

**IB 2024-16: Procurement of Information Technology (IT)
Equipment for Benguet State University (BSU)**



SECTION 7- TECHNICAL SPECIFICATIONS

1	2		3	4
Item No.			SPECIFICATIONS	Statement of Compliance
			<div style="border: 1px solid black; padding: 10px; text-align: center;"> REFER TO LIST </div>	<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p> <p>NOTE: Once the bidder indicates COMPLY, it is understood all the items required per item are/ is complied with</p>
A.	21	units	SUPPLY AND DELIVERY OF 12 UNITS DESKTOP COMPUTERS	
	3	unit	<p>with the MINIMUM specifications:</p> <ol style="list-style-type: none"> 1. System unit: Processor: 4cores 12Mb cache, must be in the latest or 1 generation / series lower than the latest product; 2. Motherboard: must be compatible to the aforementioned processor with SLV; 3. RAM: 16Gb (8Gb x 2pcs); 4. Storage: 512Gb SSD / M2; 5. power supply: 500W true rated with 80+ bronze rated or higher 6. Monitor: 24" FHD 7. WI-FI card 8. must provide USB recovery disk 9. Accessories: a. ATX casing with transparent side panel and cable management; b. USB optical mouse and keyboard; c. 500w AVR; d. USB powered speaker; e. must provide USB recovery disk 8.licenses not counterfeit: installed with at least Microsoft windows operating system (perpetual) to be compatible to BSU application software with authentic disk; Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk; NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years 	
	5	unit	<p>with the MINIMUM specifications:</p> <ol style="list-style-type: none"> 1. System unit: Processor: 6cores 12Mb cache, must be in the latest or 1 generation / series lower than the latest product; 2. Motherboard: must be compatible to the aforementioned processor, 4 RAM slots with SLV; 	

			<p>3. RAM: 16Gb (8Gbx2pcs);</p> <p>4. Storage: 512Gb M2/SSD + 2Tb HDD;</p> <p>5. power supply: 500W true rated</p> <p>6. Monitor: 24" FHD</p> <p>7. WI-FI card</p> <p>8. Accessories:</p> <p>a. ATX casing with transparent side panel and cable management;</p> <p>b. USB optical mouse and keyboard;</p> <p>c. 500w AVR;</p> <p>d. USB powered speaker;</p> <p>e. must provide USB recovery disk</p> <p>9.licenses not counterfeit: installed with at least Microsoft windows operating system to be compatible to BSU application software with authentic disk; Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk;</p> <p>NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;</p>	
	7	unit	<p>with the MINIMUM specifications:</p> <p>1. System unit: Processor: 8cores16 threads, must be in the latest or 1 generation / series lower than the latest product;</p> <p>2. Motherboard: 2 RAM slots with SLV;</p> <p>3. RAM: 16Gb;</p> <p>4. Storage: 1Tb SSD/M2 + 2Tb HDD;</p> <p>5. Monitor size: 24" FHD</p> <p>6. WI-FI ready, webcam ready</p> <p>7. Accessories: a. (OEM) wireless optical mouse and keyboard; b. 500w AVR; c. USB powered speaker; d. must provide USB recovery disk</p> <p>8. licenses not counterfeit: installed with at least Microsoft windows operating system (perpetual) to be compatible to BSU application software with authentic disk; Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk; NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;</p>	
	1	unit	<p>with the MINIMUM specifications:</p> <p>1. System unit: Processor: 8cores 16Mb cache, must be in the latest or 1 generation / series lower than the latest product;</p> <p>2. Motherboard: must be compatible to the aforementioned processor, 4 RAM slots, SSD m2 slot, RAID support with SLV;</p> <p>3. RAM: 32Gb (16Gbx2);</p> <p>4. Storage:1Tb SSD / M2;</p> <p>5. Video card: 2Gb</p> <p>5. power supply: 650W true rated</p>	

			6. 2pcs Monitor: 27" FHD 7. WI-FI card 8. Accessories: a. ATX casing with transparent side panel and cable management; b. USB optical mouse and keyboard; c. 1500w AVR; d. USB powered speaker; e. must provide USB recovery disk 9.licenses not counterfeit: installed with at least Microsoft windows operating system to be compatible to BSU application software (perpetual) with authentic disk; Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk; NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;	
	4	unit	with the MINIMUM specifications: 1. System unit: Processor: 4cores 8Mb cache, must be in the latest or 1 generation / series lower than the latest product; 2. Motherboard: 2 RAM slot with SLV; 3. RAM: 8Gb; 4. Storage: 256 SSD/M2 + 1Tb HDD; 5. Monitor size: 24" FDH 6. WI-FI ready 7. Accessories: a. Wireless optical mouse and keyboard; b. 500w AVR;c. USB powered speaker; d. Must provide USB recovery disk 8.licenses not counterfeit: installed with at least Microsoft windows operating system to be compatible to BSU application software with authentic disk; Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk; NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;	
	1	unit	with the MINIMUM specifications: 1. System unit: Processor: 4cores 12Mb cache, must be in the latest or 1 generation / series lower than the latest product; 2. Motherboard: must be compatible to the aforementioned processor with SLV; 3. RAM: 8Gb; 4. Storage: 240Gb SSD + 1Tb HDD; 5. Video card: 2Gb 6. power supply: 500W true rated	

