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ANNEX "B"

Technical Specifications

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Item	Quantity	Minimum Specifications	Statement of Compliance (Indicate also the brand name, model and detailed specification with supporting brochure and related literature)
I. Background SLSU Main Campus (hereinafter, the Procuring Entity) intends to purchase the latest versions of Information and Communications Technology (ICT) equipment, software and peripherals (hereinafter, the Goods) to augment the ICT capability of the university.			
II. Technical Specifications The goods must be brand-new and of a reputable brand. Refurbished equipment are not acceptable. The supplier shall provide SLSU Main Campus the Goods with the following minimum specifications:			
ICT EQUIPMENT			
		➢ **Desktop Computer**	
1	4 units	End-user: **Extension** Specifications: Processor : 7th Generation Intel Core i5-7400 3.00 GHz Processor (6M Cache, 3.50 GHz) Storage : 1TB 7200 rpm SATA 6Gb/s Memory : 8GB (1X8GB) 2400Mhz DDR4 Graphics : NVIDIA(R) GeForce (R) GT 730 2GB GDDR3 Display : 23" Monitor Keyboard : Wired Keyboard & Mouse Wireless : 802.11bgn + Bluetooth 4.0, 2.4 GHz, 1x1 Card Reader : N/A Optical Drive : DVDRW Optical Drive Operating System : Windows 10 Home (64bit) Single Language English Warranty : 1Yr ProSupport: NBD Onsite Service	
2	1 unit	End-user: **IAS** Specifications: Display : 21.5-inch HQ Monitor Processor :Intel Core i3-6100 Processor (3M Cache, 3.70GHz) Memory : 4GB DDR4 2133 Hard Drive : 1TB 3.5-inch 7200 RPM Optical Drive : 8X Super-Multi drive, 9.0 mm slim, tray load Graphics : Integrated Intel HD Graphics Webcam : N/A Card Reader : Yes Audio: Integrated high-definition, 5.1-channel surround sound Networking : 802.11ac/a/b/g/n wireless LAN and Bluetooth® 4.0 LE	

		I/O Ports : Front/Side I/O connectorsCard reader: Yes Audio jack(s): 2 USB 3.0 port(s): 2 Rear I/O connectors HDMI port(s): 2 (out) LAN port(s): 1 Audio jack(s): 3 USB 2.0 port(s): 4 USB 3.0 port(s): 1 Expansion Slots : Number of PCIe x16 slot(s): 1 Number of PCIe x1 slot(s): 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1 Total of 2 Slots for RAM Power Supply : 300W CR Accessories : USB Keyboard and Mouse Speakers : USB Speakers Operating System : Windows 10 SL 64 Bit Warranty : 1 year warranty on parts and labor	
3	2 units	End-user: **Elect'l Eng'g & Electronics Technology** Specifications: Display : 21.5-inch HQ Monitor Processor :Intel Core i3-6100 Processor (3M Cache, 3.70GHz) Memory : 4GB DDR4 2133 Hard Drive : 1TB 3.5-inch 7200 RPM Optical Drive : 8X Super-Multi drive, 9.0 mm slim, tray LoadDP Graphics : Integrated Intel HD Graphics Webcam : N/A Card Reader : Yes Audio: Integrated high-definition, 5.1-channel surround sound Networking : 802.11ac/a/b/g/n wireless LAN and Bluetooth® 4.0 LE I/O Ports : Front/Side I/O connectorsCard reader: Yes Audio jack(s): 2 USB 3.0 port(s): 2 Rear I/O connectors HDMI port(s): 2 (out) LAN port(s): 1 Audio jack(s): 3 USB 2.0 port(s): 4 USB 3.0 port(s): 1 Expansion Slots : Number of PCIe x16 slot(s): 1 Number of PCIe x1 slot(s): 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1 Total of 2 Slots for RAM Power Supply : 300W CR Accessories : USB Keyboard and Mouse Speakers : USB Speakers Operating System : Windows 10 SL 64 Bit Warranty : 1 year warranty on parts and labor	

4	10 units	End-user: **MEARACT** Specifications: Display : 21.5-inch HQ Monitor Processor :Intel Core i3-6100 Processor (3M Cache, 3.70GHz) Memory : 4GB DDR4 2133 Hard Drive : 1TB 3.5-inch 7200 RPM Optical Drive : 8X Super-Multi drive, 9.0 mm slim, tray load Graphics : Integrated Intel HD Graphics Webcam : N/A Card Reader : Yes Audio: Integrated high-definition, 5.1-channel surround sound Networking : 802.11ac/a/b/g/n wireless LAN and Bluetooth® 4.0 LE I/O Ports : Front/Side I/O connectorsCard reader: Yes Audio jack(s): 2 USB 3.0 port(s): 2 Rear I/O connectors HDMI port(s): 2 (out) LAN port(s): 1 Audio jack(s): 3 USB 2.0 port(s): 4 USB 3.0 port(s): 1 Expansion Slots : Number of PCIe x16 slot(s): 1 Number of PCIe x1 slot(s): 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1 Total of 2 Slots for RAM Power Supply : 300W CR Accessories : USB Keyboard and Mouse Speakers : USB Speakers Operating System : Windows 10 SL 64 Bit Warranty : 1 year warranty on parts and labor	
5	5 units	End-user: **Food Science** Specifications: Dimensions (WxDxH): 32.7 cm x 22.8 cm x 2.07 cm Weight: 1.7 kg Processor: Intel Pentium N4200 / 1.1 GHz (2.5 GHz / 2 MB Cache Networking: 802.11a/b/g/n/ac, Bluetooth 4.2, Gigabit Ethernet Display: 13.3" LED backlight 1366 x 768 / HD Battery: 3-cell - up to 8 hours Operating System: Win 10 Home 64-bit Memory: 4GB DDR3L Optical Drive: No optical drive Graphics: Intel HD Graphics 505 Storage: 1 TB HDD / 5400 rpm Integrated Webcam: Yes	
6	1 unit	End-user: **UQAO** Specifications: Processor : 7th Generation Intel Core i3-7100 Processor (3M Cache, 3.90 GHz)	

