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AMENDMENT 1 TO THE RFQ
RFQ/UNDP/BRG/45075/042/2018

Assignment Name:

Provision of ICT Equipment for Compliance Team under Directorate General of Law Enforcement,
Ministry of Environment and Forestry (GAKKUM KLHK)

Closing Date:

09 May 2018 at 20.59 (Jakarta Local Time)

TO ALL INTERESTED BIDDERS

Annex 1
Specification and Criteria of the Required Service

Item No	Items	Descriptions / Specification of Goods	Quantity	UoM
1.	GPS	<ul style="list-style-type: none">Weight: 0.82 lbDimension: 5.9" x 2.9" x 1.4"Screen Size: 4"Battery life (hour): 16 hrBattery type: Rechargeable Li-ion BatteryFeatures: 3D Map View, Altimeter, Area Calculation, Bluetooth Ready, Compass, Digital Camera, JPEG Image Viewer <p>Equivalent to Garmin Montera</p>	10	Units
2.	Satellite Phone	<ul style="list-style-type: none">Size: 128 x 53 x 27 mmWeight: 212gCall, SMS, SMS to Mail, FaxData Services: GmPRS up to 60/15 kbps (down/up); Circuit switched 9.6 kbpsGNSS: GPS, BeiDou, GlonassDisplay: 2.4" toughened Gorilla Glass outdoor displayIngress protection: Jet water resistant, dust resistant, shock proofBattery life talk time: up to 9 hoursBattery life standby time: up to 100 hours	10	units

		<ul style="list-style-type: none"> External interfaces: MicroUSB Charger, UDC Jack for data transmission, Earphone connector (3.5 mm), Antenna connector for docking units PC Compatibility: Windows 8/8.1, 7, Vista Environmental specification: <ul style="list-style-type: none"> Operating temperature -10°C to +55°C Storage temperature -20°C to +70°C Humidity 5 to 95% RH (at 40°C) <p>Equivalent to Thuraya XT-Pro</p>		
3.	Walkie Talkie	<ul style="list-style-type: none"> Dimension : 120 x 55 x 35.5 mm (with Li-ion battery); box : 26,5 x 24,5 x 8 cm Weight : 335 g (with Li-ion bat); box : 1460 g Frequency: <ul style="list-style-type: none"> VHF : 136-174 MHz UHF/L : 350-390 MHz UHF/H : 403-446 MHz Output Power: <ul style="list-style-type: none"> VHF : 5 watt, VHF Low power : 1 watt UHF : 4 watt, VHF Low power : 1 watt Channel Capacity : 99 CH Power Supply : 7,5 V DC Battery Life : up to 11 hours (Li-ion) Operation Temperature Range : -30°C to +60°C Accessories : Antenna – Desktop Charger – Battery – Belt Clip – Manual Book <p>Equivalent to Handy Talky Motorola Cp-1660 UHF 350 - 390 Mhz</p>	20	units
4.	HT RIG	<ul style="list-style-type: none"> Frequency range: 146-174MHz Power output: 25 Watt Available option board Dimension: H x W x D 44mm x 169mm x 118mm Display No Keypad Emergency button Signalling: Quick Call II, DTMF, limited MDC1200 CHANELL 64 <p>Equivalent to RADIO RIG MOTOROLA [GM 3688 UHF 40W] UHF 350 - 390 Mhz</p>	10	units

5.	Antena Radio RIG + Cable dan Connector	<p>Weight: 500 gr</p> <ul style="list-style-type: none"> • Material: Ripstop • Layer: Dakron and furring • Size: <ul style="list-style-type: none"> ○ L = L, 64 cm and W, 55 cm ○ XL= L, 64cm and W, 57 cm • Color: Light brown or Birch <p>Equivalent to Diamond SG 7500</p>	10	unit
6.	Drone	<ul style="list-style-type: none"> • Weight: 1.64 lbs (743 g) (include gimbal cover) • Dimension (folded): H83mm x W83mm x L198mm • Max Speed: 40 mph (65 kph) in Sport mode without wind • Flight time: 27 minutes (no wind at a consistent 15.5 mph (25 kph)) • Operating temperature: 32° to 104° F (0° to 40° C) • Satellite Positioning Systems: GPS / GLONASS • Camera sensor: 1/2.3" (CMOS), Effective pixels:12.35 M (Total pixels:12.71M) • Lens: FOV 78.8° 26 mm (35 mm format equivalent) f/2.2 Distortion < 1.5% Focus from 0.5 m to ∞ • ISO Range: video: 100-3200; photo: 100-1600 • Photo: JPEG; DNG • Video: MP4, MOV (MPEG-4 AVC/H.264) • Supported SD Cards Micro SD • Operating Frequency: 2.4G/5G • Max Transmission Distance: 80 m(Distance), 50m(Height) (Unobstructed, free of interference) <p>Equivalent to DJI Mavick Pro</p>	10	unit
7.	Android Support E-monitoring	<ul style="list-style-type: none"> • Display: 6.30-inch. • Processor: 1.7GHz octa-core. • Front Camera: 8-megapixel. • Resolution: 1440x2960 pixels. • RAM: 6GB. • OS Android: 7.1.1. • Storage: 64GB. • Rear Camera: 12-megapixel <p>Equivalent to Samsung Galaxy Note 8</p>	15	unit

