Republic of the Philippines
KALINGA STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE
National Highway, Purok 6, Bulanao, Tabuk City, Kalinga

Website: https://ksu.edu.ph   *Email:* procurementservice_bac@ksu.edu.ph   *Tel. No.:* (074) 627-5321

Annex B: **Bill of Quantities**

1	2	3	4	5	6	7	8	9	10
No./ Item and Description	Country of origin	Qty	Unit	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit *(col 5+6+7+8)*	Total Price delivered Final Destination *(col 9) x (col 3)*
Negotiated Procurement for Various ICT Equipment, Peripherals and Accessories									
1. **Computer graphic desktop with license operating system 64bit** (must register under KSU), perpetual license MS office suites (must register under KSU), 1 year license anti-virus (must register under KSU), hardware specifications: 27" Display, 3.7GHz 6-Core Processor with Turbo Boost up to 4.6GHz, 2TB Storage, Retina 5K Display, 3.7GHz 6-core 9th-generation Intel Core i5 processor, Turbo Boost up to 4.6GHz, 8GB 2666MHz DDR4 memory, configurable up to 64GB, 2TB Fusion Drive1, Radeon Pro 580X with 8GB of GDDR5 memory Two Thunderbolt 3 ports, Retina 5K 5120-by-2880 P3 display, All external components (e.g. casing/system unit, display, keyboard, mouse) are of the same brand. Computer Voltage Regulator: 220 VAC, 1 year warranty		**3**	unit						
2. **COMPUTER DESKTOP** with license Win10 Pro 64bit operating system (must register under KSU), perpetual license MS office suite (must register under KSU) and 1 year license antivirus (must register under KSU), specifications: Processor: i7, 3.4GHz (8M Cache, up to 4.00GHz), Memory: 8GB Upgradable to 16GB of dual-channel, Storage / Hard Disk: 1TB SATA HDD, Display Screen: 21.5" Full HD LED 1920x1080,Graphics/Video Processor: 2GB video card, 1920 x 1080,Pointing Device: USB Optical Mouse; Input Device: Standard full-sized USB keyboard with numeric keypad, All external components (e.g. casing/system unit, display, keyboard, mouse) are of the same brand. Additional: Computer Voltage Regulator: 220 VAC, with 100mm cable zip wrap, 1 unit vacuum cleaner (specs:12' cord length, 2.5" diameter hose size, blower feature, 12 gallon size, 5.5 peak high pressure)		**21**	set						
3. **PRINTER,** model:L1300, print method: on demand ink jet, nozzle configuration:360 nozzles Black, 59 nozzles each colour (Cyan, Magenta, Yellow), print direction: Bi-directional printing, Uni-directional printing, maximum resolution:5760 x 1440 dpi (with Variable-Sized Droplet Technology), maximum ink droplet volume:3pl, input capacity:100 sheets, A4 Plain paper (75g/m²), 20 sheets, Premium Glossy Photo Paper, output capacity:50 sheets, A4 Plain paper, 30 sheets, Premium Glossy Photo Paper , paper size: A3+, A3, B4, A4, A5, A6, B5, 10x15cm (4x6), 13x18cm (5x7"), 16:9 wide size, Letter (8.5x11"), Legal (8.5x14"), Half Letter (5.5x8.5"), 9x13cm (3.5x5"), 13x20cm(5x8"), 20x25cm(8x10"), Envelopes: #10(4.125x9.5") DL(110x220mm), C4 (229x324mm, C6(114x162mm), weight: 12.2 kg, dimension: 27.8"x12.7"x8.5", w/ genuine ink (black, cyan, magenta, yellow)		**2**	unit						