		Storage : 1TB 7200 rpm SATA 6Gb/s Memory : 4GB (1X8GB) 2400Mhz DDR4 Graphics : Integrated Intel HD Graphics Display : 21.5 Monitor Keyboard : Wired Keyboard & Mouse Wireless : 802.11bgn + Bluetooth 4.0, 2.4 GHz, 1x1 Card Reader : N/A Optical Drive : DVDRW Optical Drive Operating System : Windows 10 Home (64bit) Single Language English Warranty : 1Yr ProSupport: NBD Onsite Service	4
7	1 unit	End-user: **Clinic** Specifications: Processor : 7th Generation Intel Core i3-7100 Processor (3M Cache, 3.90 GHz) Storage : 1TB 7200 rpm SATA 6Gb/s Memory : 4GB (1X8GB) 2400Mhz DDR4 Graphics : Integrated Intel HD Graphics Display : 21.5 Monitor Keyboard : Wired Keyboard & Mouse Wireless : 802.11bgn + Bluetooth 4.0, 2.4 GHz, 1x1 Card Reader : N/A Optical Drive : DVDRW Optical Drive Operating System : Windows 10 Home (64bit) Single Language English Warranty : 1Yr ProSupport: NBD Onsite Service	
		➤ **Laptop**	
8	1 unit	End-user: **Cultural** Specifications: Screen Size: 17.3-inch Screen Resolution: 1920×1080 pixels (Full HD) Touchscreen: No Other Display Specs: IPS display tech (wide viewing angles) Processor (CPU): Intel Core i7-6700HQ 6th Gen Skylake quad-core 2.6-3.5GHz 6MB cache (~8,000 PassMark CPU benchmark points) Graphics (GPU): Nvidia GeForce GTX 965M 2GB GDDR5 "Maxwell" Dedicated Video Card System Memory (RAM): 12GB Storage: 1000GB (1TB) HDD DVD Optical Drive: DVD writer Input: Backlit keyboard with numeric pad, Multi-touch trackpad with physical buttons Speakers and Audio: Stereo speakers with subwoofer Separate mic and headphones audio jacks Cameras: Front Wi-Fi: 802.11AC Bluetooth: Yes Ethernet LAN: Yes USB: 1 x USB-C, 4 x USB 3.0 Video Ports: 1 x HDMI, 1 x mini DisplayPort Media Card Reader: Yes (SD card reader) Other Features: Thunderbolt 3.0 technology Weight: 9 pounds Height: 1.7″	

		Width: 16.9" Depth: 13" Windows Version: Windows 10 Home Warranty: 1-Year	
9	1 unit	End-user: **Sports Development** Specifications: Processor :Intel Core i5-7200UProcessor, 2.5GHz (3M Cache, up to 3.1GHz) Operating System: Windows 10 Home Memory:4GB DDR4 2133MHz SDRAM Onboard Memory Display: 14.0" (16:9) LED backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC Graphic: NVIDIA GeForce 940MX , with 2GB GDDR5 VRAM Storage : 1TB 5400RPM SATA HDD Optical Drive: Super-Multi DVD Keyboard: Chicklet keyboard Card Reader: Multi-format card reader (SD/SDHC/SDXC) WebCam: VGA Web Camera Networking: Wi-Fi Integrated 802.11b/g/n Bluetooth: Built-in Bluetooth V4.0 Interface: 1 x COMBO audio jack, 1 x VGA port, 1 x Type C USB3.0 (USB3.1 GEN1), 1 x USB 3.0 port(s) Type A, 1 x USB 2.0 port(s), 1 x RJ45 LAN Jack for LAN insert, 1 x HDMI, 1 x Fingerprint (Optional) 1 x SD card reader, 1X AC adapter plug Audio: Built-in Stereo 3 W Speakers And Analog Microphone Support Windows 10 Cortana SonicMaster Technology Battery: 2 Cells mAh 38 Whrs Polymer Battery Power Adapter: Plug Type :ø4 (mm) Output : 19 V DC, 2.47 A, 65 W Dimensions: NB: 348 x 242.8 x 23 ~23.6 mm (WxDxH) Weight: NB: 1.8kg	
10	1 unit	End-user: **HRTM** Specifications: OS: Windows 10, Processor: Intel Core i7-700HQ 2.80GHz Processor (6M Cache, up to 3.80GHz) Memory: 32GB DDR4 SDRAM Storage: 128GB SSD + 1TB HDD Display: 15.6-in FHD Active Matrix TFT Color LCD 1920 x 1080 Display Graphics: 4GB NVIDIA GeForce GTX 1050 VRAM I/O Ports: HDM, USB 2.0 Ports , USB 3.0 Ports, USB 3.1 Ports, USB Connector Type-C Keyboard: Keyboard backlight Battery: 3-cells lithium Ion (Li-Ion) Battery *Warranty: 2 years door-to-door warranty*	
11	1 unit	End-user: **IGP** Specifications: OS: Windows 10 Home,	