8.	Distometer	<ul style="list-style-type: none"> Item Weight: 1.5 pounds Product Dimensions: 6.5 x 2.4 x 1.2 inches Batteries: 1 Lithium ion batteries required (included) Color: Red / Black Style: Single Unit Material: Plastic with Rubber over molding Shape: Rectangular Power Source: Battery – Powered Voltage: 5 Volts Amperage Capacity: 3 A Item Package Quantity: 1 Measurement system: Both Measurement accuracy: 1mm or better than 1/16" Compatible Fastener Range: 1/4 – 20 Laser Beam Color: Red <p>Equivalent to Leica Disto D810 Touch - Bluetooth</p>	10	unit
9.	Binocular	<ul style="list-style-type: none"> BAK4 Porro Prisms Fully Multi-Coated Optics Wide 65.5° Apparent Angle of View Nitrogen-Filled, Water and Fogproof Large Center Focusing Knob Tripod Mountable with Optional Adapter Twist-Up Rubber Eyecups Slip-Resistant Armoring <p>Equivalent to Bushnell 8x42mm Legacy WP Binocular 120842</p>	10	unit
10.	Peat Land Sampler Drill	<ul style="list-style-type: none"> Drilling Depth: 10 meters Extension Rods: Ø 3/4 "x 100 cm x 9 pcs Head Auger: Peat (1 pcs); Belgie (1 pcs); Coring sampler (1 pcs) Included: Handle "T"; WIRE brush; Wrench; Gloves; Aluminum Case <p>Equivalent to Peat Drill Sampler CV. Globalindo Teknik Mandiri</p>	10	Unit
11	Mirrorless Camera	<ul style="list-style-type: none"> 24.3MP APS-C Exmor APS HD CMOS Sensor BIONZ X Image Processor Tru-Finder 0.39" 1,440k-Dot OLED EVF 3.0" 921k-Dot Xtra Fine Tilting LCD Full HD 1080p XAVC S Video at 24/60 fps Built-In Wi-Fi Connectivity with NFC Fast Hybrid AF & 179 Phase-Detect Points Up to 11 fps Shooting and ISO 25600 Multi-Interface Shoe and Built-In Flash Sony 16-50mm f/3.5-5.6 OSS Zoom Lens 	10	Unit

		Equivalent to SONY Mirrorless Digital Camera Alpha a6000		
12	Multiparameter	<ul style="list-style-type: none"> • Measurement: pH / ORP / EC / TDS / Salinity / DO / Temp • Rugged, waterproof • This meter features a graphic, backlit LCD that scales digits to fit up to 12 parameters • Incorporates comprehensive GLP features and the transferring of data via USB connection Equivalent to HANNA HI98194	10	Unit
13	Flowmeter	<ul style="list-style-type: none"> • Dimension: 200mm x 92mm x 32mm • Weight: 538 gram • Standard 5m x2 or can be extended to 10m x2 • Power Supply 3 AAA built-in Ni-MH batteries (for over 12 hours of operation). 100V-240VAC adapter • Data Logger Built-in data logger can store over 2000 lines of data • Linearity 0.5%; Repeatability 0.2% • Accuracy: Better than over or less 1% for velocity above 0.2m/s • Response Time: 0-999 second, user-configurable • Flow Range: 32m/s • Measuring Pipe Size: 15mm-6000mm • Units: English (U.S.) or metric • Totalizer: 7-digit totalizer for net, positive and negative flow respectively • Liquid Types: Any single uniform liquid which can transmit ultrasonic Security • Communication Interface RS-232C interface. 75-57600bps, compatible with Fuji ultrasonic flowmeter and other UFM on enquiry. • Transducers Standard M1, other model for option • Transducer Cable Equivalent to Portable Digital Handheld Ultrasonic Flow Meter Flowmeter TUF2000 H	10	Unit
14	Flashlight	<ul style="list-style-type: none"> • Max Output: 2600 lumens • Max Beam Distance: 289m • Max Beam Intensity: 21000cd 	10	Unit

