



Electronics Corporation of Tamil Nadu Limited

**Rate Contract
Tender**

Supply of Laptop Computer

Tender Ref.
ELCOT/Proc/OT/33260/Laptop Computer/RC/2019-20

Corrigendum No. 2 to the Tender Document

CORRIGENDUM TO THE TENDER DOCUMENT

The following Corrigendum to the Tender Document is hereby issued:-

S.N	Title of the clause	Existing	To be read as
1	Page No. 15- Clause No. 4 – Eligibility Criteria- Documentary Proof to be submitted – Sl. No. 5	Documentary Proof to be submitted: Copies of the Audited Annual Reports containing the Balance sheets and Profit and Loss account for the last 3 Audited Financial years. (2015-16, 2016-17 & 2017-18) shall have to be submitted.	Documentary Proof to be submitted: Copies of the Audited Annual Reports containing the Balance sheets / Profit and Loss account for the last 3 Audited Financial years (2016-17, 2017-18 & 2018-19) shall have to be submitted. OR Copies of the Audited Annual Reports containing the Balance sheets / Profit and Loss account for the 3 Audited Financial years (2015-16, 2016-17, 2017-18 along with the unaudited financial statement for the year 2018-19) shall have to be submitted.
2	Page No. 17 - Clause No. 5- Specifications- Item Code- 33260-001- Parameters	<p>S.No.5 - Battery Life Standard Rechargeable 4 or 6 cell Li-Ion (45 WHr) with minimum 3 hours backup</p> <p>S.No. 7 -Ports Minimum 3 USB, Headphone/speaker out, RJ-45, AC power, in built speaker, VGA / HDMI, Microphone jack, Mic</p> <p>S.No. 15- Certification Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter</p>	<p>S.No. 5- Battery Life Standard Rechargeable 4 or 6 cell Li-Ion (40 WHr) with minimum 3 hours backup</p> <p>S.No. 7- Ports Minimum 3 USB, Headphone/speaker out/Mic Combo Port, RJ-45, AC power, in built speaker, VGA / HDMI, Mic</p> <p>S.No. 15- Certification Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model</p>

		S.No.16- Operating System Pre-loaded with BOSS Linux with Media	S.No.16- Operating System Pre-loaded with BOSS Linux
3	Page No. 18 - Clause No. 5- Specifications- Item Code- 33260- 002 - Parameters	S.No. 3 -Memory 8 GB DDR4 / LPDDR3 SDRAM-2133 MHz - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)	S.No. 3 -Memory 8 GB DDR4/LPDDR3 SDRAM-2133 MHz
		S.No. 6- Weight Less than 1.7 Kg including battery	S.No. 6 -Weight Less than 1.5 Kg including battery
		S.No. 7 -Ports USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, converter for converting from HDMI/Display Port to VGA is to be provided)	S.No. 7- Ports USB - 2 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided. If RJ45 port is not given, USB to Ethernet convertor to be provided.)
		S.No. 16 Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16 Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No. 17-Operating System Pre-loaded with BOSS Linux with Media	S.No. 17- Operating System Pre-loaded with BOSS Linux
4	Page No. 19 - Clause No. 5- Specifications- Item Code- 33260- 003- Parameters	S.No. 3 -Memory 8 GB DDR4 / LPDDR3 SDRAM - 2133 MHz - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)	S.No. 3- Memory 8 GB DDR4/LPDDR3 SDRAM-2133 MHz