		Processor: Intel Core i3-7100U Processor (3M Cache, 2.40GHz) Memory: 4GB DDR4 Card Reader: SD Card Storage: 1 TB Hard Drive Optical Drive: DVD-Writer Screen: 14-in HD (1366 x 768) resolution Graphics: 2Gb NVIDIA GeFroce 940MX GDR5 Connectivity: 802.11ac wireless LAN, Gigabit LAN Audio & Video: Two speakers Ports & Connectors: 2x USB 3.0, 1x USB 2.0, Network (RJ45), HDMI Output Input Devices: Touchpad Battery: 4-cell 2800mAH Li-ion Adapter: 65W Dimensions: 343mm x 248mm x 30mm Weight: 2.1kg	
12	1 unit	End-user: **Elect'l Eng'g & Electronics Tech** Specifications: *Processor: Intel Pentium QC N4200 1.10GHz Processor* *(2M Cache, up to 2.5 GHz)* *Operating System: Windows 10 Home* *Memory: 4GB SDRAM* *Display: 14.0" (16:9) LED backlit HD (1366x768)* *60Hz Glare Panel with 45% NTSC* *Storage: 500GB 5400RPM SATA HDD* *Optical Drive: N/A* *Graphics : NViDia GT810 1GB VRAM* *Keyboard: Chiclet keyboard* *Card Reader: Multi-format card reader* *WebCam: VGA Web Camera* *Networking: Wi-Fi Integrated 802.11b/g/n* *Bluetooth: Built-in Bluetooth V4.0* *Interface: 1 x COMBO audio jack, 1 x USB 3.0 port(s)* *1 x USB 2.0 port(s), 1 x USB-C Gen 1 (up to 5 Gbps)* *1 x RJ45 LAN Jack for LAN insert, 1 x SD card reader* *1X AC adapter plug* *Audio: SonicMaster Technology* *Battery: 3 Cells 36 Whrs Battery* *Power Adapter: Output : 19 V DC, A, 33 W* *Input : 100 -240 V AC, 50/60 Hz universal* *Dimensions: 34.8 x 24.2 x 2.76 ~ cm (WxDxH)* *Weight: 1.7 kg*	
13	1 unit	End-user: **Food Prep – Ojt Coord.** Specifications: *Processor: Intel Pentium QC N4200 1.10GHz Processor* *(2M Cache, up to 2.5 GHz)* *Operating System: Windows 10 Home* *Memory: 4GB SDRAM* *Display: 14.0" (16:9) LED backlit HD (1366x768)* *60Hz Glare Panel with 45% NTSC* *Storage: 500GB 5400RPM SATA HDD* *Optical Drive: N/A* *Graphics : NViDia GT810 1GB VRAM* *Keyboard: Chiclet keyboard* *Card Reader: Multi-format card reader* *WebCam: VGA Web Camera*	

		Networking: Wi-Fi Integrated 802.11b/g/n Bluetooth: Built-in Bluetooth V4.0 Interface: 1 x COMBO audio jack, 1 x USB 3.0 port(s) 1 x USB 2.0 port(s), 1 x USB-C Gen 1 (up to 5 Gbps) 1 x RJ45 LAN Jack for LAN insert, 1 x SD card reader 1X AC adapter plug Audio: SonicMaster Technology Battery: 3 Cells 36 Whrs Battery Power Adapter: Output : 19 V DC, A, 33 W Input : 100 -240 V AC, 50/60 Hz universal Dimensions: 34.8 x 24.2 x 2.76 ~ cm (WxDxH) Weight: 1.7 kg	
14	1 unit	End-user: **MEARACT-OJT Coordinator** Specifications: Processor: Intel Pentium QC N4200 1.10GHz Processor (2M Cache, up to 2.5 GHz) Operating System: Windows 10 Home Memory: 4GB SDRAM Display: 14.0" (16:9) LED backlit HD (1366x768) 60Hz Glare Panel with 45% NTSC Storage: 500GB 5400RPM SATA HDD Optical Drive: N/A Graphics : NViDia GT810 1GB VRAM Keyboard: Chiclet keyboard Card Reader: Multi-format card reader WebCam: VGA Web Camera Networking: Wi-Fi Integrated 802.11b/g/n Bluetooth: Built-in Bluetooth V4.0 Interface: 1 x COMBO audio jack, 1 x USB 3.0 port(s) 1 x USB 2.0 port(s), 1 x USB-C Gen 1 (up to 5 Gbps) 1 x RJ45 LAN Jack for LAN insert, 1 x SD card reader 1X AC adapter plug Audio: SonicMaster Technology Battery: 3 Cells 36 Whrs Battery Power Adapter: Output : 19 V DC, A, 33 W Input : 100 -240 V AC, 50/60 Hz universal Dimensions: 34.8 x 24.2 x 2.76 ~ cm (WxDxH) Weight: 1.7 kg	
15	1 unit	End-user: **MEARACT** Specifications: Operating System: Windows 10 Processor: Intel Celeron N3450 1.10GHz Processor (2M Cache, up to 2.2 GHz) Memory : 4GB of DDR3L Hard Disk: 500 GB 2.5-inch 5400 RPM Display Screen: 13.3-inch HD 1366 x 768 resolution High-brightness ComfyView LED-backlit TFT LCD 16:9 aspect ratio, Mercury free, Environment friendly Grahics: Integrated Intel HD Graphics Audio: High-definition audio support, Two built-in stereo speakers, Built-in microphone Battery Type: 37 Wh 2500 mAh 14.8 V 3-cell Li-ion battery pack Battery: 3-cell Li-ion battery pack Network: 802.11b/g/n wireless LAN Bluetooth 4.0, Bluetooth 2.1+ EDR Gigabit Ethernet, Wake-on-LAN ready	

