Republic of the Philippines
ROMBLON STATE UNIVERSITY
Odiongan, Romblon
Tel No. (042) 567-6281
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URL: rsu.edu.ph

BIDS AND AWARDS COMMITTEE

TECHNICAL SPECIFICATION
Solicitation No. RSU-2022-07-064
ABC: PhP3,921,533.00
QTY: 449

Procurement of ICT Equipment for the Different Units and Colleges of Romblon State University

ITEM NO.	UNIT	ITEM DESCRIPTION	STATEMENT OF COMPLIANCE
		Internal Linkages and External Affairs Office	
1	set	Desktop Computer Technical Specification: CPU: 9th Gen Core i5-9400 (6-Core, 9MB Cache, up to 4.1GHz with Intel Turbo Boost Technology) HDD: 1TB 7200RPM SATA 6Gb/s RAM: 8GB (1x8GB) DDR4 2666MH Graphics: GeForce GTX 1650 4GB GDDR5 Screen: 23 Monitor - S2319H Keyboard: Wired Keyboard KB216 Black Mouse: Optical Mouse - MS116 Wireless: Wireless 1707 Card (802.11BGN + Bluetooth 4.0, 2.4 GHz) Optical Drive: Tray load DVD Drive (Reads and Writes to DVD/CD OS: Windows 10 Home (64bit) Single Language English Warranty: 1Yr Warranty	
2	unit	Laptop Technical Specification: Processor: 10th Generation Core™ i7-1065G7 Processor (8MB Cache, up to 3.9 GHz) Operating System: Microsoft Windows® 10 Pro 64-bit Video Card: Intel® Iris Plus Graphics with shared graphics memory Display: 13.4-inch FHD+ (1920 x 1200) Infinity Edge display, 500-nit, 100% sRGB color gamut, 1800:1 contrast ratio, anti-glare Memory: 16GB LPDDR4x Dual Channel SDRAM at 3733MHz Hard Drive: 512GB M.2 PCIe NVMe Solid State	

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		Drive Ports: 1 microSD card reader v4.01 3.5mm Headphone/Microphone Combo Jack 1 Type-C™ to USB-A v3.0 adapter Camera: Widescreen HD (720p) 2.25mm webcam Audio and Speakers: 3.5mm headphone/microphone combo jack with 360-degree Waves NX 3D virtual surround with headtracking via headphones Wireless: Killer™ AX1650 (2x2) built on Intel WiFi 6 Chipset + Bluetooth 5.0 Primary Battery 52WHr battery (Integrated)5	
3	pc	External Hard Drive 1TB, USB 3.0	
4	pcs	Flash Drive 32GB capacity USB 3.0 Plug and Play	
5	pcs	Laptop Stand	
6	pcs	Microphone	
7	pcs	Webcam Technical Specifications Max Resolution: 1080p/30 fps - 720p/ 30fps. Camera mega pixel: 3. Focus type: Autofocus. Lens type: Glass. Built-in mic: Stereo. Mic range: Up to 3 ft (1 m) Diagonal field of view (dFoV): 78° Digital zoom: 1.2x.	
		Physical Plant and Facilities	
8	unit	Laptop Processor: Core i5-11320H (4C / 8T, 3.2 4.5GHz, 8MB) Graphics: NVIDIA GeForce RTX 3050 4GB GDDR6, Boost Clock 1500/ 174OMHz, TGP 90W Chipset: Intel SoC Platform Memory:1x 8GB SO-DIMM DDR4-3200 Memory Slots: Two DDR4 SO-DIMM slots, dual-channel capable Max Memory: Up to 16GB DDR4-3200 Storage: 512GB SSD M.2 2242 PCIe 3.0x4 NVMe Storage Support Up to two drives, 1x 2.5" HDD + 1x M.2 2242 SSD or 1x M.2 2242/2280 SSD + 1x M.2 2242 SSD - 2.5" HDD up to 1TB - M.2 2242	