		<ul style="list-style-type: none"> • Max Run time: 30 h 0 m / 1.25 d • LED CREE XHP70 • Reflector: OP • Battery: TM03 18650 (batteries are not included) • Special Modes Strobe • Beam color High CRI • Length: 159mm / 6.26in • Head Size: 40mm / 1.57in • Weight: 213g / 7.51oz • Feature: STROBE READY • Package Contents: 1 x TM03 CRI Flashlight, 1 x Host, 1 x O-Ring <p>Equivalent to NITECORE TM03 Tiny Monster Senter LED CREE XHP70 2800 Lumens</p>		
			Total Price	

Annex 2

FORM FOR SUBMITTING SUPPLIER'S QUOTATION¹

(This Form must be submitted only using the Supplier's Official Letterhead/Stationery²)

We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. RFQ/UNDP/BRG/45075/042/2018 – Provision of ICT Equipment for Compliance Monitoring Team under Directorate General of Law Enforcement, Ministry of Environment and Forestry (GAKKUM KLHK):

TABLE 1 : Offer to Supply Goods Compliant with Technical Specifications and Requirements

Item No.	Description/Specification of Goods	Quantity	Unit Price	Total Price per Item	Remarks
1.	GPS <ul style="list-style-type: none"> • Weight: 0.82 lb • Dimension: 5.9" x 2.9" x 1.4" • Screen Size: 4" 	10 units			

¹ This serves as a guide to the Supplier in preparing the quotation and price schedule.

² Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes

	<ul style="list-style-type: none"> Battery life (hour): 16 hr Battery type: Rechargeable Li-ion Battery Features: 3D Map View, Altimeter, Area Calculation, Bluetooth Ready, Compass, Digital Camera, JPEG Image Viewer <p>Equivalent to Garmin Montera</p>				
2.	<p>Satellite Phone</p> <ul style="list-style-type: none"> Size: Weight: Call, SMS, SMS to Mail, Fax Data Services: GmPRS up to 60/15 kbps (down/up); Circuit switched 9.6 kbps GNSS: GPS, BeiDou, Glonass Display: 2.4" toughened Gorilla Glass outdoor display Ingress protection: Jet water resistant, dust resistant, shock proof Battery life talk time: up to 9 hours Battery life standby time: up to 100 hours External interfaces: MicroUSB Charger, UDC Jack for data transmission, Earphone connector (3.5 mm), Antenna connector for docking units PC Compatibility: Windows 8/8.1, 7, Vista Environmental specification: <ul style="list-style-type: none"> Operating temperature -10°C to +55°C Storage temperature -20°C to +70°C Humidity 5 to 95% RH (at 40°C) <p>Equivalent to Thuraya XT-Pro</p>	10 units			
3	<p>Handy Talkie</p> <ul style="list-style-type: none"> Dimension : 120 x 55 x 35.5 mm (with Li-ion battery); box : 26,5 x 24,5 x 8 cm Weight : 335 g (with Li-ion bat); box : 1460 g Frequency: <ul style="list-style-type: none"> VHF : 136-174 MHz UHF/L : 350-390 MHz UHF/H : 403-446 MHz Output Power: 	20 units			

	<ul style="list-style-type: none"> ○ VHF : 5 watt, VHF Low power : 1 watt ○ UHF : 4 watt, VHF Low power : 1 watt ● Channel Capacity : 99 CH ● Power Supply : 7,5 V DC ● Battery Life : up to 11 hours (Li-ion) ● Operation Temperature Range : -30°C to +60°C ● Accesories : Antenna – Desktop Charger – Battery – Belt Clip – Manual Book <p>Equivalent to Handy Talky Motorola Cp-1660 UHF 350 - 390 Mhz</p>				
4	<p>HT RIG</p> <ul style="list-style-type: none"> ● Frequency range: 146-174MHz ● Power output: 25 Watt ● Available option board ● Dimension: H x W x D 44mm x 169mm x 118mm ● Display ● No Keypad ● Emergency button ● Signalling: Quick Call II, DTMF, limited MDC1200 ● CHANEL 64 <p>Equivalent to RADIO RIG MOTOROLA [GM 3688 UHF 40W] UHF 350 - 390 Mhz</p>	10 units			
5	<p>Antena Radio RIG + Cable dan Connector</p> <p>Weight: 500 gr</p> <ul style="list-style-type: none"> ● Material: Ripstop ● Layer: Dakron and furring ● Size: <ul style="list-style-type: none"> ○ L = L, 64 cm and W, 55 cm ○ XL= L, 64cm and W, 57 cm ● Color: Light brown or Birch <p>Equivalent to Diamond SG 7500</p>	10 units			
6	<p>Drone</p> <ul style="list-style-type: none"> ● Weight: 1.64 lbs (743 g) (include gimbal cover) ● Dimension (folded): H83mm x W83mm x L198mm ● Max Speed: 40 mph (65 kph) in Sport mode without wind 	10 units			