		Camera: Webcam with; 640 x 480 resolution I/O Ports: SD Card reader, USB 2.0 port, USB 3.0 port, HDMI port with HDCP support Ethernet (RJ-45) port DC-in jack for AC adapter 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
16	3 units	**End-user: IAS** Specifications: Processor: Intel Core i3-7100 3.90 GHz Processor (3M Cache, 3.90 GHz), OS: Win10 Home, Memory: 4GB SDRAM DDR4 2133MHz SDRAM, Display: 14.0" (16:9) LED backlit HD (1366 x 768) 60Hz Glare Panel, Graphic: NVIDIA GeForce 940MX, with 2GB GDDR5 VRAM, Storage: 5400RPM 1TB SATA HDD, Optical Drive: Super-Multi DVD, Keyboard: Chiclet keyboard, Card Reader: Multi-format card reader (SDXC/SDHC/SD), Webcam: VGA Web Camera, Networking: Wi-Fi, Integrated 802.11b/g/n, Integrated 802.11 AC, Bluetooth: Built-in Bluetooth V4.0, Interface: 1 x RJ45 LAN Jack for LAN insert, 1 x USB 3.0 port(s) Type A, 1 x COMBO audio jack, 1 x VGA port, 1 x Fingerprint (Optional), 1 x Type C USB3.0 (USB3.1 GEN1), 1 x HDMI, 1 x USB2.0 port(s), 1 x AC adapter plug, 1 x SD card reader, Audio: Sonic Master Technology, Support windows 10 cortana, built-in stereo 3 W speakers and analog microphone, Battery: 2 cells polymer mAh 38 Whrs Battery, Power Adapter: plug type: ø4 (mm), output: 19v DC, 2.47 A, 65W, Dimensions: NB: 348 x 242 x 23 ~23.6mm (WxDxH), Weight: 1.8kg	
17	1 unit	**End-user: Criminal Justice** Specifications: Processor: Intel Core i3-7100 3.90 GHz Processor (3M Cache, 3.90 GHz), OS: Win10 Home, Memory: 4GB SDRAM DDR4 2133MHz SDRAM, Display: 14.0" (16:9) LED backlit HD (1366 x 768) 60Hz Glare Panel, Graphic: NVIDIA GeForce 940MX, with 2GB GDDR5 VRAM, Storage: 5400RPM 1TB SATA HDD, Optical Drive: Super-Multi DVD, Keyboard: Chiclet keyboard, Card Reader: Multi-format card reader (SDXC/SDHC/SD), Webcam: VGA Web Camera, Networking: Wi-Fi, Integrated 802.11b/g/n, Integrated 802.11 AC, Bluetooth: Built-in Bluetooth V4.0,	

		Interface: 1 x RJ45 LAN Jack for LAN insert, 1 x USB 3.0 port(s) Type A, 1 x COMBO audio jack, 1 x VGA port, 1 x Fingerprint (Optional), 1 x Type C USB3.0 (USB3.1 GEN1), 1 x HDMI, 1 x USB2.0 port(s), 1 x AC adapter plug, 1 x SD card reader, Audio: Sonic Master Technology, Support windows 10 cortana, built-in stereo 3 W speakers and analog microphone, Battery: 2 cells polymer mAh 38 Whrs Battery, Power Adapter: plug type: ø4 (mm), output: 19v DC, 2.47 A, 65W, Dimensions: NB: 348 x 242 x 23 ~23.6mm (WxDxH), Weight: 1.8kg	
18	1 unit	End-user: **CET-Dean** Specifications: Processor: Intel Core i3-7100 3.90 GHz Processor (3M Cache, 3.90 GHz), OS: Win10 Home, Memory: 4GB SDRAM DDR4 2133MHz SDRAM, Display: 14.0" (16:9) LED backlit HD (1366 x 768) 60Hz Glare Panel, Graphic: NVIDIA GeForce 940MX, with 2GB GDDR5 VRAM, Storage: 5400RPM 1TB SATA HDD, Optical Drive: Super-Multi DVD, Keyboard: Chiclet keyboard, Card Reader: Multi-format card reader (SDXC/SDHC/SD), Webcam: VGA Web Camera, Networking: Wi-Fi, Integrated 802.11b/g/n, Integrated 802.11 AC, Bluetooth: Built-in Bluetooth V4.0, Interface: 1 x RJ45 LAN Jack for LAN insert, 1 x USB 3.0 port(s) Type A, 1 x COMBO audio jack, 1 x VGA port, 1 x Fingerprint (Optional), 1 x Type C USB3.0 (USB3.1 GEN1), 1 x HDMI, 1 x USB2.0 port(s), 1 x AC adapter plug, 1 x SD card reader, Audio: Sonic Master Technology, Support windows 10 cortana, built-in stereo 3 W speakers and analog microphone, Battery: 2 cells polymer mAh 38 Whrs Battery, Power Adapter: plug type: ø4 (mm), output: 19v DC, 2.47 A, 65W, Dimensions: NB: 348 x 242 x 23 ~23.6mm (WxDxH), Weight: 1.8kg	
19	1 unit	End-user: **Food Science Technology** Specifications: Processor: Intel Core i3-7100 3.90 GHz Processor (3M Cache, 3.90 GHz), OS: Win10 Home, Memory: 4GB SDRAM DDR4 2133MHz SDRAM, Display: 14.0" (16:9) LED backlit HD (1366 x 768) 60Hz Glare Panel, Graphic: NVIDIA GeForce 940MX, with 2GB GDDR5 VRAM,	

