

REQUEST FOR QUOTATION (RFQ) (Goods)

	DATE: 28 February 2018
To:	
Interested Bidders	REFERENCE: RFQ/UNDP/EU/34286/013/2018 – ICT Equipment for MTRE3 Project

Dear Sir / Madam:

We kindly request you to submit your quotation for RFQ/UNDP/EU/34286/013/2018 – ICT Equipment for MTRE3 Project as detailed in **Annex 1** of this RFQ. When preparing your quotation, please be guided by the form attached hereto as **Annex 2**.

Quotations may be submitted on or before 7th March 2018 at 1500hrs (Jakarta Local Time) and via $\square e$ -mail to the address below:

United Nations Development Programme

Menara Thamrin Building, 7th Floor Jl. M.H. Thamrin, Kav. 3, Jakarta 10250

bids.id@undp.org

And should be marked / titled: RFQ/UNDP/EU/34286/002/2018 – ICT Equipment for MTRE3 Project

Attn: Rida Dian Trisna/Suryani Agustina Refina

Quotations submitted by email must be limited to a maximum of 4MB per email and it should be virus-free. They must be free from any form of virus or corrupted contents, or the quotations shall be rejected.

It shall remain your responsibility to ensure that your quotation will reach the address above on or before the deadline. Quotations that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation. If you are submitting your quotation by email, kindly ensure that they are signed and in the pdf format, and free from any virus or corrupted files.

Please take note of the following requirements and conditions pertaining to the supply of the abovementioned good/s:

Delivery Terms	☑DDP local delivery					
Customs clearance ¹ , if needed, shall be done by:	☑Supplier/Offeror	☑Supplier/Offeror				
Exact Address/es of Delivery Location/s	Annex 1					
Latest Expected Delivery Date and Time	☑ 9 (nine) weeks from the issuance of the Purchase Order (PO) including installations (item 1-15) and 5 (five) weeks for item 16					
Delivery Schedule	☑Required					
Packing Requirements	☑Yes to ensure that all goods are packed based on the delivery place and that they are all arrived safely.					
Mode of Transport	□ AIR	□LAND				
	☐SEA ☐OTHER based on quotation from bidders which should meet the required delivery time					
Preferred Currency of Quotation ²	☑ IDR					
Value Added Tax on Price Quotation ³	☑ Must be exclusive	VAT and other applicable indirect taxes				
After-sales services required	☑ Based on ANNEX 1					
Deadline for the Submission of Quotation	7 th March 2018 at 15	00hrs (Jakarta Local Time)				
All documentations, including catalogs, instructions and operating manuals, shall be in this language	☑ English					
Documents to be submitted ⁴	accordance with the	d Form as provided in Annex 2, and in list of requirements in Annex 1;				
		ration of not being included in the UN Security st, UN Procurement Division List or other UN				
Period of Validity of Quotes starting the Submission Date	☑ 60 days					
	In exceptional circumstances, UNDP may request the Vendor to extend the validity of the Quotation beyond what has been initially indicated in this RFQ. The Proposal shall then confirm the extension in writing, without any modification whatsoever on the Quotation.					

Partial Quotes	☑ Permitted – bidder allow to submit one or more item
Payment Terms ⁵	☑ Max. 30 days after complete delivery and inspection of good and
	receipt of original invoice
Liquidated Damages	If the Supplier fails to supply the specified goods/services within the
	time period(s) stipulated by the purchase order, the UNDP shall,
	without prejudice to its other remedies under the contract, deduct
	from the Purchase Order price, as liquidated damages, a sum
	equivalent to 2 (two) percent of the delivered price of the delayed
	goods/services for each week of delay until actual delivery, up to a
	maximum deduction of 10 percent of the delayed goods/services Purchase Order price. Once the maximum is reached, the UNDP may
	consider termination of the Purchase Order
Evaluation Criteria	☑ Technical responsiveness/Full compliance to requirements and
	lowest price
	☑Comprehensiveness of after-sales services
	☑ Full acceptance of the PO/Contract General Terms and Conditions
UNDP will award to	☑ One or more supplier
Type of Contract to be Signed	☑ Purchase Order
Special conditions of Contract	☑ Cancellation of PO/Contract if the delivery/completion is delayed
	beyond 9 (nine) week or refer to the Liquidated Damages whichever
	comes first
Conditions for Release of	☑ Passing Inspection
Payment	☑ Complete Installation for item 1 to 15
	☑ Passing all Testing which will be checked against the Technical
	Specification – Annex 1
	☑ Written Acceptance of Goods based on full compliance with RFQ
	requirements
Annexes to this RFQ ⁸	☑ Specifications of the Goods Required (Annex 1)
	☑ Specifications of the Goods Required (Affice 1) ☑ Form for Submission of Quotation (Annex 2)
	· · · · · ·
	☑ General Terms and Conditions / Special Conditions (Annex 3).
	Non-acceptance of the terms of the General Terms and Conditions
	(GTC) shall be grounds for disqualification from this procurement
	process.
Contact Person for Inquiries	Rida Dian Trisna/Suryani Agustina Refina
(Written inquiries only) ⁶	Procurement Unit:
	rida.trisna@undp.org / suryani.refina@undp.org
	Any delay in UNDP's response shall be not used as a reason for
	extending the deadline for submission, unless UNDP determines that
	such an extension is necessary and communicates a new deadline to
	the Proposers.