4. **DJI Phantom 4 Series Intelligent flight BATTERY**, capacity:5870 mAh, voltage:15.2 V, battery type: LiPo 4S, energy:89.2 Wh, net weight:468 g, charging temp range: 41° to 104°F (5° to 40°C), maximum charging power: 100 W		**2**	piece				
5. **DSLR Camera,** Professional, megapixel & sensor:24.2MP APS-C CMOS Sensor, mount: Canon EF; Canon EF-S, LCD screen: 3" Rear Touchscreen Swivel LCD (1,040,000), video recording: 1920 x 1080p at 23.98, 29.97 fps (90 Mbps MOV); 1920 x 1080p at 59.94 fps (60 Mbps MOV); 1920 x 1080p at 23.98, 29.97 fps (30 Mbps MP4); 1920 x 1080p at 29.97 fps (12 Mbps MP4); 1280 x 720p at 59.94 fps (26 Mbps MP4); 1280 x 720p at 29.97 fps (4 Mbps MP4), flash: Built-In, external flash: Hot Shoe, focus: Auto; Manual; Continuous Auto, ISO: Auto, 100-16000 (Extended Mode: 100-25600), continuous shooting: Up to 7 fps at 24.2 MP for up to 25 frames in raw format; Up to 7 fps at 24.2 MP for up to 110 frames in JPEG format; Up to 3 fps at 24.2 MP, shutter speed:30 - 1/8000 Second , Bulb Mode, touch screen: Yes, wireless function: Built-In Wi-Fi with NFC, view finder:22.00 mm Pentaprism, card slot: SD; SDHC; SDXC, dimension:5.5 x 4.1 x 3.1" / 139.0 x 105.2 x 78.5 mm, power battery:LP-E6N Rechargeable Lithium-Ion Battery Pack, 7.2 VDC, 1865 mAh, color: black, **lens:** filter size: Front: 67 mm, focal length:18 - 135mm Comparable 35mm Focal Length: 28.8 - 216 mm, focus:1.28'; (39 cm), aperture: Maximum: f/3.5 - 5.6, angle view:74° 20' - 11° 30', **accessories:** 2 x 32GB memory card, 1 extra battery pack, 1 travelling bag, and 1 tripod, 1 hot shoe flash, lens filter, cleaning kit, remote and trigger		**1**	set				
6. **Computer Server blade with perpetual license**, Win2012 R2 server operating system and license anti-virus, processor: Intel® Xeon® E3-1220 v6 3.0GHz 4C/4T, Turbo, 72W, TPM, cache memory:8M Cache, memory:8GB DDR4 UDIMM, 2400 MT/s Single Rank, network controller: On-Board LOM 1GBE Dual Port (BCM5720 GbE LOM), storage controller: PERC H330 Integrated RAID Controller, hard drive: 2 x 1TB 7.2K RPM SATA 6Gbps 3.5in Hot-Plug Hard Drive, optical drive: DVD+/-RW, SATA, Internal, power supply: Single, Cabled Power Supply, 250W, management:iDRAC8, Express, form factor:1U Rack Server, 1U/2U Static Rails for 2-Post and 4-Post Racks, mouse: Kit - Dell Optical Mouse - MS116 - Black - S&P, keyboard: Kit - Dell Multimedia Keyboard (English) - KB216 - Black - S&P, warranty: 3 years		**1**	set				
7. **Cat5e cables,** CAT5e+ (350MHz), 4-Bonded-pairs, U/UTP-unshielded, Plenum-CMP, Premise Horizontal cable, 24 AWG solid bare copper conductors, FEP insulation, ripcord, Flamarrest® PVC jacket		**2**	roll				
8. **RJ 45 with metal jacket,** with ready ground clip		**25**	piece				
9. **Video Conferencing Kit:** model:300-720p, modem: (type: wired, max transfer rate:6mbps, digital signaling protocol:H.225, H.239, H.281, H.323, H.460, SIP, data compression protocol:G.711, G.722, G.722.1, G.728, G.729.A, features: auto gain control, echo cancellation), video input(type: Digital video camera (color) - external, digital video capture resolution:1920 x 1080),video output (type: Codec board- external, max external resolution:1920x1200, supported		**1**	lot				