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		SSD up to 512GB -M.2 2280 SSD up to 1TB Audio Chip: High Definition (HD) Audio, Realtek ALC3287 codec Speakers: Stereo speakers, 2W x2, Nahimic Audio Camera: 720p with Camera Shutter Microphone: 2x, Array Battery: Integrated 45Wh Max Battery Life: MobileMark 2014: 8 hr Power Adapter: 170w Slim Tip (3-pin) Display: 15.6" FHD (1920x1080) IPS 300nits Anti-glare, 165Hz, 100% sRGB, DC dimmer Keyboard: White Backlit, English Case OS: Windows 11 Home Warranty: 1 year	
		CAFF	
9	unit	Printer **Technical Specifications:** **Copying:** Maximum Copies from Standalone: 99 copies Reduction / Enlargement: 25 - 400% Maximum Copy Resolution: 600 x 600 dpi Maximum Copy Size: A4, Letter **Scanning:** Scanner Type: Flatbed colour image scanner Sensor Type: CIS Optical Resolution: 1200 x 2400 dpi Maximum Scan Area: 216 x 297 mm **Paper Handling:** Number of Paper Trays: 1 **Interface:** USB: USB 2.0 Network: Wi-Fi IEEE 802.11b/g/n, Wi-Fi Direct Network Protocol: TCP/IPv4, TCP/IPv6 **Control Panel:** LCD Screen: 1.44" Colour LCD Screen	
10	Unit	LCD projector Projection Technology: RGB liquid crystal shutter projection system (3LCD) Specifications of Main Parts LCD: Size: 0.55" (D9, C^{2}fine) Native Resolution: XGA	

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		Projection Lens: Type: Optical Zoom (Manual) / Focus (Manual) Life (Normal/Eco) *Â¹: 5,000 hours / 10,000 hours Screen Size (Projected Distance) Zoom: Wide 30Â" - 300Â" [0.9 - 9.0 m] Zoom: Tele 30Â" - 300Â" [1.08 - 10.8 m] Standard Size 60Â" screen 1.8 - 2.17 m Brightness*Â² Colour Light Output: 3,200lm White Light Output (Normal): 3,200lm/2,240lm Contrast Ratio: 15,000:1 Internal Speaker(s) Sound Output: 2W Monaural Keystone Correction Keystone Vertical / Horizontal: Â±30Â° / Â±30Â° Auto Keystone Correction: Yes (Vertical only) Horizontal Slide Keystone Correction: Yes Quick Corner: Yes Connectivity Analog Input D-Sub 15 pin: 1 (Blue molding) Composite: RCA x 1 (Yellow) S-Video: 1 Digital Input HDMI: 1 (MHL not supported) Audio Input 2 RCA (White/Red): 1 USB Interface USB Type A: 1 (for USB Memory, Document Camera, Wireless LAN, Firmware Update) USB Type B: 1 (for USB Display, Mouse, K/B, Control, Firmware Update) Network Wireless LAN: Optional (ELPAP10)	
		Institute of Information Technology	
11	pc	Heavy Duty Power Cord for PC	
12	pc	AVR 1500w with time delay function	
13	pc	3M HDMI Cable 4K 60hz HDMI 2.0 Male to Male High Speed	
14	Pc	UPS 1000VA 600 with LCD Display	

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15	pc	Deep Bass Headphone Stereo Surrounded Over-Ear Headset with Mic Led	
16	pc	RJ45 Crimp Tool Pass Through Cat5 Cat5E Cat6 Crimping Tool	
17	box	CAT5 Cable	
18	box	R45 connector (100 pcs/Box)	
19	pc	WIFI Adapter AC650 Dual Band 600Mbps Auto-Install USB Adapter 802.11ac Ethernet Network Card wi-fi receiver	
20	pc	3 in 1 Router/AP/Rango Extender with 802.11n-Up to 300 Mbps, MIMO	
21	pc	16-Port Gigabit Switch	
22	pc	2 Bay SATA USB3.0 Hard Drive Docking Station for 2.5/3.5 SSD HDD with	
23	Set	Printer Technical Specification: Printing Method: Precision Core™ Print Head; Nozzle Configuration: 400 Nozzles Black, 128 Nozzles per Color Minimum Droplet Size: 3.3 pi, With Variable-Sized Droplet Technology ink Technology: Pigment black and Dye colour Inks Printing Resolution: 4,300 x 1,200 DPI Category: Home/Office Desktop All-in-One Functions: Print, Scan, Copy, Fax Print: Printing Speed ISO/IEC 24734: 15.5 pages/min Monochrome, 8.5 pages/min Colour Printing Speed: 33 pages/min Monochrome (plain paper 75 gm), 20 pages/min Colour (plain paper 75 g/m), 69 Seconds per 10 x 15 cm photo (Epson Premium Glossy Photo Paper) Duplex Printing Speed ISO/IEC 24734: 6.5 A4 Pages/min Monochrome, 4.5 A4 Pages/min Colour Colours: Black, Cyan, Yellow, Magenta Scan: Single-sided scan speed (A4 black): 200 DPI;, 5 ipm with ADF scan 12 sec. with flatbed scan Single-sided scan speed (A4 colour): 200 DPI;,5 ipm with ADF scan 27 sec. with flatbed scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Optical Resolution (ADF): 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG	