Goods offered shall be reviewed based on completeness and compliance of the quotation with the minimum specifications described above and any other annexes providing details of UNDP requirements.

The quotation that complies with all of the specifications, requirements and offers the lowest price, as well as all other evaluation criteria indicated, shall be selected. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price (obtained by multiplying the unit price and quantity) shall be re-computed by UNDP. The unit price shall prevail and the total price shall be corrected. If the supplier does not accept the final price based on UNDP's re-computation and correction of errors, its quotation will be rejected.

After UNDP has identified the lowest price offer, UNDP reserves the right to award the contract based only on the prices of the goods in the event that the transportation cost (freight and insurance) is found to be higher than UNDP's own estimated cost if sourced from its own freight forwarder and insurance provider.

At any time during the validity of the quotation, no price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the quotation. At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Purchase Order that will be issued as a result of this RFQ shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a quotation implies that the vendor accepts without question the General Terms and Conditions of UNDP herein attached as Annex 3.

UNDP is not bound to accept any quotation, nor award a contract/Purchase Order, nor be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.

Please be advised that UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a purchase order or contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link: http://www.undp.org/procurement/protest.shtml.

UNDP encourages every prospective Vendor to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its suppliers to adhere to the UN Supplier Code of Conduct found in this link: http://www.un.org/depts/ptd/pdf/conduct_english.pdf

Thank you and we look forward to receiving your quotation.

Sincerely yours,

John Benjamin Procurement Specialist 28th February 2018

ANNEX 1

SPECIFICATION / REQUIREMENTS RFQ/UNDP/EU/34286/013/2018 – ICT Equipment for MTRE3 Project

ITEM & SPECIFICATION

No.	Item	Specifications	Qty
1	Laptop Equivalent to Lenovo Ideapad YOGA 920 [80VF000JiD] BLACK	Processor Inter Core i-7, RAM min. 16GB DDR 3, Hardisk Minimal 500GB, Layar 13,0 inch; Touchscreen, OS Windows 10 64bitProfessional	6
2	MS Office Professional 2016	MS Office Professional 2016	6
3	Antivirus Equivalent to Kaspersky	Internet Security /user /year	6
4	External Hardisk Equivalent to Seagate Backup Plus Slim 2 TB	External Hardisk, 2TB	5
5	Projector Equivalent to BenQ MW855UST	Projection system: DLP; native resolution: WXGA (1280 x 800); brightness (ANSI Lumens): 3,500 Lumens; contrast ratio: 10,000:1; keystone adjustment: 2D,vertical/horizontal ±15 degrees corner fit ±5 degrees; HDTV compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p. Video Compatibility: NTSC, PAL, SECAM. Dimensions (WxHxD): 373.3 x 287.5 x 130.2mm.Weight: 5kg (w/o wall mount). Power Supply: AC 100V to 240V, 50Hz to 60Hz. Power Consumption: Normal 320W, Standby < 0.5W	1
6	Smart TV Equivalent to SAMSUNG 65 Inch Curved Smart TV UHD with tilt TV wall mount bracket for 65" curved smart TV UHD	LED, 65 inch, 3840 × 2160 (4K Ultra HD), Smart TV, Quad-Core, UHD Up-Scaling, HDMI, USB, DVB-T2 and with tilt TV wall mount bracket for 65" curved smart TV UHD	1
7	Wireless Curved Soundbar Equivalent to SAMSUNG Wireless Curved Soundbar with Wireless Subwoofer	Soundbar with wireless subwoofer, 2.1ch soundbar speaker, surround sound expansion, wireless active subwoofer, TV SoundConnect, HDMI, USB, 260 Watt	1
8	Ipad Equivalent to Apple iPad mini 4, WiFi 128GB, space gray	Connectivity: WiFi / OS: iOS 10 / CPU: A8 chip with 64-bit architecture M8 motion coprocessor / CPU 1.5 GHz / Storage: 128GB / RAM:2GB / Screen: 7.9 inches with resolution 2048 x 1536 / Camera: 8 MP; front:1.2 MP / WiFi , GPS, Bluetooth / Dimension: 203.2 x 134.8 x 6.1 mm (8 x 5.3 x 0.24 inches)	1
9	Handphone Equivalent to Xiaomi Mi Mix 2-128GB Black	Operating system: Android 7.0 / RAM memory 6GB / processor type: Octa-core / harddisk 128GB, SIM Slots: Dual / battery capacity: 3000 - 3999 mAh / video resolution: 1080p /camera back: 11 to 15MP / camera front: 5-6 MP / screen size (inches): 6.0 / network connections 3.5G - HSDPA 4G / phone	1

