External DVD RW from the same OEM.	External DVD/ No DVD	**Amended Clause:** Internal DVDRW (preferably) or External DVD RW
			External with any make	
			Internal DVDRW (preferably) or External DVD RW. (Same OEM to be removed)	
4.	Audio & Camera :	Internal Speakers, Integrated 1.0 Megapixel HD or above Webcam with Microphone	720p or Above	No Change
			Change to Integrated HD webcamera 720p	
5.	Keyboard & Touchpad :	Keyboard with Touchpad and scroll Pad	Would recommend spill proof keyboard	No Change
			Backlit spill resistant Keyboard with Touchpad and Scrollpad.	
6.	Ports:	3 USB ports with at least two USB 3.0 port, one HDMI port, one VGA out port.	Kindly Change to HDMI/VGA port as Latest Generation Laptops will come with only HDMi port	No Change

10. Specification for i3 Laptop – Pg 40-41

Sl No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	RAM :	8 GB 2133 MHz DDR4 RAM or above	Would recommend 8 GB 2400 MHz DDR4 RAM or above	**Amended Clause:** 8 GB 2400 MHz DDR4 RAM or above
			100% complied with current spec in the RFP. No Change required	

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

			8GB 2133 Mhz DDR4 or above with 2 physical DIMM slots	
2.	Hard drive :	500 GB 5400 RPM or above	Would recommend 1TB HDD	**Amended Clause:** 1 TB 5400 RPM or above
3.	Optical Drive:	Internal DVDRW (preferably) or External DVD RW from the same OEM.	External DVD/ No DVD	**Amended Clause:** Internal DVDRW (preferably) or External DVD RW
			External with any make	
			Internal DVDRW (preferably) or External DVD RW. (Same OEM to be removed)	
4.	Audio & Camera :	Internal Speakers, Integrated 1.0 Megapixel HD or above Webcam with Microphone	720p or Above	**Amended Clause:** Internal Speakers, Integrated 720p or above Webcam with Microphone.
			Change to Integrated HD webcamera 720p	
5.	Keyboard & Touchpad :	Keyboard with Touchpad and scroll Pad	Would recommend spill proof keyboard	Please adhere to tender terms and conditions.
			Backlit spill resistant Keyboard with Touchpad and Scrollpad.	
6.	Ports	3 USB ports with at least two USB 3.0 port, one HDMI port, one VGA out port.	Kindly Change to HDMI/VGA port as Latest Generation Laptops will come with only HDMi port	**Amended Clause:** 3 USB ports with at least two USB 3.0 port, one HDMI port, one VGA out port (optional).
7.	Display	13.3" or above HD Display.	Request you to change to 14 " HD display	Please adhere to tender terms and conditions.

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

11. Specification for 2 in 1 Laptop – Pg 43-45

Sl No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	Processor	Intel i5 10th Generation 10210U	Request you to change it to Intel® Core i5-8265U or higher as 10th gen not yet launched in this category	No Change
2.	RAM :	8GB 2133 MHZ DDR4RAM or above	would recommend 8GB 2666MHZ DDR4 RAM with 32GB expandability with 2 DIMM slots (with 10th gen)	**Amended Clause:** 8GB 2666 MHZ DDR4RAM or above
3.	Display :	13.3" or above full HD IPS LED Multi touch screen	would recommend 13.3" FHD WVA (1920 x 1080) Touch with Edge to Edge Gorilla Glass, Anti Glare, Anti Smudge, 250 nits or above, Active Pen Support	No Change
4.	Ports :	two USB 3.1 ports ,one micro HDMI/Dp four in one SD card reader or micro SD card slot one USB c type port optional	Would recommend two USB 3.1 ports , one USB C type port with Thunderbolt as latest technology Requested to change Micro SD Card Reader Two USB 3.0 port, one HDMI port/display port, One USB c-type port	**Amended Clause:** two USB 3.1 ports ,one micro HDMI/DP four in one SD card reader or micro SD card slot one USB type C and 4G SIM Slot (on inserting SIM in to the slot the laptop should able to connect on 4G)
5.	Audio & Camera :	Internal speakers Integrated webcam with microphone	Would recommend an IR Camera Window Hello capable as a security measure	No Change
6.	Keyboard & Touchpad :	keyboard with touch pad	Would recommend to have backlit Keyboard also if FPR is required as Security feature	Amended Clause Backlit keyboard with touch pad