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24	set	DSLR Camera. 24.2MP APS-C CM0S Sensor, Digic 7 image processor, 3.0" 1.04M-Dot Vari-angle touch screen, Full HD 1080P video recording at 60 FPS, 45 point all cross-type phase detect AF, DUAL Pixel CMOS AF, up to 6FPS shooting and 1S0 51200, EF-S 18-55MM F/4-5.6 IS STM LENS	
25	pc	Condenser Microphone. Large Dual Layer 19MM Diaphragm. Heavy Gauge Mesh Grill, Cardioid Pickup Pattern, Gold Plated XLR connector	
26	pc	Mic Mount Holder Bracket. Black and metal	
27	pc	Microphone Filter. Reflection Filters, Black Spray Net, TPU + Plastic and Dual Layer	
28	pc	Adjustable Microphone Mic Stand Tripod mic stand closed: 8.5x7x/5cm	
29	roll	100 Meters Speaker wire Positive & Negative. #16 speaker wire	
30	pc	Male plug Speaker connector	
31	pc	2.6Mx3M Backdrop Muslin Stand. Triple Crossbar 8.5x10 Feet	
32	pc	backdrop Smooth Green Screen. 3Mx3M cotton	
33	set	1 Set Studio Photo Lighting Kit includes: (2) 50 x 70 Softbox, (8) 45w Light	
34	pc	Professional Tripod. Folding Length: 50cm/19.7inch	
35	set	1 Sets 12 pcs 30 30 CM Acoustic Foams Sound insulations	
		RSU- GAD	
36	set	Desktop computer Processor: Core 13- 7100, 3.9 GHZ socket, FCLA 1151; Mainboard: 8250M-A LGA 1151, Processor sockets & supports DDR 4 memory; Memory: 4 GB DDR4 Storag: 128 GB SSD5 mouse and keyboard: A4tech usb Display: 12280SW LED22 class 21.5" LED monitor with VGA and DVI port; Casing: Aero Cool GT CPU Casing with 800 watts power supply AVR	

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37	Unit	Desktop Computer Processor: Intel i7 10TH Gen Motherboard: H410M/H510M / B560M Graphics Card: GTX 1660 Super, 1660Ti, 1650, 1050TI / GT 1030 / RX 6700XT / RTX 2060, 3050, 3060, 3060TI, 3070 RAM: 8GB SSD: 240GB Case: GRAFFITI Glass Gaming Freebies: Pen and Gaming Mouse (Best Use for Gaming, Streaming, Office, Business, Online Class, and Many More) HDD: 500GB SSD	
38	unit	Webcam Technical Specifications Max Resolution: 1080p/30 fps - 720p/ 30fps. Camera mega pixel: 3. Focus type: Autofocus. Lens type: Glass. Built-in mic: Stereo. Mic range: Up to 3 ft (1 m) Diagonal field of view (dFoV): 78° Digital zoom: 1.2x.	
39	unit	Dual Band Router A5 AC1200 Wireless Dual Band Router 2.4G & 5G Wi-Fi Router | Access Point|	
40	unit	Laptop Processor: AMD Ryzen 7 4800H Processor Graphics: NVIDIA GeForce GTX 1660TI 6GB GDDR6 GPU Memory: 8 GB RAM Storage: 512 GB SSD+ 1 TB	
41	unit	Printer Technical Specification: Printing Method: Precision Core™ Print Head; Nozzle Configuration: 400 Nozzles Black, 128 Nozzles per Color Minimum Droplet Size: 3.3 pi, With Variable-Sized Droplet Technology ink Technology: Pigment black and Dye colour Inks Printing Resolution: 4,300 x 1,200 DPI Category: Home/Office Desktop All-in-One Functions: Print,	