	<ul style="list-style-type: none"> • Flight time: 27 minutes (no wind at a consistent 15.5 mph (25 kph)) • Operating temperature: 32° to 104° F (0° to 40° C) • Satellite Positioning Systems: GPS / GLONASS • Camera sensor: 1/2.3" (CMOS), Effective pixels:12.35 M (Total pixels:12.71M) • Lens: FOV 78.8° 26 mm (35 mm format equivalent) f/2.2 Distortion < 1.5% Focus from 0.5 m to ∞ • ISO Range: video: 100-3200; photo: 100-1600 • Photo: JPEG; DNG • Video: MP4, MOV (MPEG-4 AVC/H.264) • Supported SD Cards Micro SD • Operating Frequency: 2.4G/5G • Max Transmission Distance: 80 m(Distance), 50m(Height) (Unobstructed, free of interference) <p>Equivalent to DJI Mavic Pro</p>				
7	<p>Android Support E-monitoring</p> <ul style="list-style-type: none"> • Display: 6.30-inch. • Processor: 1.7GHz octa-core. • Front Camera: 8-megapixel. • Resolution: 1440x2960 pixels. • RAM: 6GB. • OS Android: 7.1.1. • Storage: 64GB. • Rear Camera: 12-megapixel <p>Equivalent to Samsung Galaxy Note 8</p>	15 units			
8	<p>Distometer</p> <ul style="list-style-type: none"> • Item Weight: 1.5 pounds • Product Dimensions: 6.5 x 2.4 x 1.2 inches • Batteries: 1 Lithium ion batteries required. (included) • Color: Red/Black • Style: Single Unit • Material: Plastic with Rubber Overmolding • Shape: Rectangular • Power Source: Battery-Powered • Voltage 5 volts 	10 units			

	<ul style="list-style-type: none"> • Amperage Capacity: 3 A • Item Package Quantity: 1 • Measurement System: both • Measurement Accuracy: 1mm or better than 1/16" • Compatible Fastener Range: 1/4-20 • Laser Beam Color: Red <p>Equivalent to Leica Disto D810 Touch - Bluetooth</p>				
9	<p>Binocular</p> <ul style="list-style-type: none"> • BAK4 Porro Prisms • Fully Multi-Coated Optics • Wide 65.5° Apparent Angle of View • Nitrogen-Filled, Water and Fogproof • Large Center Focusing Knob • Tripod Mountable with Optional Adapter • Twist-Up Rubber Eyecups • Slip-Resistant Armoring <p>Equivalent to Bushnell 8x42mm Legacy WP Binocular 120842</p>	10 units			
10	<p>Peat Land Sampler Drill</p> <ul style="list-style-type: none"> • Drilling Depth: 10 meters • Extension Rods: Ø 3/4 "x 100 cm x 9 pcs • Head Auger: Peat (1 pcs); Belgie (1 pcs); Coring sampler (1 pcs) • Included: Handle "T"; WIRE brush; Wrench; Gloves; Aluminum Case <p>Equivalent to CV. Globalindo Teknik Mandiri</p>	10 units			
11	<p>Mirrorless Camera</p> <ul style="list-style-type: none"> • 24.3MP APS-C Exmor APS HD CMOS Sensor • BIONZ X Image Processor • Tru-Finder 0.39" 1,440k-Dot OLED EVF • 3.0" 921k-Dot Xtra Fine Tilting LCD • Full HD 1080p XAVC S Video at 24/60 fps • Built-In Wi-Fi Connectivity with NFC • Fast Hybrid AF & 179 Phase-Detect Points • Up to 11 fps Shooting and ISO 25600 	10 units			