		features: fingerprint sensor touchscreen GPS / screen type: IPS LCD / built-in rechargeable battery	
	Handphone		
10	Equivalent to Samsung Galaxy A5 2017 New Edition SM-A520 Smartphone - Black [32GB/ 3GB]	Smartphone, 4G - LTE, Touchscreen, Wifi, Bluetooth, 3G, GPS Navigation, Memory Card Slots, MP3, FM Radio, e-mail, Video Player, Front Camera, Dual Sim Card	2
11	Drone Equivalent to DJI PHANTOM 4 PRO	Aircraft Weight (Battery & Propellers Included): 1388 g Diagonal Size (Propellers Excluded): 350 mm Max Ascent Speed: S-mode: 6 m/s; P-mode: 5 m/s Max Descent Speed: S-mode: 4 m/s; P-mode: 3 m/s Max Speed: 45 mph (72 kph) (S-mode); 36 mph (58 kph) (A-mode); 31 mph (50 kph) (P-mode) Max Tilt Angle: 42° (S-mode); 35° (A-mode); 25° (P-mode) Max Angular Speed: 250°/s (S-mode); 150°/s (A-mode) Max Service Ceiling Above Sea Level: 19685 ft (6000 m) Max Flight Time: Approx. 30 minutes Operating Temperature: 32° to 104° F (0° to 40° C) Satellite Positioning Systems: GPS/GLONASS GPS Hover Accuracy Range: Vertical: ±0.1 m (With Vision Positioning); ±0.5 m (With GPS Positioning) Horizontal: ±0.3 m (With Vision Positioning); ±1.5 m (With GPS Positioning) Gimbal Stabilization: 3-axis (pitch, roll, yaw) Controllable Range: Pitch: -90° to +30° Max Controllable Angular Speed: Pitch: 90°/s Angular Control Accuracy: ±0.01° Infrared Sensing System Obstacle Sensory Range : 0.6 − 23 ft (0.2 − 7 m) FOV: 70° (Horizontal), ±10° (Vertical) Detection Frequency: 10 Hz Operating Environment: Surface with diffuse reflection material, and reflectivity > 8% (such as wall, trees, humans, etc.) Vision System Velocity Range: ≤31 mph (50 kph) at 6.6 ft (2 m) above ground Altitude Range: 0 − 33 ft (0 − 10 m) Operating Range: 0 − 33 ft (0 − 10 m) Operating Range: 0 − 33 ft (0 − 10 m) Obstacle Sensory Range: 2 − 98 ft (0.7 − 30 m) FOV: 60° (Horizontal), ±54° (Vertical) Detection Frequency: 10Hz Operating Environment: Surfaces with clear patterns and adequate lighting (> 15 lux) Camera	1

Sensor 1" CMOS; Effective pixels: 20M

Lens FOV (Field of View) 84°, 8.8 mm / 24 mm (35 mm)

format equivalent),

f/2.8 - f/11.

auto focus at 1 m - ∞

ISO Range Video: 100 - 3200 (Auto); 100 - 6400

(Manual)

Photo: 100 - 3200 (Auto); 100- 12800 (Manual)

Mechanical Shutter

8-1/2000 s 1/2000 - 1/8000 s

Electronic Shutter Max Image Size 3:2 Aspect Ratio: 5472 × 3648

4:3 Aspect Ratio: 4864 × 3648 16:9 Aspect Ratio: 5472 × 3078

PIV Image Size • 4096 × 2160 (4096 × 2160

24/25/30/48/50p)

• 3840 × 2160 (3840 × 2160 24/25/30/48/50/60p)

- 2720 × 1530 (2720 × 1530 24/25/30/48/50/60p)

• 1920 × 1080 (1920 × 1080 24/25/30/48/50/60/120p)

• 1280 × 720 (1280 × 720 24/25/30/48/50/60/120p)