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		Scan, Copy, Fax Print: Printing Speed ISO/IEC 24734: 15.5 pages/min Monochrome, 8.5 pages/min Colour Printing Speed: 33 pages/min Monochrome (plain paper 75 gm), 20 pages/min Colour (plain paper 75 g/m), 69 Seconds per 10 x 15 cm photo (Epson Premium Glossy Photo Paper) Duplex Printing Speed ISO/IEC 24734: 6.5 A4 Pages/min Monochrome, 4.5 A4 Pages/min Colour Colours: Black, Cyan, Yellow, Magenta Scan: Single-sided scan speed (A4 black): 200 DPI;, 5 ipm with ADF scan 12 sec. with flatbed scan Single-sided scan speed (A4 colour): 200 DPI;,5 ipm with ADF scan 27 sec. with flatbed scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Optical Resolution (ADF): 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG	
		CAS	
42	unit	Desktop Computer Technical Specification: CPU: 9th Gen Core i5-9400 (6-Core, 9MB Cache, up to 4.1GHz with Intel Turbo Boost Technology) HDD: 1TB 7200RPM SATA 6Gb/s RAM: 8GB (1x8GB) DDR4 2666MH Graphics: GeForce GTX 1650 4GB GDDR5 Screen: 23 Monitor - S2319H Keyboard: Wired Keyboard KB216 Black Mouse: Optical Mouse - MS116 Wireless: Wireless 1707 Card (802.11BGN + Bluetooth 4.0, 2.4 GHz) Optical Drive: Tray load DVD Drive (Reads and Writes to DVD/CD OS: Windows 10 Home (64bit) Single Language English Warranty: 1Yr Warranty	
43	unit	Printer Technical Specification: Printing Method: Precision Core™ Print Head; Nozzle Configuration: 400 Nozzles Black, 128 Nozzles per Color Minimum Droplet Size: 3.3 pi, With Variable-Sized Droplet Technology ink Technology: Pigment black and Dye colour Inks	

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		Printing Resolution: 4,300 x 1,200 DPI Category: Home/Office Desktop All-in-One Functions: Print, Scan, Copy, Fax Print: Printing Speed ISO/IEC 24734: 15.5 pages/min Monochrome, 8.5 pages/min Colour Printing Speed: 33 pages/min Monochrome (plain paper 75 gm), 20 pages/min Colour (plain paper 75 g/m), 69 Seconds per 10 x 15 cm photo (Epson Premium Glossy Photo Paper) Duplex Printing Speed ISO/IEC 24734: 6.5 A4 Pages/min Monochrome, 4.5 A4 Pages/min Colour Colours: Black, Cyan, Yellow, Magenta Scan: Single-sided scan speed (A4 black): 200 DPI;, 5 ipm with ADF scan 12 sec. with flatbed scan Single-sided scan speed (A4 colour): 200 DPI;,5 ipm with ADF scan 27 sec. with flatbed scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Optical Resolution (ADF): 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG	
		Planning and Development	
44	pc	All in 1 printer (Print, copy, scan, Sax, ADF, wireless) Technical Specification: Number of Print Cartridges: 4 (1 each black bottle, set of 3 color bottles), Wireless Capability: Yes, built-in self-healing dual band Wi-Fi 802.11b/g/n, Wireless direct, BLE Connectivity Standard: Hi-Speed USB 2.0, WiFi, Bluetooth LE, Mobile Printing Capability: Apple AirPrint; Mopria Print Service; Print Service Plugin (Android printing); Google Cloud Print™; Wi-Fi Direct Printing, Scanner Type: Flatbed, ADF Scan File Format: JPEG, TIFF, PDE, BMP, PNG Scan Resolution: OPTICAL Up to 1200 dpi)	