		<p>S.No. 6-Weight Less than 1.7 Kg including battery</p>	<p>S.No. 6 -Weight Less than 1.5 Kg including battery</p>
		<p>S.No. 7- Ports USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, converter for converting from HDMI/Display Port to VGA is to be provided)</p>	<p>S.No. 7- Ports USB - 2 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided. If RJ45 port is not given, USB to Ethernet convertor to be provided.)</p>
		<p>S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter</p>	<p>S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.</p>
		<p>S.No. 17- Operating System Pre-loaded with BOSS Linux with Media</p>	<p>S.No. 17- Operating System Pre-loaded with BOSS Linux</p>
5	Page No. 20 - Clause No. 5- Specifications- Item Code- 33260-004- Parameters	<p>S.No. 4- Hard Disk:- 500 GB, 5400 RPM or higher</p>	<p>S.No. 4 -Hard Disk:- 1 TB, 5400 RPM or higher</p>
		<p>S.No. 14- Key Board Spill-resistant Keyboard with Integrated Touch Pad</p>	<p>S.No. 14 -Key Board Keyboard with Integrated Touch Pad</p>
		<p>S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter</p>	<p>S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.</p>

		S.No.17- Operating System Pre-loaded with BOSS Linux with Media	S.No. 17- Operating System Pre-loaded with BOSS Linux
6	Page No. 21 - Clause No. 5- Specifications- Item Code- 33260-005- Parameters	S.No. 14 -Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14- Key Board Keyboard with Integrated Touch Pad
		S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model
		S.No.17- Operating System Pre-loaded with BOSS Linux with Media	S.No. 17- Operating System Pre-loaded with BOSS Linux
7	Page No. 22 - Clause No. 5- Specifications- Item Code- 33260-006- Parameters	S.No. 14 -Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14 -Key Board Keyboard with Integrated Touch Pad
		S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No.17- Operating System Pre-loaded with BOSS Linux with Media	S.No. 17 -Operating System Pre-loaded with BOSS Linux
8	Page No. 23 - Clause No. 5- Specifications-	S.No. 14- Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14 -Key Board:- Keyboard with Integrated Touch Pad

	Item Code- 33260-007- Parameters	S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No.17- Operating System Pre-loaded with BOSS Linux with Media	S.No. 17 -Operating System Pre-loaded with BOSS Linux
9	Page No. 24 - Clause No. 5- Specifications- Item Code- 33260-008- Parameters	S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No.17 -Operating System Pre-loaded with BOSS Linux with Media	S.No. 17 -Operating System Pre-loaded with BOSS Linux
10	Page No. 25- Clause No. 5- Specifications- Item Code- 33260-009- Parameters	S.No. 4 -Hard Disk 500 GB, 5400 RPM or higher	S.No. 4 -Hard Disk 1 TB, 5400 RPM or higher
		S.No. 14 -Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14 -Key Board Keyboard with Integrated Touch Pad

		<p>S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 100V- 240V, 50 Hz AC power adaptor</p>	<p>S.No. 16 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.</p>
		<p>S.No. 17 -Operating System Pre-loaded with BOSS Linux with Media</p>	<p>S.No. 17- Operating System Pre-loaded with BOSS Linux</p>
11	Page No. 26- Clause No. 5- Specifications- Item Code- 33260- 010- Parameters	<p>S.No. 14 -Key Board Spill-resistant Keyboard with Integrated Touch Pad</p>	<p>S.No. 14- Key Board Keyboard with Integrated Touch Pad</p>
		<p>S.No. 17 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 100V- 240V, 50 Hz AC power adaptor</p>	<p>S.No. 17- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.</p>
		<p>S.No.16- Operating System Pre-loaded with BOSS Linux with Media</p>	<p>S.No. 16- Operating System Pre-loaded with BOSS Linux</p>
12	Page No. 27- Clause No. 5- Specifications- Item Code- 33260- 011- Parameters	<p>S.No. 14- Key Board Spill-resistant Keyboard with Integrated Touch Pad</p>	<p>S.No. 14- Key Board Keyboard with Integrated Touch Pad</p>
		<p>S.No. 17- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input</p>	<p>S.No. 17 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-</p>