			<p>7. Monitor: Frameless 24" FHD, 144Hz</p> <p>8. Accessories:</p> <ul style="list-style-type: none"> a. ATX casing with transparent side panel and cable management; b. USB optical mouse and keyboard; c. 500w AVR; d. USB powered speaker; e. WI-FI card <p>9.licenses not counterfeit: Operating system: installed with at least Windows 10 to be compatible to the BSU Enrollment software with authentic disk; Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk;</p> <p>NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;</p>	
B.	6	units	SUPPLY AND DELIVERY OF 6 UNITS LAPTOP	
	2	unit	<p>With minimum specifications:</p> <ul style="list-style-type: none"> 1. Processor: 8 cores 16 threads must be in the latest or 1 generation/series lower than the latest product: 2. RAM: 32GB; 3. Storage: 1TB SSD/M2 ;4. Monitor size: 15.6" FHD IPS 5. Webcam: 720p HD camera; 6. With card reader slot, Battery: 3 cells, 41wH Li-on 7. Accessories: Bag, Charger, universal socket adaptor LAN if not Built-in with-in the unit; 8. Licenses not counterfeit a. Operating system: installed with at least Microsoft windows operating system (perpetual) to be compatible to BSU application software authentic disk is a must if not bundled within the unit; b. Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk;c. must provide USB recovery disk NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years; 	
	3	Unit	<p>With the MINIMUM specifications:</p> <ul style="list-style-type: none"> 1. Processor: 6cores 12Mb cache, must be in the latest or 1 generation / series lower than the latest product; 2. RAM: 16Gb; 3. Storage: 512 SSD / m2; 4. Monitor size: 14" FHD 5. Accessories: Bag, Charger, wireless mouse, universal socket adapter, LAN / video, must provide adaptor LAN if not built in within the unit; 6.licenses not counterfeit: a. Operating system: installed with at least Microsoft windows operating system (perpetual) to be compatible to BSU application software authentic disk is a must if not bundled within the unit; b. Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk; c. must provide USB recovery disk NOTE: all items are brand new and indicated make/brand of must have 	

			existed in the market with good records in the past 7 years;	
	1	Unit	<p>with the MINIMUM specifications:</p> <ol style="list-style-type: none"> 1. Processor: 2cores 4Mb cache, must be in the latest or 1 generation / series lower than the latest product; 2. RAM: 8Gb; 3. Storage: 256SSD; 4. Monitor size: 14" FHD 5. Accessories: Bag, Charger, wireless mouse, universal socket adapter, LAN / video, must provide adaptor LAN if not built in within the unit; 6.licenses not counterfeit: <p>a. Operating system: installed with at least Microsoft windows operating system to be compatible to BSU application software authentic disk is a must if not bundled within the unit;</p> <p>b. Office Suite (perpetual): has at least: word processor, spreadsheet, presentation with authentic disk;</p> <p>c. must provide USB recovery disk</p> <p>NOTE: all items are brand new and indicated make/brand of must have existed in the market with good records in the past 7 years;</p>	
C.	8	units	SUPPLY AND DELIVERY OF 8 UNITS PRINTERS	
	2	unit	<p>Condition: Brand New; Type: Color, All-in-one with ADF and automatic printing (duplex); Print Technology: CIS Connectivity: At least with Wi-Fi and USB; print up to A3 and copy / scan up to A3; included: one full (1) set of ink bottles 1-year warranty or 30,000 pages, whichever comes first</p>	
	1	unit	All-in-one Tank Printer, Print – Copy – Scan – Fax, Print Speed Mono; 33ppm, Print Speed Color: 15ppm, Resolution Color: 5760x1440 dpi; Automatic Document Feeder, USB 2.0, Ethernet, Wi-Fi, Wi-Fi Direct; with ADF (copy/scan up to legal size) (unit + default inks + extra 1 set of ink bottles)	
	1	unit	<p>Condition: Brand New</p> <p>Print Technology: CIS</p> <p>fast print speeds up to 10ipm (or equivalent) for black and 5.0ipm (or equivalent) for colour</p> <p>included: One full set of ink bottles</p> <p>1 year warranty</p>	
	4	unit	<p>All-in-One Ink Tank Printer</p> <p>Print - Copy - Scan - Fax</p> <p>Print Speed Mono: 33 ppm</p> <p>Print Speed Color : 15 ppm</p> <p>Resolution Color : 5760 x 1440 dpi</p> <p>Automatic Document Feeder</p> <p>USB 3.0, Ethernet, Wi-Fi, Wi-Fi Direct</p>	
D.	3	unit	SUPPLY AND DELIVERY OF 3 UNITS DSLR CAMERA	
	1	unit	"Mirrorless Camera with 15-45mm Lens Kit with the MINIMUM specifications: 20.9Mp; UHD 4K30p	