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45	set	Desktop Computer Processor: 10th Gen Core i5-10400F Storage: 256GB M.2 PCIe NVMe Solid State Drive + 1TB 7200 rpm 3.5" SATA Hard Drive Memory: 8GB, ix8GB, DDR4, 2666MHz Video: GeForce{R) GIX 1650 SUPER(TM) 4GB GDDR6 Keyboard: KB216 Black (English) Mouse: Optical Mouse-MS1 16 Black Wifi: 802.11ac ix1 WiFi and Bluetooth Display: 24" Monitor SE2419HR Power Supply: 360W PSU OS: Windows 10 Home (64bit) Single Language English McAfce(R) Multi Device Security 12-month subscription) Warranty: 1 year	
46	pcs	External Hard Drive 1TB, USB 3.0	
47	pcs	Flash Drive 32GB capacity USB 3.0 Plug and Play	
48	unit	UPS 1000VA 600 with LCD Display	
		Office of the Chief Administrative Officer	
49	unit	Laptop Operating System: Windows 10 Pro; Processor: 11th Gen i7-11800H; Graphics: GeForce RTX 3050 Ti 4GB GDDR6 [45w]; Display: 15.6" 1920x1080 resolution Infinity Edge non-touch anti-glare 500-Nit display; Memory: 16GB DDR4 3200MHz; Storage: 512GB M.2 PCIe NVMe SSD; Camera: 720p HD camera	
50	unit	UPS Capacity: 1500va/900w, Input voltage: 220/230/240Vac, Input voltage range: 145-290Vac. Frequency range: 45-65Hz	
51	pcs	Web Cam Max Resolution: 1920x1080; 2 megapixels; Auto Focus with built-in microphone with clear sound; Operation System: Windows XP/7/10, Android, Linux, macOS; USB interface no need to install driver software	
52	unit	Wireless Headset with Noise Cancellation, Plug and Play, Bluetooth version 5.0,	
53	unit	Wireless Speaker Maximum music playing time (hrs) 12, Output power (W) 2 x 8 watts Dimensions (cm) 6.8 x 17.5 x 7.0, Weight (kgs) 0.51, Bluetooth	

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		version 4.2, Battery capacity (mAh) 3,000, Charging time (hrs) 3.5	
		ICJE	
54	Unit	Bluetooth Speaker, Waterproof Outdoor speaker with dual speaker, 31-watt output power, Bluetooth/aux, 5v 1A USB charging voltage	
55	pair	Computer Speaker with 45mm driver unit, 90db speaker sensitivity, 4ohms impedance, 20Hz-16kHz frequency response, Bluetooth v5.0, 3.5mm USB input interface, with RGB lights	
56	license	Microsoft Office Professional 2019 Software	
57	unit	Wireless Presentation Remote/Pointer, 2.4GHz wireless connection, battery operated, 65 ft. maximum range, with class 2 laser, compatible with MacOS, Windows and Linux	
58	unit	Condenser Microphone, cardioid, USB cord plug and play, full metal chassis, active noise-cancellation feature with microphone volume and gain control, compatible with MacOS and Windows	
59	unit	USB Headset with Noise-Cancellation Microphone for Online Meeting, streaming etc., with volume control, adjustable headband, compatible for MacOS and Windows	
60	Unit	Automatic Voltage Regulator (AVR) 500 watts, up to 250 volts input, with delay response time and w/ bypass botton, 3 sockets outlet, with output voltage meter indicator	
61	Unit	Copying Machine Printer Type: Laser Print Method: Electrophotographic Laser Printer Memory Capacity: 512 MB LCD (liquid crystal display): 3.7 in. (93.4 mm) TFT Colour Touchscreen LCD ADF (automatic document feeder): Up to 70 sheets Temperature: 20 to 30 °C Humidity: 50 to 70% Paper: 80 g/m2	

