AMENDMENT - 2

ANNEX 1 - TECHNICAL SPECIFICATIONS

RFQ/UNDP/KALFOR/89989/014/2020 – ICT Equipment KALFOR

LOT 1	Item	Equivalent to	Specification	Qty	UoM	Latest Delivery time	Delivery Place
1	Laptop	ASUS ZenBook 13 UX333FA	Operating System : Windows 10 Home (Upgrade to Windows 10 Professional X64 bit FPP) Kaspersky Internet Security 2019 /User /Year Adobe Acrobat DC Business 2020 (1 Year) Processor : Intel Core i5-8265U processor (1.6GHz quad-core with Turbo Boost (up to 3.9GHz) and 6MB cache) Graphics : Integrated Intel UHD Graphics 620 Display : 13.3” LED-backlit FHD (1920 x 1080) 16:9 standard display, Four-way frameless NanoEdge design with 95% screen-to-body ratio, 2.8mm-thin side bezel and 3.3mm bottom bezel1, Wide 100% sRGB color gamut, 178° wide-view technology Memory : 8GB 2133MHz LPDDR3 onboard Storage : 256GB PCIe 3.0 x2 SSD Interfaces : 1 x USB 3.1 Gen 2 Type-C (up to 10Gbps) 1 x USB 3.1 Type-A (up to 10Gbps) 1 x USB 2.0 Type-A 1 x HDMI	2	Unit	Max. 2 weeks after issuance of Purchase Order	Ministry of Environment and Forestry, Gedung Manggala Wanabakti Building, Blok 7, 6th Floor. Jl. Jend. Gatot Subroto – Jakarta Pusat
2	Laptop	Asus A412FL	Prosesor Intel® Core™ i7 – 8565U processor (8MB Cache, up to 4.0 GHz); Windows 10 Pro 64bit 14.0" FHD (1920 x 1080); Memory 16GB DDR4 Memory 2400 DDR4 SoDIMM; Hard Drive 512 GB SSD; NVidia MX230 Graphics with 2GB GDDR5 vRAM Camera Integrated 720p HD camera with microphones; Power 3-cell prismatic battery (42WHr); Dimensi (H x W x D); 19.9 mm x 322 mm x 212 mm; Warranty 2 Year, Wireless Mouse Logitech M331, Kaspersky Internet Security 2019 /user/year, Adobe Pro DC Business 2020 (1 Year)	4	Unit		
3	Laptop	Asus G531GW	Procesor Intel Core i7 9750H,Memory 16GB DDR4 2666MHz SDRAM, Drive 512GB SSD, 1TB SSHD, Graphic card NVIDIA® GeForce GTX™ RTX2070 with 8GB GDDR6 VRAM, Intel® 802.11ac (2x2) Gigabit Wi-Fi support Rangeboost technology, Bluetooth 5.0, Operating Systm Windows 10 Professional, Backlit chiclet keyboard, N-key rollover, 15.6-inch Full HD (1920x1080) IPS-level panel 120Hz, Wireless Mouse Logitech M331, Kaspersky Internet Security 2019 /user/year, Adobe Pro DC Business 2020 (1 Year)	1	Unit		