		100V- 240V, 50 Hz AC power adapter	270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No.16- Operating System Pre-loaded with BOSS Linux with Media	S.No. 16 Operating System Pre-loaded with BOSS Linux
13	Page No. 28- Clause No. 5- Specifications- Item Code- 33260-012- Parameters	S.No. 14 -Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14 -Key Board Keyboard with Integrated Touch Pad
		S.No. 17 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 17 -Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model
		S.No.16- Operating System Pre-loaded with BOSS Linux with Media	S.No. 16- Operating System Pre-loaded with BOSS Linux
14	Page No. 29- Clause No. 5- Specifications- Item Code- 33260-013- Parameters	S.No. 2- Display 13.3"/14" inches LED Backlit	S.No. 2- Display 13.3" inches LED Backlit
		S.No. 8- Ports USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, converter for converting from HDMI/Display Port to VGA is to be provided)	S.No. 8- Ports USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided. If RJ45 port is not given, USB to Ethernet convertor to be provided.)

		<p>S.No. 18- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter</p>	<p>S.No. 18 - Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.</p>
		<p>S.No. 17- Operating System Pre-loaded with BOSS Linux with Media</p>	<p>S.No. 17- Operating System Pre-loaded with BOSS Linux with Media</p>
15	Page No. 30- Clause No. 5- Specifications- Item Code- 33260-014- Parameters	<p>S.No. 4- Memory 8 GB DDR4 / LPDDR3 SDRAM (2133 MHz) - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)</p>	<p>S.No. 4- Memory 8GB DDR4/LPDDR3 SDRAM-2133 MHz</p>
		<p>S.No. 9- Ports USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker.(If VGA Port is not given, converter for converting from HDMI/Display Port to VGA is to be provided)</p>	<p>S.No. 9- Ports USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided. If RJ45 port is not given, USB to Ethernet convertor to be provided.)</p>
		<p>S.No. 19- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adapter – Input 100V- 240V, 50 Hz AC power adapter</p>	<p>S.No. 19- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.</p>

		S.No. 18 - Operating System Pre-loaded with BOSS Linux with Media	S.No. 18- Operating System Pre-loaded with BOSS Linux
16	Page No. 31- Clause No. 5- Specifications- Item Code- 33260- 015- Parameters	S.No. 2 - Processor AMD Ryzen 3 - 3200U or better	S.No. 2- Processor AMD Ryzen 3 2200U or better
		S.No. 14- Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14- Key Board Keyboard with Integrated Touch Pad
		S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No. 17 - Operating System Pre-loaded with BOSS Linux with Media	S.No. 17- Operating System Pre-loaded with BOSS Linux
17	Page No. 32- Clause No. 5- Specifications- Item Code- 33260- 016- Parameters	S.No. 14- Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14- Key Board Keyboard with Integrated Touch Pad
		S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No. 17- Operating System Pre-loaded with BOSS Linux with Media	S.No. 17- Operating System Pre-loaded with BOSS Linux

18	Page No. 33- Clause No. 5- Specifications- Item Code- 33260- 017- Parameters	S.No. 14- Key Board Spill-resistant Keyboard with Integrated Touch Pad	S.No. 14- Key Board Keyboard with Integrated Touch Pad
		S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C AC power adapter – Input 100V- 240V, 50 Hz AC power adapter	S.No. 16- Certifications Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
		S.No. 17- Operating System Pre-loaded with BOSS Linux with Media	S.No. 17- Operating System Pre-loaded with BOSS Linux
19	Convertible 360 Degree Laptop - i5 U Series Processor, SSD with SIM, Windows OS		New item is added. Item code 33240-018. Specification is enclosed in Annexure 1-Page No. 13.
20	2 in 1 Laptop - i5 U Series Processor, SSD with 16 GB RAM, Windows OS		New item is added .Item code 33240-019. Specification is enclosed in Annexure 1 -Page No. 14.
21	15.6" Laptop with AMD Ryzen 3 Processor		New item is added. Item code 33240-020. Specification is enclosed in Annexure 1 -Page No. 15.
22	15.6" Laptop with AMD Ryzen 5 Processor		New item is added. Item code 33240-021. Specification is enclosed in Annexure 1-Page No. 17.
23	15.6" Laptop with AMD Ryzen 7 Processor		New item is added. Item code 33240-022. Specification is enclosed in Annexure 1-Page No. 18.
24	13.3" Laptop with i5 U Series Processor, SSD with 16 GB RAM		New item is added. Item code 33240-023. Specification: Refer the updated specifications of item 33260 - 002. 16 GB RAM instead of 8 GB RAM