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62	unit	Rechargeable Portable Megaphone with the following specs: 50-watt power output, with rechargeable battery and charger, up to 800 meters broadcast ranges, with usb/sd slots, and recording function, volume control	
63	set	Dual Wireless Microphone: with 2 handheld microphone, 60-meter range, with plastice carrying case, frequency of UHF 740.0-865.6MHz, power supply 2x1.5V AA battery	
		University/ Board Secretary	
64	unit	Uninterrupted Power Supply Technical Specification: Input Power: 220V-240V 50/60hz-1-5H (auto (sensing) Output Capacity: 1200VA/650W No. of Outlet: 5 OUTLETS (4 universal 1 iec 60320 c13) 1200 VA/650W AVR, Battery Type: Lead - Acid, Computer Grade Surge Protection	
65	Set	Desktop Computer Processor: 8th Generation Core i7-8700 processor (12M Cache, up to 4.6 GHz); HDD: 1TB GB 7200+128GB SSD Memory: 8GB (1X8GB) 2400Mhz DDR4; Graphics: GeForce GTX 1050Ti with 4GB GDDR5 Monitor: 2319H 23"; Keyboard Wired Keyboard & Mouse; Wireless DW 1705 802.11bgn+ Bluetooth 4.0, 2.4 GHz, 1x1; OS: Windows 10 Home (64bit) Single Language English Warranty: 1Yr Premium Support: NBD Onsite Service Ports& Slots: 1 Power button |2. 5-in-1 Mult-Card Reader	3. Audio combo jack	4. (2) USB 3.1 Gen 1 Type-A |5. Optical drive	6. Air vent	7. Line in/out& Microphone Port |8. HDMI out |9. VGA	10. (4) USB 2.0 ports	11. Ethermet port	12. Expansion card slots| 13. Power supply unit 14 Security-cable slots	15. Padlock rings	
66	unit	Printer	

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		Technical Specification: Printing Method: Precision Core™ Print Head; Nozzle Configuration: 400 Nozzles Black, 128 Nozzles per Color Minimum Droplet Size: 3.3 pi, With Variable-Sized Droplet Technology ink Technology: Pigment black and Dye colour Inks Printing Resolution: 4,300 x 1,200 DPI Category: Home/Office Desktop All-in-One Functions: Print, Scan, Copy, Fax Print: Printing Speed ISO/IEC 24734: 15.5 pages/min Monochrome, 8.5 pages/min Colour Printing Speed: 33 pages/min Monochrome (plain paper 75 gm), 20 pages/min Colour (plain paper 75 g/m), 69 Seconds per 10 x 15 cm photo (Epson Premium Glossy Photo Paper) Duplex Printing Speed ISO/IEC 24734: 6.5 A4 Pages/min Monochrome, 4.5 A4 Pages/min Colour Colours: Black, Cyan, Yellow, Magenta Scan: Single-sided scan speed (A4 black): 200 DPI;, 5 ipm with ADF scan 12 sec. with flatbed scan Single-sided scan speed (A4 colour): 200 DPI;,5 ipm with ADF scan 27 sec. with flatbed scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Optical Resolution (ADF): 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG	
Office of the Vice- President for Administration and Finance		
67	Set	Desktop Computer Technical Specs: Processor: Core i7 Display: 20 inches Graphics: GeForce GTX 1650 4GB GDDR5 Storage: 1TB HDD Memory: 4 MB Ram with Mouse and Keyboard AVR	
68	unit	Laptop Processor: Up to 11th Gen Core i7 Operating System: Windows 10 Pro Graphics: Intel Iris Xe, Display -13 inches (2160x1350), Ips, touchscreen	

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		100 % RGB Supports Lenovo E-Color Pen & Digital pen Memory: 16GB, Battery: 8 hours (Mobile Mark 2018), Storage: 1TB Pcle SSD Audio: 2X Dolby Audio Speakers Smart amp Camera: 1MP HD 720p with microphone array Connectivity: Wifi 6 (802.11 ax 2x2) WIFI 5 (802.11 ax 1xl1) compatible, Bluetooth 5.1 Ports: 2 x USB-C 3.2 (Gen1 w/ power delivery + display Port + USB) USB C- Thunderbolt 4 HDMI, SD Card reader, Headphone/mic combo Detachable Keyboard w/ Bluetooth 5.1 Digital Assistance – Alexa Preloaded Software - Lenovo Vantage	
69	Pc	Speaker with Digital Sound Features USB Connectivity, Audio Power Output 1.2 Horsepower Number of Channels 2.0	
70	pc	Extension Wires 3 gang, 10 meters	
71	pc	Hard Drive, External Portable 1TB 3.0	
72	pc	Webcam Technical Specifications Max Resolution: 1080p/30 fps - 720p/ 30fps. Camera mega pixel: 3. Focus type: Autofocus. Lens type: Glass. Built-in mic: Stereo. Mic range: Up to 3 ft (1 m) Diagonal field of view (dFoV): 78° Digital zoom: 1.2x.	
73	pc	Uninterruptible Power Supply 1500VA Inverter Compatible, Excellent Microprocessor control and No-load auto shutdown	
ICTSC		
74	box	UTP Cable Cat 6 (305mn/box)	
75	box	RJ45 Passthrough Connectors for CAT6 LAN Cables (100pcs/box)	
76	pc	Memory DDR 4 - 8GB 320OMHz RGB HyperX Fury CL16 DIMM	
77	pc	Solid State Drive 480GB A400 Sata3 2.5-inch	