	<ul style="list-style-type: none"> Multi-Interface Shoe and Built-In Flash Sony 16-50mm f/3.5-5.6 OSS Zoom Lens <p>Equivalent to SONY Mirrorless Digital Camera Alpha a6000</p>				
12	<p>Multiparameter</p> <ul style="list-style-type: none"> Measurement: pH / ORP / EC / TDS / Salinity / DO / Temp Rugged, waterproof This meter features a graphic, backlit LCD that scales digits to fit up to 12 parameters Incorporates comprehensive GLP features and the transferring of data via USB connection <p>Equivalent to HANNA HI98194</p>	10 units			
13	<p>Flowmeter</p> <ul style="list-style-type: none"> Dimension: 200mm x 92mm x 32mm Weight: 538 gram Standard 5m x2 or can be extended to 10m x2 Power Supply 3 AAA built-in Ni-MH batteries (for over 12 hours of operation). 100V-240VAC adapter Data Logger Built-in data logger can store over 2000 lines of data Linearity 0.5%; Repeatability 0.2% Accuracy: Better than over or less 1% for velocity above 0.2m/s Response Time: 0-999 second, user-configurable Flow Range: 32m/s Measuring Pipe Size: 15mm-6000mm Units: English (U.S.) or metric Totalizer: 7-digit totalizer for net, positive and negative flow respectively Liquid Types: Any single uniform liquid which can transmit ultrasonic Security Communication Interface RS-232C interface. 75-57600bps, compatible with Fuji ultrasonic flowmeter and other UFM on enquiry. Transducers Standard M1, other model for option 	10 units			

	<ul style="list-style-type: none"> • Transducer Cable <p>Equivalent to Portable Digital Handheld Ultrasonic Flow Meter Flowmeter TUF2000 H</p>				
14	<p>Flashlight</p> <ul style="list-style-type: none"> • Max Output: 2600 lumens • Max Beam Distance: 289m • Max Beam Intensity: 21000cd • Max Run time: 30 h 0 m / 1.25 d • LED CREE XHP70 • Reflector: OP • Battery:TM03 18650 (batteries are not included) • Special Modes Strobe • Beam color High CRI • Length: 159mm / 6.26in • Head Size: 40mm / 1.57in • Weight:213g / 7.51oz • Feature: STROBE READY • Package Contents: 1 x TM03 CRI Flashlight, 1 x Hoster, 1 x O-Ring <p>Equivalent to NITECORE TM03 Tiny Monster Senter LED CREE XHP70 2800 Lumens</p>	10 units			
15	<p>Delivery Cost to The Directorate General of Law Enforcement The Ministry of Environment and Forestry; Manggala Wanabakti Building, Blok 4, Lt. 4</p>				
	Total Price				

Amended to

Annex 1 Specification and Criteria of the Required Service

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2.	Satellite Phone	<ul style="list-style-type: none"> Size: 128 x 53 x 27 mm Weight: 212g Call, SMS, SMS to Mail, Fax Data Services: GmPRS up to 60/15 kbps (down/up); Circuit switched 9.6 kbps GNSS: GPS, BeiDou, Glonass Display: 2.4" toughened Gorilla Glass outdoor display Ingress protection: Jet water resistant, dust resistant, shock proof Battery life talk time: up to 9 hours Battery life standby time: up to 100 hours External interfaces: MicroUSB Charger, UDC Jack for data transmission, Earphone connector (3.5 mm), Antenna connector for docking units PC Compatibility: Windows 8/8.1, 7, Vista Environmental specification: <ul style="list-style-type: none"> Operating temperature -10°C to +55°C Storage temperature -20°C to +70°C Humidity 5 to 95% RH (at 40°C) Subscription: <ul style="list-style-type: none"> Duration: 1 year subscription Payment: Pre paid (activation and monthly fees) Type of subscription: Voice, sms, and packet data Reference of provider: PT. SOG Indonesia, Satellite and Radio Communication 	5	units