		Storage: 5400RPM 1TB SATA HDD, Optical Drive: Super-Multi DVD, Keyboard: Chiclet keyboard, Card Reader: Multi-format card reader (SDXC/SDHC/SD), Webcam: VGA Web Camera, Networking: Wi-Fi, Integrated 802.11b/g/n, Integrated 802.11 AC, Bluetooth: Built-in Bluetooth V4.0, Interface: 1 x RJ45 LAN Jack for LAN insert, 1 x USB 3.0 port(s) Type A, 1 x COMBO audio jack, 1 x VGA port, 1 x Fingerprint (Optional), 1 x Type C USB3.0 (USB3.1 GEN1), 1 x HDMI, 1 x USB2.0 port(s), 1 x AC adapter plug, 1 x SD card reader, Audio: Sonic Master Technology, Support windows 10 cortana, built-in stereo 3 W speakers and analog microphone, Battery: 2 cells polymer mAh 38 Whrs Battery, Power Adapter: plug type: ø4 (mm), output: 19v DC, 2.47 A, 65W, Dimensions: NB: 348 x 242 x 23 ~23.6mm (WxDxH), Weight: 1.8kg	
20	6 units	End-user: **Food Science Technology** Specifications: *Operating System: Windows 10* *Processor: Intel Celeron N3450 1.10GHz Processor* *(2M Cache, up to 2.2 GHz)* *Memory: 4GB of DDR3L* *Hard Disk: 500 GB 2.5-inch 5400 RPM* *Display Screen: 13.3-inch HD 1366 x 768 resolution* *High-brightness ComfyView LED-backlit TFT LCD* *16:9 aspect ratio, Mercury free, Environment friendly* *Grahics: Integrated Intel HD Graphics* *Audio: High-definition audio support,* *Two built-in stereo speakers, Built-in microphone* *Battery Type: 37Wh 2500 mAh 14.8 V 3-cell* *Li-ion battery pack* *Battery: 3-cell Li-ion battery pack* *Network: 802.11b/g/n wireless LAN* *Bluetooth 4.0, Bluetooth 2.1+ EDR* *Gigabit Ethernet, Wake-on-LAN ready* *Camera: Webcam with; 640 x 480 resolution* *I/O Ports :SD Card reader, USB 2.0 port, USB 3.0 port* *HDMI port with HDCP support, Ethernet (RJ-45) port,* *DC-in jack for AC adapter 3.5 mm headphone/speaker* *jack, supporting headsets with built-in microphone*	
21	1 unit	End-user: **UQAO** Specifications: Processor :Intel Core i5-7200UProcessor, 2.5GHz (3M Cache, up to 3.1GHz) Operating System: Windows 10 Home Memory:4GB DDR4 2133MHz SDRAM Onboard Memory Display: 14.0" (16:9) LED backlit FHD (1920x1080) 60Hz Anti-Glare Panel with 45% NTSC Graphic: NVIDIA GeForce 940MX , with 2GB	

		GDDR5 VRAM Storage : 1TB 5400RPM SATA HDD Optical Drive: Super-Multi DVD Keyboard: Chicklet keyboard Card Reader: Multi-format card reader (SD/SDHC/SDXC) WebCam: VGA Web Camera Networking: Wi-Fi Integrated 802.11b/g/n Bluetooth: Built-in Bluetooth V4.0 Interface: 1 x COMBO audio jack, 1 x VGA port, 1 x Type C USB3.0 (USB3.1 GEN1), 1 x USB 3.0 port(s) Type A, 1 x USB 2.0 port(s), 1 x RJ45 LAN Jack for LAN insert, 1 x HDMI, 1 x Fingerprint (Optional) 1 x SD card reader, 1X AC adapter plug Audio: Built-in Stereo 3 W Speakers And Analog Microphone Support Windows 10 Cortana SonicMaster Technology Battery: 2 Cells mAh 38 Whrs Polymer Battery Power Adapter: Plug Type :ø4 (mm) Output : 19 V DC, 2.47 A, 65 W Dimensions: NB: 348 x 242.8 x 23 ~23.6 mm (WxDxH) Weight: NB: 1.8kg		
22	1 unit	End-user: **VPAF** Specifications: Processor: Intel Core i3-7100 3.90 GHz Processor (3M Cache, 3.90 GHz), OS: Win10 Home, Memory: 4GB SDRAM DDR4 2133MHz SDRAM, Display: 14.0'' (16:9) LED backlit HD (1366 x 768) 60Hz Glare Panel, Graphic: NVIDIA GeForce 940MX, with 2GB GDDR5 VRAM, Storage: 5400RPM 1TB SATA HDD, Optical Drive: Super-Multi DVD, Keyboard: Chiclet keyboard, Card Reader: Multi-format card reader (SDXC/SDHC/SD), Webcam: VGA Web Camera, Networking: Wi-Fi, Integrated 802.11b/g/n, Integrated 802.11 AC, Bluetooth: Built-in Bluetooth V4.0, Interface: 1 x RJ45 LAN Jack for LAN insert, 1 x USB 3.0 port(s) Type A, 1 x COMBO audio jack, 1 x VGA port, 1 x Fingerprint (Optional), 1 x Type C USB3.0 (USB3.1 GEN1), 1 x HDMI, 1 x USB2.0 port(s), 1 x AC adapter plug, 1 x SD card reader, Audio: Sonic Master Technology, Support windows 10 cortana, built-in stereo 3 W speakers and analog microphone, Battery: 2 cells polymer mAh 38 Whrs Battery, Power Adapter: plug type: ø4 (mm), output: 19v DC, 2.47 A, 65W, Dimensions: NB: 348 x 242 x 23 ~23.6mm (WxDxH), Weight: 1.8kg		
		➢ **Projector**		