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78	pair	SFP Module SC 3/5/20KM GBIC 1.25G Switch Ethernet Fiber Optic Transceiver Compatible with TP-	
79	pc	WIFI Adapter AC650 Dual Band 600Mbps Auto-Install USB Adapter 802.11ac Ethernet Network Card wi-fi receiver	
80	pc	USB Flash Drive (Uv350 USB 3.2 Gen1 128GB, backward compatible with USB 2.0)	
VPAA			
81	unit	All-In-One Desktop computers Display: 23.8" Processor: core i5 Memory: 8G DDR3 Storage: 120G SSD UPS battery OS: Windows 10 home.	
Extension and Technical Advisory Services Office			
82	Pc	WIFI Adapter AC650 Dual Band 600Mbps Auto-Install USB Adapter 802.11ac Ethernet Network Card wi-fi receiver	
83	unit	Extension cord (10 gang universal outlet) Heavy duty	
84	unit	External Hard Drive 5TB, USB 3.0	
85	pcs	Microphone Headset ES-160i Earbuds in Ear Earphones with microphone Super Bass Headphones Sport Earpiece	
86	Set	36cm LED Ring Light Adjustable Fill Light Video Light Vlog Studio Lighting with 2m Tripod Stand	
87	pcs	Flash Drive 32GB capacity USB 3.0 Plug and Play	
Supply & Property Management Office			
88	set	Desktop Computer Technical Specification: CPU: 9th Gen Core i5-9400 (6-Core, 9MB Cache, up to 4.1GHz with Intel Turbo Boost Technology) HDD: 1TB 7200RPM SATA 6Gb/s RAM: 8GB (1x8GB) DDR4 2666MH Graphics: GeForce GTX 1650 4GB GDDR5 Screen: 23 Monitor - S2319H Keyboard: Wired Keyboard KB216 Black Mouse: Optical Mouse - MS116 Wireless: Wireless 1707 Card (802.11BGN + Bluetooth 4.0, 2.4 GHz)	

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		Optical Drive: Tray load DVD Drive (Reads and Writes to DVD/CD OS: Windows 10 Home (64bit) Single Language English Warranty: 1Yr Warranty	
89	unit	Printer Technical Specification: Printing Method: Precision Core™ Print Head; Nozzle Configuration: 400 Nozzles Black, 128 Nozzles per Color Minimum Droplet Size: 3.3 pi, With Variable-Sized Droplet Technology ink Technology: Pigment black and Dye colour Inks Printing Resolution: 4,300 x 1,200 DPI Category: Home/Office Desktop All-in-One Functions: Print, Scan, Copy, Fax Print: Printing Speed ISO/IEC 24734: 15.5 pages/min Monochrome, 8.5 pages/min Colour Printing Speed: 33 pages/min Monochrome (plain paper 75 gm), 20 pages/min Colour (plain paper 75 g/m), 69 Seconds per 10 x 15 cm photo (Epson Premium Glossy Photo Paper) Duplex Printing Speed ISO/IEC 24734: 6.5 A4 Pages/min Monochrome, 4.5 A4 Pages/min Colour Colours: Black, Cyan, Yellow, Magenta Scan: Single-sided scan speed (A4 black): 200 DPI;, 5 ipm with ADF scan 12 sec. with flatbed scan Single-sided scan speed (A4 colour): 200 DPI;,5 ipm with ADF scan 27 sec. with flatbed scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Optical Resolution (ADF): 1,200 DPI x 2,400 DPI (Horizontal x Vertical) Output formats: BMP, JPEG, PICT, TIFF, multi-TIFF, PDF, PNG	
90	unit	Photocopying Machine (Copier: Multi copying up to 99 copies, 800 dpi Resolution 50% to 200% Zoom, Printer 800 dpi Print Resolution, Standard USB 2.0 Interface, Scanner Maximum 800 dpi Resolution, Scanning speed: 8W Max 17 originals/min.)	
91	unit	Ring Binder (Heavy Duty) 24 Holes LCT Comb	
92	unit	Steel Filing Cabinet, Lateral, 4 drawers	
		Health Services Unit	
93	unit	All-In-One Desktop computers	

