

**Annexure-A: Pre-Bid Queries (Tender No. - HO/IT/Computer Peripherals/2021-22/1)
GeM Portal Bid Number: GEM/2021/B/1730605 dated 03/12/2021**

**Tender Name: tender for “procurement of IT infrastructure equipment for various offices of MSEDCL
MSEDCL”.**

Sr. no.	RFP Section	RFP Clause	Query	MSEDCL Response	Corrigendum (Yes/no)
1			We request to increase the estimate cost of this tender to 10 crores as the budget of this tender is of pre covid period. Also due to current pandemic situation there is shortage and increase in pricing of semiconductors	No change.	No
2			Request to omit the RA criteria as the overall estimate of tender is already very low also in terms of pricing part there is hike in overall components pricing due to pandemic situation hence it is very difficult for partner to participate in the reverse auction. Also still there is lockdown in many countries which will affect the supply position and increase in pricing will happen in near future after the bid is submitted.	No change. Will be as per tender	No
3			We request the payment terms as: The payment to be made item wise as and when the complete quantity of that item is supplied.	No change. Will be as per tender	No

4	Technical Specification Item 1 : (i3) Laptop with bag	Processor Cache: Min. 6 MB.	Minimum 8 MB.	No change. Will be as per tender	No
5		RAM: Min. 8 GB DDR 4 with minimum 2 DIMM/ RAM slots, out of which at least one slot is vacant for memory expansion. (The RAM should be expandable by min. 16 GB).	Minimum 8 GB (2 physical DIMM slots with field replaceable memory. No memory to be soldered onto motherboard, supporting up to 32 GB or higher.). To have better Future upgradability option	As per corrigendum.	Yes
6		Operating System: Licensed Microsoft windows 10 professional Preinstalled by laptop OEM in SSD storage	Factory pre-install Windows 11 Professional (64 bit) with latest Service Pack and Preloaded License, Systems Hardware driver should be available in OEM website against the offered model. OEM letter confirming that Operating system pre-loaded / pre-installed from OEM factory. To have the latest Generation OS in the Laptops.	No change. Will be as per tender	No
7		Storage Capacity: Min. 120 GB SSD & 1 TB HDD	Storage Capacity: Min. 512 GB SSD. SATA HDD. is a OLD Technology and not available with most of the leading Laptop OEM's including us in Commercial Laptop models. Also, With SSD the performance of the Laptop will Increase hugely.	As per corrigendum.	Yes
8		WI-Fi & Bluetooth: Integrated (Min. WI-Fi 5 and Bluetooth)	Intel Wi-Fi 6, Dual-band 2x2 802.11ax with MU-MIMO + Bluetooth 5.1. To have the latest Generation Wi Fi & BT in the Laptops.	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. Bidder may provide WI-Fi 6.	No

9	AC Adaptor: Indian	External Type C based AC adapter of the same laptop OEM make. To have the latest Generation Power Adapter for the Laptops.	No change. As per tender. However Bidder may provide Type-C based AC adaptor.	No
10	Laptop Keyboard: Standard	Full size Spill Resistant Backlit Keyboard. To have the latest available user friendly secure uninterrupted user experience	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. Bidder may provide Full size Spill Resistant Backlit Keyboard.	No
11	Battery Capacity: min. 40 Whr and having backup min. 5 hrs.	min. 50 Whr and above having battery backup of min. 8 hrs.. To have the latest Generation Battery for the Laptops.	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. Bidder may provide battery having Whr above 40 Whr.	No
12	USB Ports: Min. 3 Nos. USB Ports (out of these at least 2 nos. shall be USB 3.x) OR (out of these 2 nos. shall be USB 3.x and 1 nos. shall be type C)	Minimum 4 USB ports out of which 2 No USB 3.2 and One USB Type C , 3.2 Gen 2 or higher (Type C port must support video out features), 1x HDMI , RJ-45, SD Memory card reader, Universal Audio port Jack, security Lock slot.. To have the latest Generation Port availability in the Laptops.	As per corrigendum.	Yes
13	Webcam: Min. HD Camera	HD camera (camera with physical privacy option). To have the latest Generation Camera availability in the Laptops.	No change. Will be as per tender	No
14	Carry Case: OEM	Same Laptop OEM Make. To have the best quality product assurance along with the Laptops.	No change. Will be as per tender	No