23	1 unit	End-user: **Extension** Specifications: * Ultra Short throw Interactive Projector * WXGA Resolution (1280x800) * 3500 Lumens * 14,000:1 Contrast Ratio * Aspect Ratio: 16:10 * Pen Interactive * HDMI / VGA Inputs * 16W Speaker * 3 Year Warranty on Projector, 1 Year on Lamp or 750 Hours	
24	3 units	End-user: **IAS** Specifications: Mobile/Nogaming, XGA, 1024 x 768, 4:3, 3.200 lumen 2.240 lumen (economy) In accordance with IDMS15.4, 3.200 lumen - 2.240 lumen (economy) In accordance with ISO 21118:2012, 15.000 : 1, Cinch audio in, Wireless LAN IEEE 802.11b/g/n (optional), HDMI in, S-Video in, USB 2.0 Type B, VGA in, Composite in, USB 2.0 Type A, 2,4 kg, 2 W, Carrying bag, Computer cable, Main unit, Power cable, Remote control incl. batteries, USB cable, User's Manual Set, Warranty Documents, 24 months Carry in, Lamp: 12 months or 1.000 h	
25	1 unit	End-user: **NSTP-CWTS** Specifications: Display Type: LCD Light Output: 2800 Lumens Warranty: 3 Year(s) Features: HDMI Input Life of Lamp - Full Usage: 10000 Hours Life of Lamp - Eco Usage: 5000 Hours Contrast Ratio: 15000:1 Throw Ratio: 1.48 to 1.77 Aspect Ratio: 12/30/1899 4:09:00 PM Resolution: XGA(1024x768) Audio Output: 1 Watts Projector Lens: Optical Zoom (Manual) or Focus (Manual)	
26	2 units	End-user: **Elect'l Eng'g & Electronics Technology** Specifications: Display Type: LCD Light Output: 2800 Lumens Warranty: 3 Year(s) Features: HDMI Input Life of Lamp - Full Usage: 10000 Hours Life of Lamp - Eco Usage: 5000 Hours Contrast Ratio: 15000:1 Throw Ratio: 1.48 to 1.77 Aspect Ratio: 12/30/1899 4:09:00 PM Resolution: XGA(1024x768) Audio Output: 1 Watts Projector Lens: Optical Zoom (Manual) or Focus (Manual)	

27	2 units	End-user: **Civil Eng'g & Drafting Technology** Specifications: Display Type: LCD Light Output: 2800 Lumens Warranty: 3 Year(s) Features: HDMI Input Life of Lamp - Full Usage: 10000 Hours Life of Lamp - Eco Usage: 5000 Hours Contrast Ratio: 15000:1 Throw Ratio: 1.48 to 1.77 Aspect Ratio: 12/30/1899 4:09:00 PM Resolution: XGA(1024x768) Audio Output: 1 Watts Projector Lens: Optical Zoom (Manual) or Focus (Manual)	
28	5 units	End-user: **MEARACT** Specifications: Display Type: LCD Light Output: 2800 Lumens Warranty: 3 Year(s) Features: HDMI Input Life of Lamp - Full Usage: 10000 Hours Life of Lamp - Eco Usage: 5000 Hours Contrast Ratio: 15000:1 Throw Ratio: 1.48 to 1.77 Aspect Ratio: 12/30/1899 4:09:00 PM Resolution: XGA(1024x768) Audio Output: 1 Watts Projector Lens: Optical Zoom (Manual) or Focus (Manual)	
29	1 unit	End-user: **MEARACT** Specifications: ** Ultra Short throw Interactive Projector* ** WXGA Resolution (1280x800)* ** 3500 Lumens* ** 14,000:1 Contrast Ratio* ** Aspect Ratio: 16:10* ** Pen Interactive* ** HDMI / VGA Inputs* ** 16W Speaker* ** 3 Year Warranty on Projector, 1 Year on Lamp or* *750 Hours*	
30	1 unit	End-user: **Teacher Education** Specifications: *new ultrashort-throw interactive projector, featuring finger- touch and dual pen capability,* *Technology: Projection System 3LCD Technology* *LCD Panel 0.59 inch with MLA (D8)* *Image: Colour Light Output* *3,300 Lumen- 1,900 Lumen (economy)* *White Light Output* *3,300 Lumen - 1,900 Lumen (economy) In accordance with ISO 21118:2012*	