Still Photography Modes Single Shot

Burst Shooting: 3/5/7/10/14 frames

Auto Exposure Bracketing (AEB): 3/5 bracketed

frames at 0.7EV Bias

Interval: 2/3/5/7/10/15/30/60 s Video Recording Modes H.265

 C4K: 4096×2160 24/25/30p @100Mbps • 4K: 3840×2160 24/25/30p @100Mbps

• 2.7K : 2720×1530 24/25/30p @65Mbps2720×1530

48/50/60p @80Mbps

• FHD: 1920×1080 24/25/30p @50Mbps1920×1080 48/50/60p @65Mbps1920×1080 120p @100Mbps • HD: 1280×720 24/25/30p @25Mbps1280×720 48/50/60p @35Mbps1280×720 120p @60MbpsH.264

· C4K: 4096×2160 24/25/30/48/50/60p @100Mbps

• 4K: 3840×2160 24/25/30/48/50/60p @100Mbps • 2.7K : 2720×1530 24/25/30p @80Mbps2720×1530

48/50/60p @100Mbps

• FHD: 1920×1080 24/25/30p @60Mbps1920×1080 48/50/60 @80Mbps1920×1080 120p @100Mbps

- HD: 1280×720 24/25/30p @30Mbps1280×720 48/50/60p

@45Mbps1280×720 120p @80Mbps Video Storage Bitrate 100 Mbps

Supported File Systems FAT32 (≤ 32 GB); exFAT (> 32 GB)

Photo JPEG, DNG (RAW), JPEG + DNG

Video MP4/MOV (AVC/H.264; HEVC/H.265)

Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C)

Remote Controller

Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);

		CE: 2.2mi (3.5km);	
		SRRC: 2.5mi (4 km)	
		5.725 GHz – 5.825 GHz(Unobstruoted, free of interference)	
		FCC: 4.3mi (7km);	
		CE: 1.2mi (2 km);	
1		SRRC: 2.5mi (4 km)	
		Operating Temperature 32° to 104° F (0° to 40° C) Battery 6000mAh LiPo 2S	
		Transmitter Power (EIRP) 2.400 GHz – 2.483 GHz	
		FCC: 26 dBm; CE: 17 dBm; SRRC: 20 dBm	
İ		5.725 GHz – 5.825 GHz	
		FCC: 28 dBm; CE: 14 dBm; SRRC: 20 dBm	
		Operating Voltage 1.2 A @7.4 V	
		Video Output Port GL300E: HDMI, USB	
1		GL300F: USB	
		Mobile Device Holder GL300E:Built-in display device (5.5	
		inch screen, 1920×1080,	
		1000 cd/m2, Android system, 4G RAM + 16G ROM)	
1		GL300F:Tablets and smart phones	
		Intelligent Flight Battery (PH4-5870mAh-15.2V)	
		Capacity 5870 mAh	
		Voltage 15.2 V	
		Battery Type LiPo 4S	
	1	Energy 89.2 Wh	
		Net Weight 468 g	
		Charging Temperature Range 14° to 104° F (-10° to 40° C)	
		Max Charging Power 100 W	
		Charger	
		Voltage 17.4 V	
		Rated Power 100 W	
	Battery		<u> </u>
		Capacity: 5870 mAh, Voltage: 15.2 V, Battery Type: LiPo 4S	
12	Equivalent to DJI PHANTOM	Energy: 89.2 Wh, Net Weight: 468 g, Charging Temperature	1
	4 PRO 5870MAH Original	Range: 41° to 104°F (5° to 40°C), Max Charging Power: 100 W	1
		, , , , , , , , , , , , , , , , , , , ,	
	Remote Control	Madanas Barta C. C. C. T. T. T. T. T.	
13	Equivalent to DJI Inspire 1 -	Maximum Device Size: 8.1 x 5.7 x 5" / 205 x 145 x 128 mm,	
ديد	Phantom 3 Remote	Shades Mobile Device Screen from Sun; Mounts to Mobile	1
	Controller Monitor Hood	Device Holder; Space-Saving Collapsible Design	
	Charging Hub Battery		
4.4		Charging hub compatible with 3 batteries on time charging,	
14	Equivalent to Dji Phantom 4	mode storage	1 1
	Original		
	Camera	Action comora CD1 Chi 4V COEDC 10-1	
	Samera	Action camera, GP1 Chipset; 4K at 60FPS; 12 Megapixels;	
15	Equivalent to GoPro HERO6	Waterproof without a housing down to 33ft (10m); Image	
	Black	Stabilization; 1080p at 240; Low-light performance; Dynamic	2
	2.301	range with lighting conditions; Zoom slider option; HDR Photo	•
	<u> </u>	Capture; Dual 2.4Ghz/5Ghz for downloads Include POV Case XS	