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		Display: 23.8" Processor: core i5 Memory: 8G DDR3 Storage: 120G SSD UPS battery OS: Windows 10 home.	
94	unit	3 in 1 Printer Specification: Print Technology: Inkjet Print Speed: 33 PPM (Black) /15 PPM (Color) Print Resolution: 5760 x 1440 DPI Copy First Copy Out Time: APPROX. 10 SEC / 16 SEC x 1 Copy Resolution: 300 X 300 DPI Scan Scan Resolution: 1200 x 2400 DPI Paper Handling Paper Size LEGAL, INDIAN-LEGAL (215 X 345 MM), 8.5 X 13″, LETTER, A4, 16K (195 X 270 MM), B5, A5, B6, A6, HAGAKI (100 X 148 MM), 5 X 7″, 4 X 6″, ENVELOPES: #10, DL, C6 Connectivity Wi-Fi: IEEE802.11 b/g/n (Wi-Fi 4) USB: High Speed USB Refill Supplies Ink C13T00V1 # Black 003 Ink Bottle C13T00V2 # Cyan 003 Ink Bottle C13T00V3 # Magenta 003 Ink Bottle C13T00V4 # Yellow 003 Ink Bottle Warranty Warranty: 1-year warranty	
95	unit	Laptop Core i3 11th Gen A315-58-3474 Processor: Intel Core i3-1115G4 processor (6 MB Smart Cache, 3.0 GHz with Turbo Boost up to 4.1 GHz, DDR4 or LPDDR4x) Memory: 8GB of onboard DDR4 system memory, upgradable up to 16GB of dual channel DDR4 system memory Storage: 512GB NVMe SSD Display: 15.6in Full HD 1920 x 1080, high-brightness Acer ComfyViewTM LEDbacklit TFT	

Serving with Honor and Excellence!

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		LCDÂ - 16:9 aspect ratio Â - Ultra-slim design Â - Mercury free, environment friendly" Graphics: Intel UHD Graphics for 11th Gen Intel Processors WLAN: Intel Wireless-AC 9461/9462, 802.11a/b/g/n/ac wireless LAN, Dual Band (2.4 GHz and 5 GHz), 1x1 MU-MIMO technology, Supports Bluetooth 5.0, 802.11a/b/g/n/ac wireless LAN, Operates at 2.4 GHz and 5 GHZ, 1x1 MU-MIMO technology LAN: Gigabit Ethernet, Wake-on-LAN ready" Operating System: Windows 10 Home Audio: Two built-in stereo speakers, Built-in digital microphone" Dimensions: 363.4 (W) x 238.4 (D) x 19.9 (H) mm (14.31 x 9.39 x 0.78 inches) Weight: 1.7 kg (3.75 lbs.) with 2-cell battery pack, one SSD Power: 3-pin 45 W AC adapter Battery: 36.7 Wh 2-cell Li-ion battery, Up to 9 hours (based on MobileMarkÂ® 2014 test results) HD webcam: 1280 x 720 resolution, 720p HD audio/video recording Ports: USB 2.0 port, HDMI 2.0 port with HDCP support, 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone, DC-in jack for AC adapter, Ethernet (RJ-45) port, Two USB 3.2 Gen 1 ports" Bundle: Office 2019 for Home and Student 1 Year Warranty	
		REDi R&D/ IP- TBM	
96	Pcs	Headphone, with noise cancelling, built-in microphones, 2000 Hz, 94dB, 3.5 mm jack	
97	unit	Laptop Processor: 10th Generation Core™ i5-10210U Processor (6MB Cache, up to 4.2 GHz) Operating System: Windows 10 Home Memory: 4GB, onboard, DDR4, 2666 MHz Hard Drive: 256GB M.2 PCIe NVMe Solid State Drive Video Card: GeForce˙® MX230 with 2GB GDDR5	

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		graphics memory Display: 14.0-inch FHD (1920 x 1080) Anti-glare LED Backlight Non-touch Narrow Border WVA Display Battery: 3-Cell Battery, 51 Whr (Integrated)	

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Name and Signature of the Bidder/Authorized Representative

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Name of the Company