		Resolution: WXGA, 1280 x 800, 16:10 High Definition: HD ready Aspect Ratio: 16:10 Contrast Ratio: 10,000 : 1 Lamp: 245 W, 4,000 h durability, 6,000 h durability (economy mode) Keystone Correction: Manual vertical: ± 3 ˚, Manual horizontal ± 3 ˚ Colour Processing: 10 Bits 2D Vertical Refresh Rate: 50 Hz - 85 Hz	
31	1 unit	End-user: **UQAO** Specifications: /XGA/3LCD/3000ANSI/1.8Kg/wireless RJ45 Network Control/PC Free Presentation via USB 60" screen 1.33m -1.63m away Details: PROJECTION SYSTEM : RGB Liquid Crystal Shutter Projection System PROJECTION METHOD : Front / Rear / Ceiling Mount LCD : Size : 0.70 inch with MLA ; DRIVING METHOD : Poly-Silicon TFT Active Matrix PIXEL NUMBER : (1024 x 768) x 3 NATIVE RESOLUTION : XGA ASPECT RATIO : 4:3 ; PIXEL ARRANGEMENT : Stripe REFRESH RATE : 50Hz-72Hz PROJECTION LENS : Type : Manual zoom / focus ; F-number : 1.58 - 1.68 FOCUS LENGTH : 16.1 19.34mm ; Zoom ratio : 1 - 1.2 OPTICAL SYSTEM : Dichroic Mirror Separation & Prism Combine Method SCREEN SIZE (PROJECTED DISTANCE) : 30 to 300" [0.80 to 8.26m] (Zoom: Tele) 30 to 300 " [0.65 to 6.78m] (Zoom: Wide), 60" screen 1.33m -1.63m BRIGHTNESS : High / Low Brightness Mode 3000 /1900 ANSI lumens CONTRAST : 400:1 , BRIGHTNESS UNIFORMITY : 89% (Typ.) SOUND OUTPUT (Internal speaker) : 1W monaural EFFECTIVE SCANNING FREQUENCY RANGE :- HORIZONTAL : 15KHz to 92KHz , VERTICAL : 50Hz to 85Hz	
		➢ **Printer**	
32	2 units	End-user: **Extension** Specifications: Printing Technology: Print Method: On-demand inkjet (Piezoelectric) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume: 3 pl Automatic Duplex Printing: No Control Panel: 2.2" Mono LCD Print Direction: Bi-directional printing, Uni-directional printing Nozzle Configuration: 180 nozzles Black, 59 per colour (Cyan, Magenta, Yellow)	

		Print Speed: Photo Default - 10 x 15 cm / 4 x 6 "*2 #3: Approx. 69 sec per photo (with Border) *1 Max Photo Draft - 10 x 15 cm / 4 x 6 "*2 #3: Approx. 27 sec per photo (with Border) *1 Draft, A4 (Black / Colour): Approx. 33 ppm / 15 ppm *1 ISO 24734, A4 Simplex (Black / Colour): Approx. 9.2 ipm / 4.5 ipm *1 Copy Function: Max Copies: 99 copies Reduction / Enlargement: 25 - 400%, Auto Fit Function Maximum Copy Size: A4	
33	1 unit	End-user: **Elect'l Eng'g & Electronics Tech-OJT Coord.** Specifications: *Features: Flatbed Colour Image Scanner,* *Portable Printer, USB Slot* *Printing Type: Colour* *Printing Technology: Inkjet* *Scanner Type: Flatbed* *Print Resolution: 5760x1440 DPI* *Print Speed Black: 33 PPM* *Print Speed Colour: 15 PPM* *Paper Size: A4, Letter* *Scanning Method: CIS* *Network: USB 2.0* *Color: Black* *Warranty: 1 Year(s)* *Printer Type: Multifunction*	
34	2 units	End-user: **IAS** Specifications: Features: Flatbed Colour Image Scanner, Portable Printer, USB Slot Printing Type: Colour Printing Technology: Inkjet Scanner Type: Flatbed Print Resolution: 5760x1440 DPI Print Speed Black: 33 PPM Print Speed Colour: 15 PPM Paper Size: A4, Letter Scanning Method: CIS Network: USB 2.0 Color: Black Paper Tray: 100 Sheets Warranty: 1 Year(s) Printer Type: Multifunction	
35	1 unit	End-user: **Food Science Technology** Specifications: Features: Flatbed Colour Image Scanner, Portable Printer, USB Slot Printing Type: Colour Printing Technology: Inkjet Scanner Type: Flatbed Print Resolution: 5760x1440 DPI Print Speed Black: 33 PPM	

		Print Speed Colour: 15 PPM Paper Size: A4, Letter Scanning Method: CIS Network: USB 2.0 Color: Black Paper Tray: 100 Sheets Warranty: 1 Year(s) Printer Type: Multifunction	
36	2 units	End-user: **Food Science Technology** Printing Print Method On-demand ink jet (piezoelectric) Nozzle Configuration 180 nozzles Black, 59 nozzles, each colour (Cyan, Magenta, Yellow) Print Direction Bi-directional printing, Uni-directional printing Maximum Resolution 720 x 720 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Volume 3pl Print Speed ISO Default Simplex - ISO 24734 Black 8.5ipm ISO Default Simplex - ISO 24734 Colour 4.5ipm Double-sided Printing Manual Interface USB USB 2.0 Paper Handling Paper Feed Method Friction feed Number of Paper Trays 1 Paper Hold Capacity Input Capacity 50 sheets, A4 Plain paper (75g/m²) Maximum Paper Size 8.5 x 44" Print Margin 3mm top, left, right, bottom Printer Software Operating System Compatibility Windows XP/XP Professional x64 Edition/Vista/7/8/8.1 Mac OS X 10.5.8, 10.6.x, 10.7.x, 10.8.x, 10.9.x	
		➢ **TV**	
37	1 unit	End-user: **Teacher Education** Specifications: *(43" led Smart TV)*	
38	1 unit	End-user: **Elect'l Eng'g & Electronics Technology** Specifications: *50" 3D LED TV Series 8*	
39	2 units	End-user: **MEARACT** Specifications: *(43" led Smart TV)*	
40	2 units	End-user: **Civil Eng'g & ET** Specifications: *50" 4K UHD Smart LED TV* *w/ Built-in Digital ISDB-T Receiver 50UHV300*	
41	5 units	End-user: **IAS** Specifications: *(43" led Smart TV)*	
42	4 units	End-user: **Food Science** Specifications: *(43" led Smart TV)*	

