# AMENDMENT - 2

## ANNEX 1 - TECHNICAL SPECIFICATIONS

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

<table>
<thead>
<tr>
<th>LOT 1</th>
<th>Item</th>
<th>Equivalent to</th>
<th>Specification</th>
<th>Qty</th>
<th>UoM</th>
<th>Latest Delivery time</th>
<th>Delivery Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Laptop</td>
<td>ASUS ZenBook 13 UX333FA</td>
<td>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 bezel, Wide 100% sRGB color gamut, 178° wide-view technology Memory: 8GB 2133MHz LPDDR3 onboard Storage: 256GB PCIe 3.0 x 2 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</td>
<td>2</td>
<td>Unit</td>
<td>Max. 2 weeks after issuance of Purchase Order</td>
<td>Ministry of Environment and Forestry, Gedung Manggala Wanabakti Building, Blok 7, 6th Floor, Jl. Jend. Gatot Subroto – Jakarta Pusat</td>
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<tr>
<td>2</td>
<td>Laptop</td>
<td>Asus A412FL</td>
<td>Processor: 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)</td>
<td>4</td>
<td>Unit</td>
<td></td>
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<tr>
<td>3</td>
<td>Laptop</td>
<td>Asus G531GW</td>
<td>Processor 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 System 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)</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>Item</td>
<td>Equivalent to</td>
<td>Specification</td>
<td>Qty</td>
<td>UoM</td>
<td>Latest Delivery time</td>
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<tr>
<td>Laptop</td>
<td>Macbook Pro 13 Touchbar 2019 SSD 256GB Space grey</td>
<td>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</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>Printer</td>
<td>Printer Epson WF100 Mobile Portable</td>
<td>Print speed up to 14 ppm; Epson Connect; 1.44 Colour LCD Panel; Wi-Fi and Wi-Fi Direct connectivity; Built-in battery</td>
<td>2</td>
<td>Unit</td>
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<tr>
<td>LOT 2</td>
<td>Item</td>
<td>Equivalent to</td>
<td>Specification</td>
<td>Qty</td>
<td>UoM</td>
<td>Latest Delivery time</td>
<td>Delivery Place</td>
</tr>
<tr>
<td>1 TV</td>
<td>LG 60 Inch Smart Digital LED 4K UHD TV 60UM7100PTA</td>
<td>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</td>
<td>1</td>
<td>Unit</td>
<td>Max. 2 weeks after issuance of Purchase Order</td>
<td>Ministry of Environment and Forestry, Gedung Manggala Wanabakti Building, Blok 7, 6th Floor. Jl. Jend. Gatot Subroto – Jakarta Pusat</td>
<td></td>
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<tr>
<td>2 Projector</td>
<td>BenQ Projector MS506P</td>
<td>Technology DLP; Resolution SVGA; ANSI 3200; Contrast Ratio 13.000:1; Lamp Hours 6500</td>
<td>3</td>
<td>Unit</td>
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<tr>
<td>3 Cable connector</td>
<td>Converter Cable VGA to HDMI</td>
<td>HDMI type A.</td>
<td>2</td>
<td>Unit</td>
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<tr>
<td>4 Cable connector</td>
<td>Converter Cable VGA to Mac</td>
<td>HDMI to USB-C</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>4 Voice recorder</td>
<td>Sony Voice Recorder ICD-UX560</td>
<td></td>
<td>7</td>
<td>Unit</td>
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<tr>
<td>5 Pointer</td>
<td>Logitech R400 Presenter Laser Point</td>
<td>Logitech R400 Presenter Laser</td>
<td>4</td>
<td>Unit</td>
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<tr>
<td>6 Camera &amp; Accessories</td>
<td>Sony Alpha A6400 Body Only</td>
<td>24.2MP APS-C Exmor CMOS Sensor, BIONZ X Image Processor, Real-Time Eye AF &amp; Real-Time Tracking ,XGA Tru-Finder 2.36m-Dot OLED EVF, 3.0&quot; 921.6k-Dot 180° Tilting Touchscreen, Internal UHD 4K Video, 5-Log3, and HLG, S&amp;Q Motion in Full HD from 1-120 fps, Built-In Wi-Fi with NFC, 425 Phase- &amp; Contrast-Detect AF Points, Up to 11 fps Shooting and ISO 102,400</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>LENS - SONY E 18-135mm f/3.5-5.6 OSS</td>
<td>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</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>Sandisk SDXC Extreme Pro UHS-I 64 GB</td>
<td>64GB Storage Capacity, UHS-I / V30 / U3 / Class 10, Max Read Speed: 170 MB/s, Max Write Speed: 90 MB/s</td>
<td>1</td>
<td>Unit</td>
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<td>Extra Battery Sony NP-FW50</td>
<td>Compatible Battery: Sony NP-Fw50 Sony A6400 APS-C</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>NITECORE USN1 Dual Slot USB Charger Sony NP-FW50</td>
<td>Compatible Battery: Sony NP-Fw50</td>
<td>1</td>
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<tr>
<td>Ulanzi UURig C-A6400 Metal Protection Camera Cage for Sony A6400</td>
<td>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.</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>JOBY 325 GORILLAPOD</td>
<td>Berat / Weight : 52g Material : ABS plastik, Stainless steel, TPE Dimensi : 3.5 x 3.5 x 17.5 cm Beban max/Max load : 325gram</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>RODE Microphone Video Micro</td>
<td>Compact size and lightweight - only 80mm (3) long and 42mm (1.5oz), All-metal microphone body. No battery required (powered by camera plug-in power - min 3V)</td>
<td>1</td>
<td>Unit</td>
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<td>Item Description</td>
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<tr>
<td>Sling Bag For Camera</td>
<td>Simple Local Brand</td>
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<td>Unit</td>
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<tr>
<td>Transcend Card Reader RDF 8 Usb 3.0</td>
<td>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 &amp; CF built-in security functions*</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>Handphone</td>
<td>Samsung Galaxy A51 (Original Waranty by SEIN)</td>
<td>1</td>
<td>Unit</td>
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<tr>
<td>Software</td>
<td>Microsoft Office 2019 licence</td>
<td>Microsoft Office Professional 2019</td>
<td>7</td>
<td>Unit</td>
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