25	13.3" Laptop with i7 U Series Processor, SSD with 16 GB RAM		New item is added .Item code 33240-024. <u>Specification:</u> Refer the updated specifications of item 33260 - 003. 16 GB RAM instead of 8 GB RAM
26	Page no. 115 – Annexure 2 – Price Bid		Price Bid is revised and enclosed in Annexure 2

Note: The above corrigendum is applicable to all other clauses, which contain the respective terms in the tender document.

Managing Director

Annexure - 1

Item code- 33260-018 - Convertible 360 Degree Laptop - i5 U Series Processor, SSD with SIM, Windows OS

S.No.	Parameter	Specification
1	Type	The device should be capable of working in tablet mode on rotating the screen 360 degrees. Device should be foldable to the keyboard and work in a tablet mode
2	Display	13.3" inches LED Backlit
3	Processor	Intel® Core™ i5-8265U processor or better
4	Memory	8 GB DDR4 SDRAM (2133 MHz) - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)
5	Hard Disk	256 GB SSD or Higher
6	Battery Life	Standard Rechargeable detachable Li-Ion (40 WHr) battery with minimum 5 hours backup
7	Weight	Less than 1.7 Kg including battery
8	Ports	USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided. If RJ45 port is not given, USB to Ethernet convertor to be provided.)
9	Connectivity	10/100/1000 LAN or Higher SIM card slot with provision for internet
10	Wireless	WiFi 802.11 ac
11	Blue Tooth	Bluetooth 4.1 or above
12	Web Cam	720p or Higher
13	OS Compliance	Windows
14	OS Certification	MS Windows
15	Key Board	Spill-resistant Keyboard with Integrated Touch Pad
16	Accessories	Battery Charger cum Power Adapter (3 pin plug and 3 pin socket, Good quality Carry Case (Sample subject to ELCOT's approval).

17	Certifications	Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
18	Operating System	Pre loaded with Windows OS (Latest)
19	Warranty	3 Years onsite including Battery

**Item code- 33260-019- 2 in 1 Laptop - i5 U Series Processor, SSD with
16 GB RAM,
Windows OS**

S.No.	Parameter	Specification
1	Type	The Laptop should be capable of working in detachable mode upon removing keyboard. Device should work in tablet mode.
2	Display	12.3" /13" inches LED Backlit
3	Processor	Intel® Core™ i5-8265U processor or better
4	Memory	16GB DDR4/LPDDR3 SDRAM-2133 MHz
5	Hard Disk	256 GB SSD or Higher
6	Battery Life	Standard Rechargeable detachable Li-Ion (35 WHr) battery with minimum 5 hours backup
7	Weight	Tablet - Less than 900g Keyboard - Less than 400g
8	Ports	USB - 3 Nos or higher, with atleast one type C USB, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided. If RJ45 port is not given, USB to Ethernet convertor to be provided.)
9	Connectivity	10/100/1000 LAN or Higher
10	Wireless	802.11 ac
11	Blue Tooth	Bluetooth 4.1 or above

12	Web Cam	720p or Higher
13	OS Compliance	Windows
14	OS Certification	MS Windows
15	Key Board	Spill-resistant Keyboard with Integrated Touch Pad
16	Accessories	Battery Charger cum Power Adapter (3 pin plug and 3 pin socket, Good quality Carry Case (Sample subject to ELCOT's approval).
17	Certifications	Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V-270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
18	Operating System	Pre loaded with Windows OS (Latest)
19	Warranty	3 Years onsite including Battery