		Equivalent to Thuraya XT-Pro		
3.	Walkie Talkie	<ul style="list-style-type: none"> • Dimension : 120 x 55 x 35.5 mm (with Li-ion battery); box : 26,5 x 24,5 x 8 cm • Weight : 335 g (with Li-ion bat); box : 1460 g • Frequency: <ul style="list-style-type: none"> ○ VHF : 136-174 MHz ○ UHF/L : 350-390 MHz ○ UHF/H : 403-446 MHz • Output Power: <ul style="list-style-type: none"> ○ VHF : 5 watt, VHF Low power : 1 watt ○ UHF : 4 watt, VHF Low power : 1 watt • Channel Capacity : 99 CH • Power Supply : 7,5 V DC • Battery Life : up to 11 hours (Li-ion) • Operation Temperature Range : -30°C to +60°C • Accesories : Antenna – Desktop Charger – Battery – Belt Clip – Manual Book <p>Equivalent to Handy Talky Motorola Cp-1660 UHF 350 - 390 Mhz</p>	10	units
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5.	Antena Radio RIG + Cable dan Connector	<p>Weight: 500 gr</p> <ul style="list-style-type: none"> • Material: Ripstop • Layer: Dakron and furring • Size: <ul style="list-style-type: none"> ○ L = L, 64 cm and W, 55 cm ○ XL= L, 64cm and W, 57 cm • Color: Light brown or Birch 	5	unit

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8.	IOS Support E-monitoring	<ul style="list-style-type: none"> Display: 5.8 inches, 84.4 cm² (~82.9% screen-to-body ratio) Processor: Hexa-core 2.39 GHz (2x Monsoon + 4x Mistral) Camera: Dual: 12 MP (f/1.8, 28mm) + 12 MP (f/2.4, 52mm), OIS, phase detection autofocus, 2x optical zoom, quad-LED dual-tone flash 	3	unit

		<ul style="list-style-type: none"> • RAM: 3GB. • iOS 11.1.1, upgradable to iOS 11.3 • Storage: 64GB (internal) <p>Equivalent to iPhone X</p>		
9.	Binocular	<ul style="list-style-type: none"> • BAK4 Porro Prisms • Fully Multi-Coated Optics • Wide 65.5° Apparent Angle of View • Nitrogen-Filled, Water and Fogproof • Large Center Focusing Knob • Tripod Mountable with Optional Adapter • Twist-Up Rubber Eyecups • Slip-Resistant Armoring <p>Equivalent to Bushnell 8x42mm Legacy WP Binocular 120842</p>	5	unit
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		<ul style="list-style-type: none"> Package Contents: 1 x TM03 CRI Flashlight, 1 x Hoster, 1 x O-Ring <p>Equivalent to NITECORE TM03 Tiny Monster Senter LED CREE XHP70 2800 Lumens</p>		
		Total Price		

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We, the undersigned, hereby accept in full the UNDP General Terms and Conditions, and hereby offer to supply the items listed below in conformity with the specification and requirements of UNDP as per RFQ Reference No. RFQ/UNDP/BRG/45075/042/2018 – Provision of ICT Equipment for Compliance Monitoring Team under Directorate General of Law Enforcement, Ministry of Environment and Forestry (GAKKUM KLHK):



TABLE 1 : Offer to Supply Goods Compliant with Technical Specifications and Requirements



Item No.	Description/Specification of Goods	Quantity	Unit Price	Total Price per Item	Remarks
1.	<p>GPS</p> <ul style="list-style-type: none"> Weight: 0.82 lb Dimension: 5.9" x 2.9" x 1.4" Screen Size: 4" Battery life (hour): 16 hr Battery type: Rechargeable Li-ion Battery Features: 3D Map View, Altimeter, Area Calculation, Bluetooth Ready, Compass, Digital Camera, JPEG Image Viewer <p>Equivalent to Garmin Montera</p>	5 units			


³ This serves as a guide to the Supplier in preparing the quotation and price schedule.



⁴ Official Letterhead/Stationery must indicate contact details – addresses, email, phone and fax numbers – for verification purposes



					
2.	<p>Satellite Phone</p> <ul style="list-style-type: none"> • Size: 128 x 53 x 27 mm • Weight: 212g • Call, SMS, SMS to Mail, Fax • Data Services: GmPRS up to 60/15 kbps (down/up); Circuit switched 9.6 kbps • GNSS: GPS, BeiDou, Glonass • Display: 2.4" toughened Gorilla Glass outdoor display • Ingress protection: Jet water resistant, dust resistant, shock proof • Battery life talk time: up to 9 hours • Battery life standby time: up to 100 hours • External interfaces: MicroUSB Charger, UDC Jack for data transmission, Earphone connector (3.5 mm), Antenna connector for docking units • PC Compatibility: Windows 8/8.1, 7, Vista • Environmental specification: <ul style="list-style-type: none"> ◦ Operating temperature -10°C to +55°C ◦ Storage temperature -20°C to +70°C ◦ Humidity 5 to 95% RH (at 40°C) • Subscription: <ul style="list-style-type: none"> ◦ Duration: 1 year subscription ◦ Payment: Pre paid (activation and monthly fees) ◦ Type of subscription: Voice, sms, and packet data ◦ Reference of provider: PT. SOG Indonesia, Satellite and Radio Communication <p>Equivalent to Thuraya XT-Pro</p>	5 units			