4	Laptop	Macbook Pro 13 Touchbar 2019 SSD 256GB Space grey	1.4GHz quad-core 8th-generation Intel Core i5 processor; Turbo Boost up to 3.9GHz; Intel Iris Plus Graphics 645; 8GB 2133MHz LPDDR3 memory; 256GB SSD storage 1, Wireless Mouse Logitech M331, Kaspersky Internet Security 2019/user/year, Microsoft Office Home and Business 2019, Adobe Pro DC Business 2020 for Mac	1	Unit		
5	Printer	Printer Epson WF100 Mobile Portable	Print speed up to 14 ppm; Epson Connect; 1.44 Colour LCD Panel; Wi-Fi and Wi-Fi Direct connectivity; Built-in battery	2	Unit		
6	Harddisk External	Seagate Backup Plus Slim 4TB	Size: 2.5"; Capacity: 4TB; 5400RPM speed; USB 3.0; Operating System Compatibility: Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP SP3 (32-bit and 64-bit)	3	Unit		
LOT 2	**Item**	**Equivalent to**	**Specification**	**Qty**	**UoM**	**Latest Delivery time**	**Delivery Place**
1	TV	LG 60 Inch Smart Digital LED 4K UHD TV 60UM7100PTA	Panel 4K; AI Smart. The New Smart Evolved by AI.; 4K Resolution A New Standard for High Definition; Quad Core Processor The Origin of 4K Images; True Color Accuracy; 4K Active HDR for Incredible Detail; HDR10; HLG; HDR Dynamic Tone Mapping; Advanced Color Enhancer; DTS Virtual:X Adding Another Dimension to Sound; DVB-T2 Digital TV; Ultra HD Resolution 3840 x 2160p	1	Unit	Max. 2 weeks after issuance of Purchase Order	Ministry of Environment and Forestry, Gedung Manggala Wanabakti Building, Blok 7, 6th Floor. Jl. Jend. Gatot Subroto – Jakarta Pusat
2	Projector	BenQ Projector MS506P	Technology DLP; Resolution SVGA; ANSI 3200; Contras Ratio 13.000:1; Lamp Hours 6500	3	Unit		
3	Cable connector	Converter Cable VGA to HDMI	HDMI type A.	2	Unit		
4	Cable connector	Converter Cable VGA to Mac	HDMI to USB-C	1	Unit		
4	Voice recorder	Sony Voice Recorder ICD-UX560	Sony Voice Recorder ICD-UX560	7	Unit		
5	Pointer	Logitech R400 Presenter Laser Pointer	Logitech R400 Presenter Laser Pointer	4	Unit		
6	Camera & Accessories	Sony Alpha A6400 Body Only	24.2MP APS-C Exmor CMOS Sensor, BIONZ X Image Processor, Real-Time Eye AF & Real-Time Tracking ,XGA Tru-Finder 2.36m-Dot OLED EVF, 3.0" 921.6k-Dot 180° Tilting Touchscreen, Internal UHD 4K Video, S-Log3, and HLG, S&Q Motion in Full HD from 1-120 fps, Built-In Wi-Fi with NFC ,425 Phase- & Contrast-Detect AF Points, Up to 11 fps Shooting and ISO 102,400	1	Unit		
		LENS - SONY E 18-135mm f/3.5-5.6 OSS	MOUNT : Sony E-mount, FORMAT : APS-C, FOCAL-LENGTH (MM) : 18-135, FOCAL LENGTH (35MM) (APS-C) : 27-202.5, LENS GROUPS / ELEMENTS : 12-16, ANGLE OF VIEW (APS-C) : 76°-12°1, MAXIMUM APERTURE (F) : 3.5-5.6, MINIMUM APERTURE (F) : 22-36, APERTURE BLADES : 7, CIRCULAR APERTURE : Yes, MINIMUM FOCUS DISTANCE : 0.45 m (1.48 ft), MAXIMUM MAGNIFICATION RATIO (X) : 0 29 FILTER DIAMETER (MM) : 55, IMAGE STABILIZATION (STEADYSHOT) : Optical SteadyShot™ ZOOM SYSTEM : Manual, TELECONVERTER COMPATIBILITY (X1.4) : -, TELECONVERTER COMPATIBILITY (X2.0) : -, HOOD TYPE : Petal shape, bayonet type	1	Unit		
		SanDisk SDXC Extreme Pro UHS-I 64 GB	64GB Storage Capacity, UHS-I / V30 / U3 / Class 10, Max Read Speed: 170 MB/s, Max Write Speed: 90 MB/s	1	Unit		
		Extra Battery Sony NP-FW50	Compatible Battery: Sony NP-Fw50 Sony A6400 APS-C	1	Unit		
		NITECORE USN1 Dual Slot USB Charger Sony NP-FW50	Compatible Battery: Sony NP-Fw50	1	Unit		
		Ulanzi UURig C-A6400 Metal Protection Camera Cage for Sony A6400	Made of high quality aluminum alloy, the camera cage is sturdy, anti-rust and durable. With a cold shoe mount, no need to fix external cold shoe. Solving the inconvenience of A6400 that fixes an external microphone.	1	Unit		
		JOBY 325 GORILLAPOD	Berat / Weight : 52g Material : ABS plastik, Stainless steel, TPE Dimensi : 3,5 x 3,5 x 17,5 cm Beban max/Max load : 325gram	1	Unit		
		RODE Microphone Video Micro	Compact size and lightweight - only 80mm (3) long and 42gm (1.5oz), All-metal microphone body. No battery required (powered by camera plug-in power - min 3V)	1	Unit		

		Sling Bag For Camera	Simple Local Brand	1	Unit		
		Transcend Card Reader RDF 8 Usb 3.0	Mendukung CFast 2.0 / CFast 1.1 / CFast Kartu Memori 1.0, Kecepatan transfer hingga 500MB per detik * USB 3.0 Interface untuk kecepatan transfer yang lebih tinggi, Supports SD & CF built-in security functions*	1	Unit		
7	Handphone	Samsung Galaxy A51 (Original Waranty by SEIN)	Dimensions 158.5 x 73.6 x 7.9 mm (6.24 x 2.90 x 0.31 in); 172 g (6.07 oz); Build Front glass, aluminum frame, plastic back; Nano-SIM; Super AMOLED capacitive touchscreen, 16M colors; Size 6.7 inches, 102.0 cm2 (~87.4% screen-to-body ratio); Resolution1080 x 2400 pixels, 20:9 ratio (~405 ppi density); Protection Corning Gorilla Glass 3; PLATFORM; Android 10.0; One UI 2 ChipsetExynos 9611 (10nm); Octa-core (4x2.3 GHz Cortex-A73 & 4x1.7 GHz Cortex-A53); GPU Mali-G72 MP3; microSD, up to 256 GB (dedicated slot);Internal 128GB 6GB RAM. Camera 48 MP, f/2.0, 26mm (wide), 1/2.0", 0.8µm, PDAF, 12 MP, f/2.2, 12mm (ultrawide), 5 MP, f/2.4, 25mm (macro), 1/5.0", 1.12µm, 5 MP, f/2.2, (depth)	1	Unit		
8	Software	Microsoft Office 2019 lisence	Microsoft Office Professinal 2019	7	Unit		