display raphics:1280x720, 1680x1050, 1920x1200, HDTV (1920x1080), SXGA (1280x1024), SXGA+ (1400x1050), VGA (640x480), XGA (1024x768), digital video standard: High-Definition Multimedia Interface (HDMI)), input device (type: remote control, connectivity tech: wireless), networking(type: network adapter, connectivity tech: wired, data link protocol: Ethernet, Fast Ethernet, Gigabit Ethernet, features: auto-uplink (auto MDI/MDI-X), environmental parameters (Min Operating Temperature:32 °F, Max Operating Temperature:104 °F, Humidity Range Operating:15-80%), warranty: 1 year								
10. **Audio recording kit:** DR-60DmkII 4-Channel Portable Recorder for DSLR, Professional lavalier condenser microphone,16GB SDHC memory card, Samson stereo headphones, Cleaning accessories, 4 AA rechargeable batteries with charger, Auxiliary wire, Microfiber Cleaning cloth, blower brush	1	lot						
11. **Penetration Testing Device**, Quad-core ARM Cortex A7, 32 K L1/512 K L2 Cache, 512 MB DDR3 Memory, 8 GB SLC NAND Disk, Case Dimensions: 56 x 27 x 14.7 mm sans USB plug. With USB plug it's 70 mm long, with installation, configuration and training	1	unit						
12. **Lumeta IPSonar 6.2,** provides a clear understanding of entire routed infrastructure and confirmation that all assets are under security management, with installation, configuration and training	1	lot						
13. **Intrusion detection with license software and bandwidth manager,** CPU:TLR4-03680, CPU core count:36, CPU nominal frequency:1.2 GHz, dimensions:355x145x44mm, license level:6, operating system: routerOS, RAM:16gb, storage size:1gb, storage type: NAND, max power consumption:74w, 10/100/1000 Ethernet ports:8, SFP+ ports:2, memory card type: microSD 32gb, memory cards:1, serial port: RS232, peripherals, configuration and training on IDS and bandwidth management	1	lot						
14. **Generator set,** type: brush (AVR) single phase, frequency:60, rated output:8800, output receptacle:50amp range and 14-150r, fuel: diesel, runtime@75% load:7hours, gross weight:195kg, voltage:120/240, surge output:1100, rated current:36.6, DC 12v output: Yes, fuel tank capacity:25L, dimension(LxWxH)(mm):870x630x700, warranty: 3 years, with installation	2	unit						
15. **Lineman safety harness,** Belt: 45mm X 1.33m, Nylon Belt Webbing: 45mmx 1.69m, Nylon Webbing,1 x buckle 3 x "D" ring, 1 x adjusting loop ,2 x CE Mark Double-lock snap hook (H-2102,Φ18mm),1 x rope hook bag,2 x bundle of belt,1X cove, and full body harness: Belt: 45mm X1.33m Nylon Belt, Webbing: 45mmx 1.69m Nylon Webbing, complies to CE and ANSI approved standards, Meets EN 361/EN 358/EN 362/EN 12275/EN 354/EN 355 Standards, Manufactured by ISO 9001:2008 Certified company	2	set						
							Total Amount in Figures: Php	

Total Amount in words:			
Performance Security:	**Required after issuance of NOA**	Warranty:	1-3 years
Delivery Period:	**45 CD**	Price Validity:	**30 cd**
Notation:	The Bill of Quantities (BOQ) contains the following parts: a. BOQ for each Part of the Contract. b. Summary of Bid Prices for all Parts of the Contract.		

After having carefully read and accepted your General Conditions on the **Negotiated Procurement for Various ICT Equipment, Peripherals and Accessories**, I/We hereby offer the price quotations on the items/s above:

_____

Printed Name/ Signature

_____

Company Name

_____

Company Address

_____

E-mail Address

_____

Contact No.

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TIN