15		Warranty:1 Years Onsite Warranty including battery	1 year On-site Comprehensive OEM Warranty (including battery). OEM supplied model Warranty must be visible in OEM website in respect to each product serial number. OEM must have 24/7 Telephonic support toll-free phone no. To have the hassle free service support during the warranty period of the Laptops.	No change. Will be as per tender	No
16		Certifications: EPEAT Registered, Energy star	For OEM: ISO 14001:2004 For the quoted Model: UL, FCC, Energy Star 8.0; EPEAT India (minimum EPEAT Gold for the quoted model not for the series), quoted model ROHS, Windows 10 professional, Ubuntu Linux and MIL 810 Std Notebook Certification. To ensure the best quality /certified product for your requirement.	No change. Will be as per tender	No
17		Trusted Platform module: TPM 2.0 or higher	Integrated with processor .TPM 2.0 (Discrete) and Integrated hardware Diagnostic tool in BIOS. To have better security feature in the laptops	No change. Will be as per tender	No
18		Additional Points to be added: Manageability software from same Laptop manufacturer	Hardware diagnostic tool through BIOS and Software that Improved battery runtime and Enhanced audio & video quality.. Hardware diagnostic tool through BIOS and Software that Improved battery runtime and Enhanced audio & video quality.	No change. Will be as per tender	No
19	Technical Specification Item 1 : (i5)	Processor frequency: Min. turbo frequency 4 GHz	Max Turbo frequency 4.40 GHz	No change. Will be as per tender	No

20	Laptop with bag	RAM: Min. 16 GB DDR 4 with minimum 2 DIMM/ RAM slots, out of which at least one slot is vacant for memory expansion. (The RAM should be expandable by min. 32 GB)	Minimum 16 GB (2 physical DIMM slots with field replaceable memory. No memory to be soldered onto motherboard, supporting up to 32 GB or higher.)	As per corrigendum.	Yes
21		Operating System: licensed Microsoft windows 11 professional Preinstalled by laptop OEM in SSD storage	Factory pre-install Windows 11 Professional (64 bit) with latest Service Pack and Preloaded License, Systems Hardware driver should be available in OEM website against the offered model. OEM letter confirming that Operating system pre-loaded / pre-installed from OEM factory	No change. Will be as per tender	No
22		Storage Capacity: Min. 120 GB SSD & 1 TB HDD	Min. 1 TB / 512 GB SSD	As per corrigendum.	Yes
23		WI-FI & Bluetooth: Integrated (Min. WI-FI 5 and Bluetooth)	Intel Wi-Fi 6, Dual-band 2x2 802.11ax with MU-MIMO + Bluetooth 5.1	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. Bidder may provide WI-FI 6.	No
24		AC Adaptor: Indian	External Type C based AC adapter of the same laptop OEM make	No change. As per tender. However Bidder may provide Type-C based AC adaptor.	No

25	Laptop Keyboard: Standard	Full size Spill Resistant Backlit Keyboard	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. Bidder may provide Full size Spill Resistant Backlit Keyboard.	No
26	Battery Capacity: min. 40 Whr and having backup min. 5 hrs.	min. 50 Whr and above having battery backup of min. 8 hrs.	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. Bidder may provide battery having Whr above 40 Whr.	No
27	USB Ports: Min. 3 Nos. USB Ports (out of these at least 2nos. shall be USB 3.x) OR (out of these 2 nos. shall be USB 3.x and 1 nos. shall be type C)	Minimum 4 USB ports out of which 2 No USB 3.2 and One USB Type C , 3.2 Gen 2 or higher (Type C port must support video out features), 1x HDMI ,RJ-45, SD Memory card reader, Universal Audio port Jack, security Lock slot.	As per corrigendum.	Yes
28	Webcam: Min. HD Camera	HD camera (camera with physical privacy option)	No change. Will be as per tender. However bidder may provide additional features	No
29	Carry Case: OEM	Same Laptop OEM Make	As per specification carry case is to be provided from OEM of laptop	No