					
3	<p>Walkie Talkie</p> <ul style="list-style-type: none"> • Dimension : 120 x 55 x 35.5 mm (with Li-ion battery); box : 26,5 x 24,5 x 8 cm • Weight : 335 g (with Li-ion bat); box : 1460 g • Frequency: <ul style="list-style-type: none"> ○ VHF : 136-174 MHz ○ UHF/L : 350-390 MHz ○ UHF/H : 403-446 MHz • Output Power: <ul style="list-style-type: none"> ○ VHF : 5 watt, VHF Low power : 1 watt ○ UHF : 4 watt, VHF Low power : 1 watt • Channel Capacity : 99 CH • Power Supply : 7,5 V DC • Battery Life : up to 11 hours (Li-ion) • Operation Temperature Range : -30°C to +60°C • Accesories : Antenna – Desktop Charger – Battery – Belt Clip – Manual Book <p>Equivalent to Handy Talky Motorola Cp-1660 UHF 350 - 390 Mhz</p> 	10 units			
4	<p>HT RIG</p> <ul style="list-style-type: none"> • Frequency range: 146-174MHz • Power output: 25 Watt 	5 units			



	<ul style="list-style-type: none"> • Available option board • Dimension: H x W x D 44mm x 169mm x 118mm • Display • No Keypad • Emergency button • Signalling: Quick Call II, DTMF, limited MDC1200 • CHANELL 64 <p>Equivalent to RADIO RIG MOTOROLA [GM 3688 UHF 40W] UHF 350 - 390 Mhz</p> 				
5	<p>Antena Radio RIG + Cable dan Connector Weight: 500 gr</p> <ul style="list-style-type: none"> • Material: Ripstop • Layer: Dakron and furring • Size: <ul style="list-style-type: none"> ○ L = L, 64 cm and W, 55 cm ○ XL= L, 64cm and W, 57 cm • Color: Light brown or Birch <p>Equivalent to Diamond SG 7500</p> 	5 units			
6	<p>Drone</p> <ul style="list-style-type: none"> • Weight: 1.64 lbs (743 g) (include gimbal cover) 	5 units			

	<ul style="list-style-type: none"> • Dimension (folded): H83mm x W83mm x L198mm • Max Speed: 40 mph (65 kph) in Sport mode without wind • Flight time: 27 minutes (no wind at a consistent 15.5 mph (25 kph)) • Operating temperature: 32° to 104° F (0° to 40° C) • Satellite Positioning Systems: GPS / GLONASS • Camera sensor: 1/2.3" (CMOS), Effective pixels:12.35 M (Total pixels:12.71M) • Lens: FOV 78.8° 26 mm (35 mm format equivalent) f/2.2 Distortion < 1.5% Focus from 0.5 m to ∞ • ISO Range: video: 100-3200; photo: 100-1600 • Photo: JPEG; DNG • Video: MP4, MOV (MPEG-4 AVC/H.264) • Supported SD Cards Micro SD • Operating Frequency: 2.4G/5G • Max Transmission Distance: 80 m(Distance), 50m(Height) (Unobstructed, free of interference) <p>Equivalent to DJI Mavick Pro</p> 				
7	<p>Android Support E-monitoring</p> <ul style="list-style-type: none"> • Display: 6.30-inch. • Processor: 1.7GHz octa-core. • Front Camera: 8-megapixel. • Resolution: 1440x2960 pixels. • RAM: 6GB. • OS Android: 7.1.1. • Storage: 64GB. • Rear Camera: 12-megapixel 	7 units			