			➤ **Scanner**	
43	1 unit		End-user: **Library** Scanner Type: Over Head system, simples scanning Scanning Modes: Color, Grayscale, Monochrome, Automatic (color, grayscale, monochrome detection) Image Sensor: Lens reduction optics / color CCD x 1 Light Source (White LED + lens illumination) x 2 Optical Resolution Horizontal scanning: 285 to 218 dpi, Vertical scanning: 283 to 152 dpi (1) Scanning Speed: (A3 landscape)(2) Auto Mode(3) "Better mode" or "Best mode": 3 seconds / page Normal Mode: Color/Grayscale: 150 dpi, Monochrome: 300 dpi 3 seconds / page(4) Better Mode Color / Grayscale: 200 dpi, Monochrome: 400 dpi 3 seconds / page(4) Best Mode Color / Grayscale: 300 dpi, Monochrome: 600 dpi 3 seconds / page (4) Excellent Mode Color / Grayscale: 600 dpi, Monochrome: 1,200 dpi 3 seconds / page(4) Document Size: Automatically recognizes document size, A3 (landscape), A4 (landscape), A5 (landscape) A6 (landscape), B4 (landscape), B5 (landscape), B6 (landscape), Post Card, Business Card, Double Letter (landscape), Letter, Legal (landscape) and Customized size (Max: 432 x 300 mm (17.0 x 11.8 in.), Min: 25.4 x 25.4mm (1 x 1 in.)(5) Document Thickness: 30 mm (1.18 in.) or less How to Start Scanning(6) Select one of the below. 1. Normal scan: Press "Scan" button for every page 2. Timed interval Scanning (Timed Mode) 3. Page turning detection Interface(7) USB 2.0 / USB 1.1 (connector B Type) Image Processing functions: Deskew by text on document, Auto paper size detection, Auto image rotation, Auto color detection, Book image correction(8) Multiple document detection(9) Magnification in Vertical Scanning : (length) ± 1.5 % Power Requirement: AC 100 V to 240 V, 50 Hz / 60 Hz Power Consumption: During operation: 20 W or less	

		During sleep mode: 2.6 W or less During standby: 0.4 W or less Operation Environment Temperature: 5 °C to 35 °C (41 °F to 95 °F) Relative humidity: 20 to 80 % (Non-condensing) Dimensions (W x D x H): 210 mm x 156 mm x 383 mm Device Weight 3 kg (6.61 lb.) Environmental compliance: ENERGY STAR® / RoHS / EPEAT Silver Compliant Driver Specific driver: * Does not support Twain/ISIS® Inbox Contents AC cable, AC adapter, USB cable, Background Pad, Setup DVD-ROM, Nuance® Power PDF Standard / Nuance® PDF Converter for Mac DVD ROM, Extenders (x2)	
		➢ **Camera**	

44	1 unit	End-user: **Clinic**
		
		specs:
		        Body with EF-M 15-45mm f/3.5-6.3 IS STM Lens
		        24.2MP APS-C CMOS Sensor
		        DIGIC 7 Image Processor
		        3.0″ 1.04m-Dot Tilting Touchscreen LCD
		        Full HD 1080p Video Recording at 60 fps
		        Built-In Wi-Fi with NFC, Bluetooth
		        Dual Pixel CMOS AF
		        49 points AF points
		        Up to 6.1 fps Shooting and ISO 25600
		        1/4000sec. to 30secs. shutter
		        Creative Assist and Self Portrait Mode	

		➢ **Accessories**	
45	3 units	End-user: **Science Lab** **PC Stick** *Specifications:* *Windows 10 Home* *Intel Atom x5-Z8350 Processor* *Intel HD Graphics* *2GB LPDDR3 at 1600MHz* *32GB eMMC* *100GB Webstorage for 1 Year free usage* *WiFi 802.11 a/b/g/n/ac* *Bluetooth 4.1* *Micro USB (For Power Only)* *USB 3.0, USB 2.0* *Audio Jack(s) (Mic/Headphone Combo)* *HDMI Out* *18 W Power adapter* *135 x 36 x 16.5 mm, 0.17 lb*	
46	1 unit	End-user: VPAF/VPAA **Hard Disk Drive 2TB**	
47	2 units	End-user: Science Laboratory **Hard Disk Drive 1TB**	

| 48 | 1 unit | End-user: Science Laboratory
Network Attached Storage (5TB) | |

I.   Terms of Technical Support

| 1 | The Supplier shall provide 24/7 telephone, e-mail, chat, and remote technical support services covering all Goods with a two-day response time from SLSUs posting of support request. | |
| 2 | The Supplier shall provide next-business-day onsite support for technical issues not resolved through the actions described in the preceding paragraph. Hardware defects/errors in any component of the Goods shall automatically require onsite support. | |

II.   Warranty

| 1 | The Supplier shall replace Goods found to have satisfactory defects immediately. | |
| 2 | The Goods must have a minimum one-year warranty inclusive of cost of replacement/repair of parts and labor. | |

III.   Delivery and Retrieval

1	The Supplier shall deliver the goods within **sixty (60) calendar days** from the receipt of the Notice to Proceed.	
2	The Supplier must repair Goods that are under warranty within five (5) working days.	
	In case replacement or repair will take longer than five (5) working days, the Supplier shall provide a temporary replacement unit of equal capability and features as the item to be replaces/repaired.	

IV.   Terms of Payment

| 1 | All payments shall be inclusive of Value-Added Tax (VAT) and other lawful charges. | |

V.   Miscellaneous

| 1 | The Supplier shall agree with the definitions and terms found in the General Conditions of Contract (GCC) and Special Conditions of Contract (SCC) contained in the Philippine Bidding Documents for Procurement of Goods issued by the Government Procurement Policy Board (GPPB). | |

Conformé:

_____
[Signature/s]
[Name of Bidder's Authorized Representative/s]

_____
[Position]

_____
[Date]