30		Warranty: 1 Years Onsite Warranty including battery	1 year On-site Comprehensive OEM Warranty (including battery). OEM supplied model Warranty must be visible in OEM website in respect to each product serial number. OEM must have 24/7 Telephonic support toll-free phone no	No change. Will be as per tender	No
31		Certifications: EPEAT Registered, Energy star	For OEM: ISO 14001:2004 For the quoted Model :UL,FCC ,Energy Star 8.0; EPEAT India (minimum EPEAT Gold for the quoted model not for the series), quoted model ROHS , Windows 10professional , Ubuntu Linux and MIL 810 Std Notebook Certification	No change. Will be as per tender. The requirements mentioned in the specifications are minimum. However laptop provided by bidder can have additional certifications .	No
32		Trusted Platform module: TPM 2.0 or higher	Integrated with processor .TPM 2.0 (Discrete) and Integrated hardware Diagnostic tool in BIOS	No change. Will be as per tender	No
33		Additional Points: Manageability software from same Laptop manufacturer	Hardware diagnostic tool through BIOS and Software that Improved battery runtime and Enhanced audio & video quality.	No change. Will be as per tender	No
34	Technical Specification Item 3 : A4 Laser Printer (B/W) Specification	Printing Method Laser	1.Request to include for Inkjet Ink tank / Laser for competitive bidding. 2.Inkjet printer consumes only 14 watts while printing vs. laser printer 360 watts while printing. 3. Request you to include bundle yield of upto 6000 pages along with printer.	No change. Will be as per tender	No

35	Annexure D Technical Specification Item 4 : Duplex Printer (B/W)	4 Printing Method Laser	1.Request to include for Inkjet Ink tank / Laser for competitive bidding. 2.Inkjet printer consumes only 14 watts while printing vs. laser printer 360 watts while printing. 3. Request you to include bundle yield of upto 6000 pages along with printer.	No change. Will be as per tender	No
36	Annexure D Technical Specification Item 5 : A4 Laser Printer (B/W) all in one	4 Printing Method Laser	1.Request to include for Inkjet Ink tank / Laser for competitive bidding. 2.Inkjet printer consumes only 14 watts while printing vs. laser printer 360 watts while printing. 3. Request you to include bundle yield of upto 6000 pages along with printer.	No change. Will be as per tender	No
37	Technical Specification Item 3 : A4 Laser Printer (B/W) Specification	Printing Method Laser	1.Request to include for Inkjet Ink tank / Laser for competitive bidding. 2.Inkjet printer consumes only 14 watts while printing vs. laser printer 360 watts while printing. 3. Request you to include bundle yield of upto 6000 pages along with printer.	No change. Will be as per tender	No
38	Annexure D Technical Specification Item 4 : Duplex Printer (B/W)	4 Printing Method Laser	1.Request to include for Inkjet Ink tank / Laser for competitive bidding. 2.Inkjet printer consumes only 14 watts while printing vs. laser printer 360 watts while printing. 3. Request you to include bundle yield of upto 6000 pages along with printer.	No change. Will be as per tender	No