15.6" Laptop with AMD Ryzen 3 Processor

S.No.	Parameter	Specification
1	Display	15.6" inches LED Backlit
2	Processor	AMD Ryzen 3 - 3200U or better
3	Memory	8 GB DDR4 SDRAM (2133 MHz) - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)
4	Hard Disk	1TB, 5400 RPM or higher
5	Battery Life	Standard Rechargeable detachable Li-Ion (40 WHr) battery with minimum 5 hours backup
6	Weight	Less than 2.3 Kg including battery

7	Ports	USB - 3 Nos., or higher with atleast one 3.0, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker.(If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided.)
8	Connectivity	10/100/1000 LAN or Higher
9	Wireless	802.11 ac
10	Blue Tooth	Bluetooth 4.1 or above
11	Web Cam	720p or Higher
12	OS Compliance	Windows & Linux
13	OS Certification	MS Windows & Boss Linux
14	Key Board	Keyboard with Integrated Touch Pad
15	Accessories	Battery Charger cum Power Adapter (3 pin plug and 3 pin socket, Good quality Carry Case (Sample subject to ELCOT's approval).
16	Certifications	Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
17	Operating System	Pre-loaded with BOSS Linux
18	Warranty	3 Years onsite including Battery

15.6" Laptop with AMD Ryzen 5 Processor

S.No.	Parameter	Specification
1	Display	15.6" inches LED Backlit
2	Processor	AMD Ryzen 5 - 3500U or better
3	Memory	8 GB DDR4 SDRAM (2133 MHz) - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)
4	Hard Disk	1TB, 5400 RPM or higher
5	Battery Life	Standard Rechargeable detachable Li-Ion (40 WHr) battery with minimum 5 hours backup
6	Weight	Less than 2.3 Kg including battery
7	Ports	USB - 3 Nos., or higher with atleast one 3.0, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker. (If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided.)
8	Connectivity	10/100/1000 LAN or Higher
9	Wireless	802.11 ac
10	Blue Tooth	Bluetooth 4.1 or above
11	Web Cam	720p or Higher
12	OS Compliance	Windows & Linux
13	OS Certification	MS Windows & Boss Linux
14	Key Board	Keyboard with Integrated Touch Pad
15	Accessories	Battery Charger cum Power Adapter (3 pin plug and 3 pin socket, Good quality Carry Case (Sample subject to ELCOT's approval).

16	Certifications	Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
17	Operating System	Pre-loaded with BOSS Linux
18	Warranty	3 Years onsite including Battery

15.6" Laptop with AMD Ryzen 7 Processor

S.No.	Parameter	Specification
1	Display	15.6" inches LED Backlit
2	Processor	AMD Ryzen 7 - 3700U or better
3	Memory	8 GB DDR4 SDRAM (2133 MHz) - expandable upto 16 GB with minimum 1 free slot (Onboard RAM not acceptable)
4	Hard Disk	1TB, 5400 RPM or higher
5	Battery Life	Standard Rechargeable detachable Li-Ion (40 WHr) battery with minimum 5 hours backup
6	Weight	Less than 2.3 Kg including battery
7	Ports	USB - 3 Nos., or higher with atleast one 3.0, RJ45, VGA, HDMI / Mini Display / Display Port, Mic, Speaker.(If VGA Port is not given, HDMI / Mini Display / Display Port to VGA convertor to be provided.)
8	Connectivity	10/100/1000 LAN or Higher
9	Wireless	802.11 ac

10	Blue Tooth	Bluetooth 4.1 or above
11	Web Cam	720p or Higher
12	OS Compliance	Windows & Linux
13	OS Certification	MS Windows & Boss Linux
14	Key Board	Keyboard with Integrated Touch Pad
15	Accessories	Battery Charger cum Power Adapter (3 pin plug and 3 pin socket, Good quality Carry Case (Sample subject to ELCOT's approval).
16	Certifications	Hazardous – RoHS, Energy efficient - Energy star, Safety – BIS, Environment – EPEAT/ETDC, Operating Temperature – 0°- 55°C, AC power adaptor – Input 170V- 270V, 40 HZ - 60 HZ AC power adaptor. ETDC report is required for operational temperature range and electrical input (Complete Laptop along with battery and power adaptor) for each model.
17	Operating System	Pre-loaded with BOSS Linux
18	Warranty	3 Years onsite including Battery