			and full HD 120p video; free-angle touchscreen LCD; ISO 100-51200, up to 11 fps shooting; built-in stereo mic, ext. mic compatible; with 128Gb SD card, Camera Bag with compartments, tripod, mini-HDMI to HDMI cable"	
	2	unit	With the MINIMUM specifications: (sensor type:1/2.5 type (0.28 in [7.20 mm]) back-illuminated, effective video: approx. 8.29 Megapixels (16:9)15, optical zoom:20x, clear image zoom:4K: 30x, HD: 40x16; screen type:7.5 cm (3.0 type) Clear Photo LCD display (460,800 dots) Wide (16:9), bag, battery, battery charger professional tripod (5.6ft Professional Video Camcorder Tripod with Fluid Dray Head Quick Release Plate 15kg Payload with Carry Bag	
E.	6	units	SUPPLY AND DELIVERY OF 6 UNITS TELEVISION	
	6	unit	With the minimum specifications Slim middle stand, CPU: 1.6Ghz; GPU: 550mhz; Memory:3GB DDR + 32Gb flash; WI-FI (2.4+5G); Bluetooth Capability; ports: HDMI, USB, accessories: remote, controllers with batteries,3 TV Brackets: Wall Mount Bracket: fits sizes: 32" to 70", aluminum alloy, tilt angle up and down: -15 to +15 degrees, user manual, remote controller with batteries, power cable, with warranty.	
F.	1	LOT	SUPPLY AND DELIVERY OF 1 LOT CCTV	
	1	LOT	1 LOT Supplies and materials, delivery and installation of CCTV at the College of Agriculture Building WITH TRAINING 1 set -32-Channel Network Video Recorder- 32-channel IP video access- Smart H.265+/H.265/Smart H.264-Max 200Mbps Incoming Bandwidth- up to 8MP Resolution for Preview and Playback- 8-Channel decoding @1080 (30fps)- AI by Camera: Perimeter protection; SMD Plus; people counting; heat map 1 set- Western Digital Purple 8TB Surveillance Hard Drive 6 set DP-IPC-HFW2439MN-AS-LED-4 Megapixel Full Color Bullet IP Camera- Outputs 4MP (2560 x 1440) @25/30 fps, Max. supports 4MP (2688 x 1520) @20fpsH.265 codec, high compression rate, ultra-low bit rate- Built-in warm lights, max. illumination distance: 30m- Built-in Mic- Supports max. 256 GB Micro SD card- 12V DC/PoE power supply- IP67 protection 20 pcs- DH-IPC-HDW2439TN-AS-LED 4-Megapixel Full-Color Dome IP Camera*** Specification same as Outdoor Camera 1 pc- TP-Link TL-SL1218P 16-Port PoE Switch 2 pc- TP-Link TL-SL1009P 8-Port PoE Switch	

			1 pc Cat-6Pure-Copper Indoor LAN Cable 1 pc 50-60" LED TV/Monitor 1 lot Cable management materials inclusive of (as applicable) PVC Moldings, PVC/EMT Pipes, junction boxes, cable tray, 9U Network Cabinet, and installation services and basic trainings.	
G.	1	lot	SUPPLY AND DELIVERY OF 1 lot Information Technology Supplies	
	1	unit	PROJECTOR DLP LED 3200 ANSI LUMENS, SVGA (800x600 pixels), 13000:1, 10000 HOURS WITH PREM CARRYING CASE; with projector screen	
	2	unit	with the MINIMUM specifications: Frameless 24"IPS size monitor, with VGA/HDMI ports, 144hz, 1080p, full HD, adjustable (vertically), item indicated make/brand of must have existed in market with good records in the past 7 years;	

Name of Bidder over Printed Name

Date