39	Annexure D Technical Specification Item 5 : A4 Laser Printer (B/W) all in one	4 Printing Method Laser	1. Request to include for Inkjet Ink tank / Laser for competitive bidding. 2. Inkjet printer consumes only 14 watts while printing vs. laser printer 360 watts while printing. 3. Request you to include bundle yield of upto 6000 pages along with printer.	No change. Will be as per tender	
40	I3 & i5 laptop	Display Size : 15.6"	Display Size for both category : 14".	No change. Will be as per tender	No
41	Delivery Period	Bidders shall supply, install & commission the entire material within 90 days from Date of letter of award or Dispatch instructions	We request you to provide 90 days for delivery with an additional 30 days for installation.	No change. Will be as per tender	No
42	Technical Specification Item 1: (i3) Laptop with bag	Min. 8 GB DDR 4 with minimum 2 DIMM/ RAM slots, out of which at least one slot is vacant for memory expansion. (The RAM should be expandable by min. 16 GB).	We request you to change it to 8 GB/ 16 GB or mention it as 8 GB DDR4 RAM upgradable up to 16 GB. IT industry is evolving, and recent surveys shows very marginal occasion which is less than 0.002% cases where the laptop's RAM being upgraded and hence new norms as DIMM slots reduce to single DIMM. Hence, we request you to remove the DIMM slots. This change will increase competition and result in better prices.	As per corrigendum.	Yes
43		Storage Capacity: Min. 120 GB SSD & 1 TB HDD	The hardware industry is in transition from HDD to SSD. We request you to change it to 512/1 TB SSD instead of HDD as per the latest technology.	As per corrigendum.	Yes
44		Display Size:Min.15.6Inches	We request you to change it to 14" or above	No change. Will be as per tender	No

45		Network: Ethernet(RJ-45)	We request you to remove this. The technology has moved towards wireless connectivity and physical ports are seldom used. The latest laptops are being offered without Ethernet port. Hence, we request you to remove this specification or allow vendors to participate with a convertor.	No change. Will be as per tender	No
46		Battery Capacity: min. 40 Whr and having backup min. 5 hrs.	We request you to change the backup time to min 5 hours or above without mentioning the Whr. Each OEM offers different Whr offering for a battery backup of 5 hrs	No change. Will be as per tender	No
47		USB Ports: Min. 3 Nos. USB Ports (out of these at least 2nos. shall be USB 3.x) OR (out of these 2 nos. shall be USB 3.x and 1 nos. shall be type C)	We request you to change it to 3 USB ports without mentioning the type of USB, as each OEM offers different combination (types) of USB ports	As per corrigendum.	Yes
48		Certifications:	We request you to remove ES & EPEAT and mention BIS. Please find attached the circular.	No change. Will be as per tender	No
49	Technical Specification Item 1 : (i5) Laptop with bag	RAM: Min. 16 GB DDR 4 with minimum 2 DIMM/ RAM slots, out of which at least one slot is vacant for memory expansion. (The RAM should be expandable by min. 32 GB)	We request you to change it to 16 GB. IT industry is evolving, and recent surveys shows very marginal occasion which is less than 0.002% cases where the laptop's RAM being upgraded and hence new norms as DIMM slots reduce to single DIMM. Hence, we request you to remove the DIMM slots. This change will increase competition and result in better prices.	As per corrigendum.	Yes
50		Storage Capacity: Min. 120 GB SSD & 1 TB HDD	The hardware industry is in transition from HDD to SSD. We request you to change it to 512/1 TB SSD instead of HDD as per the latest technology.	As per corrigendum.	Yes

51		Network: Ethernet(RJ-45)	We request you to remove this. The technology has moved towards wireless connectivity and physical ports are seldom used. The latest laptops are being offered without Ethernet port. Hence, we request you to remove this specification or allow vendors to participate with a convertor.	No change. Will be as per tender	No
52		Battery Capacity: min. 40 Whr and having backup min. 5 hrs.	We request you to change the backup time to min 5 hours or above without mentioning the Whr Each OEM offers different Whr offering for a battery backup of 5 hrs	No change. Will be as per tender	No
53		Display Size:Min.15.6Inches	We request you to change it to 14" or above	No change. Will be as per tender	No
54		USB Ports: Min. 3 Nos. USB Ports (out of these at least 2nos. shall be USB 3.x) OR (out of these 2 nos. shall be USB 3.x and 1 nos. shall be type C)	We request you to change it to 3 USB ports without mentioning the type of USB, as each OEM offers different combination (types) of USB ports	As per corrigendum.	Yes
55		Certifications:	We request you to remove ES & EPEAT and mention BIS. Please find attached the circular.	No change. Will be as per tender	No
56	Technical Specification Item 2 : (i5) Laptop with bag	RAM: Min. 16 GB DDR 4 with minimum 2 DIMM/ RAM slots, out of which atleast one slot is vacant for memory expansion. (The RAM should be expandable by min. 32 GB)	Request you to kindly allow RAM expandability to 16 GB	No change. Will be as per tender	No
57		Laptop Lock: Required(provided by bidder)	Request you to kindly remove Laptop Lock	As per corrigendum.	Yes
58		Lock slot: Yes	Request you to kindly remove Lock Slot	As per corrigendum.	Yes