Annexure-2 - PRICE BID – Laptop Computer with 3 years Warranty

RATE CONTRACT REF NO: ELCOT/Proc/OT/33260/Laptop Computer/RC/2019-20

S.N	Product Code	Description	Initial Approx. Qty & the future on RC (in Nos.)	Unit Price inclusive of Excise Duty, Packing & Forwarding, Insurance etc. (Rs.)	GST in (%) for Col no.5	GST Value for Col No.5 in Rs.	Total Unit Price with GST (Rs.) (5 + 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	33260 - 001	Laptop Intel Pentium / AMD	1 No.				
2	33260 - 002	13.3" Laptop with i5 U Series Processor, SSD	1 No.				
3	33260 - 003	13.3" Laptop with i7 U Series Processor , SSD	1 No.				
4	33260 - 004	14" Laptop with i3 U Series Processor	1 No.				
5	33260 - 005	14" Laptop with i5 U Series Processor	1 No.				
6	33260 - 006	14" Laptop with i5 U Series Processor, SSD	1 No.				
7	33260 - 007	14" Laptop with i7 U Series Processor	1 No.				
8	33260 - 008	14" Laptop with i7 U Series Processor, FHD, m2 SSD	1 No.				
9	33260 - 009	15.6" Laptop with i3 U Series Processor	1 No.				
10	33260 - 010	15.6" Laptop with i5 U Series Processor	1 No.				
11	33260 - 011	15.6" Laptop with i7 U Series Processor	1 No.				

12	33260 - 012	15.6" Laptop with i7 U Series Processor, FHD, SSD	1 No.				
13	33260 - 013	Convertible 360 Degree Laptop - i5 U Series Processor, SSD	1 No.				
14	33260 - 014	2 in 1 Laptop - i5 U Series Processor, SSD	1 No.				
15	33260 - 015	14" Laptop with AMD Ryzen 3 Processor	1 No.				
16	33260 - 016	14" Laptop with AMD Ryzen 5 Processor	1 No.				
17	33260 - 017	14" Laptop with AMD Ryzen 7 Processor	1 No.				
18	33260 - 018	Convertible 360 Degree Laptop - i5 U Series Processor, SSD with SIM, Windows OS	1 No.				
19	33260 - 019	2 in 1 Laptop - i5 U Series Processor, SSD with 16 GB RAM, Windows OS	1 No.				
20	33260 - 020	15.6" Laptop with AMD Ryzen 3 Processor	1 No.				
21	33260 - 021	15.6" Laptop with AMD Ryzen 5 Processor	1 No.				
22	33260 - 022	15.6" Laptop with AMD Ryzen 7 Processor	1 No.				
23	33260 - 023	13.3" Laptop with i5 U Series Processor, SSD with 16 GB RAM	1 No.				
24	33260 - 024	13.3" Laptop with i7 U Series Processor, SSD with 16 GB RAM	1 No.				
	Add on Items						

25	33260 – ADD-001	4 GB DDR4 RAM	1 No.				
26	33260– ADD-002	8 GB DDR4 RAM	1 No.				
27	33260– ADD-003	16 GB DDR4 RAM	1 No.				
28	33260– ADD-004	500 GB HDD SATA 5400 RPM	1 No.				
29	33260 – ADD-005	1TB HDD SATA 5400 RPM	1 No.				
30	33260 – ADD-006	2TB HDD SATA 5400 RPM	1 No.				
31	33260– ADD-007	500GB HDD SATA 7200 RPM	1 No.				
32	33260 – ADD-008	1 TB HDD SATA 7200 RPM	1 No.				
33	33260 - ADD-009	2 TB HDD SATA 7200 RPM	1 No.				
34	33260 – ADD-010	256 GB SSD	1 No.				
35	33260 – ADD-011	512 GB SSD	1 No.				
36	33260 – ADD-012	1 TB SSD	1 No.				
37	33260 – ADD-013	256 GB M.2 SSD	1 No.				
38	33260– ADD-014	512 GB M.2 SSD	1 No.				