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

7.	Battery:	Rechargeable 3 or more cell lithium ion battery with min 8 hours or above battery backup	Would recommend Rechargeable Min. 4 Cell (50WHr and above) lithium ion battery minimum 5 hours battery backup	No Change
8.	Weight :	1.72kg or less	Would recommend 1.47kgs or Less	No Change

12. Specification for Branch Server – Pg 45-47

Sl No	RFP Title	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	CPU Make & Processor :	1 no. of quad core intel Xeon E 2124 Processor or above	would recommend intel Xeon E2224 which is the latest series proc (Intel® Xeon® E-2224 3.4GHz, 8M cache, 4C/4T, turbo (71W))	No Change
2.	CPU Speed :	3.3 Ghz or above for E2124 proc or above		No Change
3.	Cache :	8 M Cache or above		No Change
4.	Operating System:	Microsoft Windows 2016 64-bit Server Standard Edition or above with at least 1 Processor license with 5 windows server User CAL volume license (e-license / paper license) to be supplied and installed. Recovery CD/DVD media to be supplied along with the server.	would recommend windows 2019 Standard OS along with 2016 downgrade media Microsoft Windows 2019 64-bit Server Standard Edition or above with at least 1 Processor license with 5 windows server User CAL volume license (e-license / paper license) to be supplied and installed. Recovery CD/DVD media to be supplied along with the server.	**Amended Clause:** Microsoft Windows 2019 64-bit Server Standard Edition or above with at least 1 Processor license (e-license / paper license) to be supplied and installed. Recovery CD/DVD media for Windows 2016 & 2019 to be supplied along with the server.
5.	Chipset	Intel C246 Chipset or above	Intel original OR OEM Mother Board with Compatible Intel Chipset. Certificate from the OEM regarding	**Amended Clause :** Intel C240 Chipset or higher

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

			the compatibility (Documentary Proof) should be submitted.	
6.	RAM	16GB 2400 MHz DDR4 RAM or higher, expandable up to 32 GB with minimum 2 DIMM slots.	16GB 2400 MHz DDR4 RAM or higher, expandable up to 128 GB with minimum 4 DIMM slots.	No Change
7.	SAS controller	SAS controller with Hardware RAID 1 support with provision to connect maximum of 4 hard disks. RAID 1 to be implemented. RAID Monitoring Software to be provided and installed.	SAS/PCIe based HW Raid controller &provision to connect maximum of 4 hard disks. RAID 0,1 to be implemented. RAID Monitoring Software to be provided and installed.	No Change
8.	SMPS	Minimum of 400 Watts.	Minimum of 500 Watts.	No Change
9.	Other Technical Requirements	Vendor must furnish and affix windows 10 logo in front of CPU	Windows Server OS is only certified on DELL servers not windows 10 or PC OS we hereby request to remove the same	**Amended Clause:** The Clause stands Deleted

13.Specification for Legal size Laser printer – Pg 48-49

Sl No	Details Provided in RFP	Query / Changes Requested	Amendment/Clarification
1.	Memory 16 MB or above	Would recommend 256MB or above. 256MB Memory is the industry standard and printer needs atleast 256MB for faster processing of Data.	**Amended Clause:** Memory 256 MB or above
2.	Toner yield 2000 pages or above	standard yield of toner in 20ppm category is only 1500 pages, so kindly change the yield to 1500 pages or above	**Amended Clause:** Toner yield 1500 pages or above
3.	One Input Tray and One Priority Feeder	10 sheets or above. 1 sheet priority feeder will not be of any help to the users as they have to	No Change

Technical queries: Clarifications/Amendments- Finalization of Rate contract for computer related items. (Ref. CO:ITD:147/R1:2020-21 dated 06.05.2020)

		frequently load papers for printing. So kindly change to 10 sheets or above.	
4.	Additional Clause : Network connectivity	Ethernet and USB: Ethernet connectivity is mandatory to connect printer to multiple Pc's else only 1 user will be able to print	No Change
5.	Additional Clause : Print Language	PCL / PS. Since Banks print from various applications it is necessary that the printer supports all the fonts. Else the printer will start printing junk characters.	Printer should support latest PCL\PS drivers.