59	Technical Specification Item 1 : (i3) Laptop with bag	Laptop Lock: Required(provided by bidder)	Request you to kindly remove Laptop Lock	As per corrigendum.	Yes
60		Lock slot: Yes	Request you to kindly remove Lock Slot	As per corrigendum.	Yes
61	Technical Specification Item 3 : A4 Laser Printer (B/W) Specification	Duty Cycle: Min. 3000	Request to enhance the duty cycle to 10000 pages or above . As the technology has enhanced so duty cycle also improved for the longevity of the printer . The spec given here of 10- 15 years old .	No change. Will be as per tender	No
62		Print Speed Mono: Min. 14 ppm	Request to enhance the PPM to 20 PPM	No change. Will be as per tender	No
63	Technical Specification Item 4 : Duplex Printer (B/W)	Duty cycle: Min 3000	Request to enhance the duty cycle to 20000 pages or above . As the technology has enhanced so duty cycle also improved for the longevity of the printer . The spec given here of 10- 15 years old .	No change. Will be as per tender	No
64	Technical Specification Item 5 : A4 Laser Printer (B/W) all in one	Duty Cycle: Min. 3000	Request to enhance the duty cycle to 20000 pages or above . As the technology has enhanced so duty cycle also improved for the longevity of the printer . The spec given here of 10- 15 years old .	No change. Will be as per tender	No
65		Print Speed Mono: Min. 14 ppm	Request to enhance the Speed to 25 PPM or above due to Duplex features .	No change. Will be as per tender	No
66	Technical Specification Item 9 : Scanner	Scan File Format: Min. JPEG,PDF	Scan File Format: Min. JPEG,PDF	No change. Will be as per tender	No
			Request to include the Duty Cycle 2000	No change. Will be as per tender	No
67	Technical Specification	Scan File Format: PDF, JPEG	Searchable pdf and ocr	No change. Will be as per tender	No

68	Item 10 : Scanner (Sheet-feed document Scanner)	Auto document feeder capacity: Min 60 sheets	Request to enhance the ADF capacity 80.	No change. Will be as per tender	No
69	Laptop Specification: (i3) Laptop with bag, 3.Processor Brand	Intel	Request to consider AMD processor i.e. Intel / AMD. Justification: Only 2 X86 processor vendors in the world Intel & AMD.	As per corrigendum	Yes
70	Laptop Specification : (i3) Laptop with bag, 4.Processor	Min. Intel Core i3 11th or higher Generation	Need to mention latest generation, i.e.Min. Intel Core i3 11th or higher Generation OR AMD Ryzen 3 5000 Series	As per corrigendum	Yes
71	Laptop Specification: (i5) Laptop with bag, 3.Processor Brand	Intel	Request to consider AMD processor i.e. Intel / AMD. Justification: Only 2 X86 processor vendors in the world Intel & AMD.	As per corrigendum	Yes
72	Laptop Specification : (i5) Laptop with bag, 4. Processor	Min. Core i5 11th or higher Generation	Need to mention latest generation, i.e. Min. Core i5 11th or higher Generation OR AMD Ryzen 5 5000 Series	As per corrigendum	Yes