	<p>Equivalent to Samsung Galaxy Note 8</p> 				
8	<p>IOS Support E-monitoring</p> <ul style="list-style-type: none"> • Display: 5.8 inches, 84.4 cm² (~82.9% screen-to-body ratio) • Processor: Hexa-core 2.39 GHz (2x Monsoon + 4x Mistral) • Camera: Dual: 12 MP (f/1.8, 28mm) + 12 MP (f/2.4, 52mm), OIS, phase detection autofocus, 2x optical zoom, quad-LED dual-tone flash • RAM: 3GB. • iOS 11.1.1, upgradable to iOS 11.3 • Storage: 64GB (internal) <p>Equivalent to iPhone X</p> 	3 units			
9	<p>Binocular</p> <ul style="list-style-type: none"> • BAK4 Porro Prisms • Fully Multi-Coated Optics • Wide 65.5° Apparent Angle of View • Nitrogen-Filled, Water and Fogproof • Large Center Focusing Knob • Tripod Mountable with Optional Adapter • Twist-Up Rubber Eyecups • Slip-Resistant Armoring 	5 units			

	<p>Equivalent to Bushnell 8x42mm Legacy WP Binocular 120842</p> 				
10	<p>Peat Land Sampler Drill</p> <ul style="list-style-type: none"> • Drilling Depth: 10 meters • Extension Rods: Ø 3/4 "x 100 cm x 9 pcs • Head Auger: Peat (1 pcs); Belgie (1 pcs); Coring sampler (1 pcs) • Included: Handle "T"; WIRE brush; Wrench; Gloves; Aluminum Case <p>Equivalent to CV. Globalindo Teknik Mandiri</p> 	5 units			
11	<p>Mirrorless Camera</p> <ul style="list-style-type: none"> • 24.3MP APS-C Exmor APS HD CMOS Sensor • BIONZ X Image Processor • Tru-Finder 0.39" 1,440k-Dot OLED EVF • 3.0" 921k-Dot Xtra Fine Tilting LCD • Full HD 1080p XAVC S Video at 24/60 fps • Built-In Wi-Fi Connectivity with NFC • Fast Hybrid AF & 179 Phase-Detect Points • Up to 11 fps Shooting and ISO 25600 • Multi-Interface Shoe and Built-In Flash • Sony 16-50mm f/3.5-5.6 OSS Zoom Lens <p>Equivalent to SONY Mirrorless Digital Camera Alpha a6000</p>	5 units			

					
12	<p>Multiparameter</p> <ul style="list-style-type: none"> • Measurement: pH / ORP / EC / TDS / Salinity / DO / Temp • Rugged, waterproof • This meter features a graphic, backlit LCD that scales digits to fit up to 12 parameters • Incorporates comprehensive GLP features and the transferring of data via USB connection <p>Equivalent to HANNA HI98194</p> 	5 units			
13	<p>Flowmeter</p> <ul style="list-style-type: none"> • Dimension: 200mm x 92mm x 32mm • Weight: 538 gram • Standard 5m x2 or can be extended to 10m x2 • Power Supply 3 AAA built-in Ni-MH batteries (for over 12 hours of operation). 100V-240VAC adapter • Data Logger Built-in data logger can store over 2000 lines of data • Linearity 0.5%; Repeatability 0.2% • Accuracy: Better than over or less 1% for velocity above 0.2m/s • Response Time: 0-999 second, user-configurable • Flow Range: 32m/s • Measuring Pipe Size: 15mm-6000mm • Units: English (U.S.) or metric 	5 units			

	<ul style="list-style-type: none"> • Totalizer: 7-digit totalizer for net, positive and negative flow respectively • Liquid Types: Any single uniform liquid which can transmit ultrasonic Security • Communication Interface RS-232C interface. 75-57600bps, compatible with Fuji ultrasonic flowmeter and other UFM on enquiry. • Transducers Standard M1, other model for option • Transducer Cable <p>Equivalent to Portable Digital Handheld Ultrasonic Flow Meter Flowmeter TUF2000 H</p> 				
14	<p>Flashlight</p> <ul style="list-style-type: none"> • Max Output: 2600 lumens • Max Beam Distance: 289m • Max Beam Intensity: 21000cd • Max Run time: 30 h 0 m / 1.25 d • LED CREE XHP70 • Reflector: OP • Battery: TM03 18650 (batteries are not included) • Special Modes Strobe • Beam color High CRI • Length: 159mm / 6.26in • Head Size: 40mm / 1.57in • Weight: 213g / 7.51oz • Feature: STROBE READY • Package Contents: 1 x TM03 CRI Flashlight, 1 x Hoster, 1 x O-Ring <p>Equivalent to NITECORE TM03 Tiny Monster Senter LED CREE XHP70 2800 Lumens</p> 	5 units			

15	Delivery Cost to The Directorate General of Law Enforcement The Ministry of Environment and Forestry; Manggala Wanabakti Building, Blok 4, Lt. 4				
	Total Price				

Jakarta, 4 May 2018