39	33260 – ADD 015	1 TB M.2 SSD	1 No.				
40	33260– ADD 016	2 GB Graphics Card	1 No.				
41	33260 – ADD 017	4 GB Graphics Card	1 No.				
42	33260 – ADD – 018	8 GB Graphics Card	1 No.				
43	33260– ADD 019	Li-On Battery (35 WHr) with minimum 5 hours backup	1 No.				
44	33260– ADD 020	Li-On Battery (40 WHr) with minimum 5 hours backup	1 No.				
45	33260– ADD 021	Li-On Battery (45 WHr) with minimum 7 hours backup	1 No.				
46	33260 – ADD – 022	DVD/RRW (External)	1 No.				
47	33260– ADD 023	Wireless Keyboard	1 No.				
48	33260 – ADD – 024	Wireless Mouse	1 No.				
49	33260 – ADD – 025	Wireless Speaker (Specification)	1 No.				
50	33260 – ADD – 026	USB Bilingual Keyboard	1 No.				
51	33260 – ADD – 027	Pre-Loaded Windows 10, 64bit with 1 year antivirus software	1 No.				

52	33260 – ADD – 028	Pre-Loaded Windows 10, 64bit with 3 years antivirus software	1 No.				
53	33260 – ADD – 029	Pre-Loaded Windows 10, 64bit Home with 1 year antivirus software	1 No.				
54	33260 – ADD – 030	Pre-Loaded Windows 10, 64bit Home with 3 years antivirus software	1 No.				
55	33260 – ADD – 031	Pre-Loaded Windows 10 Pro National Academic Edition	1 No.				
	In Lieu						
56	33260 INLIEU – 001	–8 GB DDR4 RAM in lieu of 4 GB RAM	1 No.				
57	33260 INLIEU – 002	–16 GB DDR4 RAM in lieu of 4 GB RAM	1 No.				
58	33260 INLIEU – 003	–16 GB DDR4 RAM in lieu of 8 GB RAM	1 No.				
59	33260 INLIEU – 004	–1 TB HDD in lieu of 500GB SATA HDD	1 No.				
60	33260 INLIEU – 005	–2 TB HDD in lieu of 1TB SATA HDD	1 No.				
61	33260 INLIEU – 006	–512 GB SSD in lieu of 256 GB SSD	1 No.				
62	33260 INLIEU – 007	–1 TB SSD in lieu of 256 GB SSD	1 No.				
63	33260 INLIEU – 008	–512 GB M.2 SSD in lieu of 256 GB M.2 SSD	1 No.				

64	33260 INLIEU – 009	-1 TB M.2 SSD in lieu of 256 GB M.2 SSD	1 No.				
65	33260 INLIEU – 010	-256 GB M.2 SSD in lieu of 256 GB SSD	1 No.				
66	33260 INLIEU – 011	-512 GB M.2 SSD in lieu of 256 GB SSD	1 No.				
67	33260 INLIEU – 012	-1 TB M.2 SSD in lieu of 256 GB SSD	1 No.				
		Total					

Note:

- 1) **The Bidder shall submit the offer by filling up all the columns against each item. Bidders shall quote for relevant products from the above list. Partial quote is allowed.**
- 2) **Warranty: Three Years.**
- 3) **Rate Contract: 1 year from the date of issue of 1st Purchase Order or from the date of signing the Agreement with ELCOT, Whichever is later.**