16	PC core i7	Intel Core i7-7700K 4.2 Ghz up to 4.5 Ghz – Cache 8 Mb (box) socket LGA 1151 -Kabylake Series Asus Prime Z270K, Motherboard with LED lighting intel Z270, 4 x DDR4 up to 3866 MHz (OC), socket 1151 ATX Form Factor, support AMD crossFirex Technology WDC 2 TB SATA 3 64 MB – Black – WD2003FZEX – warranty 5 years (2 units) GSkill DDR4 Tridentz PC 25600 32GB (2x16GB) Dual Channel F4 – 3200C16D-32GTZ Cooler Master HYPER 212 LED Turbo – Red Cover Cooler Master Cosmos II 25 th Anniversary Edition (RC-1200 KKN2) VGA Zotac GeForce GTX 1080 AMP 8Gb Power Supply Corsair – HX 1000 AX, 90-264 VAC Input, 135 CM Fan ATX, Fully Modular, 1000W, 80 Plus Platinum	3
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1. WARRANTY SCHEME

Warranty on Parts and Labor as provided by manufacturer for each item

2. DELIVERY

item 1 – 15:

The delivery time should be within 9 weeks to: UNDP Indonesia,

Attn: Maria Deviyani

7th Floor, Menara Thamrin Building,

Jl. M.H. Thamrin Kav. 3, Jakarta, Indonesia 10250

Item 16:

To Kementrian Lingkungan Hidup dan Kehutanan Jakarta

3. LOCAL SERVICE

The Supplier should describe the after-sales service that is available locally, technical support and availability of spares in Indonesia

ANNEX 2

RFQ/UNDP/EU/34286/013/2018 – ICT Equipment for MTRE3 Project

FORM FOR SUBMITTING SUPPLIER'S QUOTATION (This Form must be submitted only using the Supplier's Official Letterhead/Stationery)

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/EU/34286/013/2018 – ICT Equipment for MTRE3 Project

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

No.	Item	Specifications	Qty	Remarks	Unit Price (IDR)	Total Price (IDR
1	Laptop Equivalent to Lenovo Ideapad YOGA 920 [80VF000JiD] BLACK	Processor Inter Core i-7, RAM min. 16GB DDR 3, Hardisk Minimal 500GB, Layar 13,0 inch; Touchscreen, OS Windows 10 64bitProfessional	6			
2	MS Office Professional 2016	MS Office Professional 2016	6			
3	Antivirus Equivalent to Kaspersky	Internet Security /user /year	6			
4	External Hardisk Equivalent to Seagate Backup Plus Slim 2 TB	External Hardisk, 2TB	5			
5	Projector Equivalent to BenQ MW855UST	Projection system: DLP; native resolution: WXGA (1280 x 800); brightness (ANSI Lumens): 3,500 Lumens; contrast ratio: 10,000:1; keystone adjustment: 2D,vertical/horizontal ±15 degrees corner fit ±5 degrees; HDTV compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p. Video Compatibility: NTSC, PAL, SECAM. Dimensions (WxHxD): 373.3 x 287.5 x 130.2mm.Weight: 5kg (w/o wall mount).	1			

Γ						
		Power Supply: AC 100V to				
		240V, 50Hz to 60Hz. Power				
		Consumption: Normal				
		320W, Standby < 0.5W			1	
	Smart TV	JED 65 inch 2040 v 2460				
	Sillare TV	LED, 65 inch, 3840 × 2160				
	Equippolant to SAMSHING CE	(4K Ultra HD), Smart TV,				
6	Equivalent to SAMSUNG 65	Quad-Core, UHD Up-				
0	Inch Curved Smart TV UHD	Scaling, HDMI, USB, DVB-T2	1			Í
	with tilt TV wall mount	and with tilt TV wall mount			ĺ	
	bracket for 65" curved	bracket for 65" curved				
	smart TV UHD	smart TV UHD				
	Wireless Curved Soundbar	Soundbar with wireless				
		subwoofer, 2.1ch soundbar				
7	Equivalent to SAMSUNG	speaker, surround sound	1	1		
	Wireless Curved Soundbar	expansion, wireless active	•			
	with Wireless Subwoofer	subwoofer, TV				
		SoundConnect, HDMI, USB,				
		260 Watt				
		Connectivity: WiFi / OS: IOS	<u> </u>			
		10 / CPU: A8 chip with			1	
		64-bit architecture M8]			
	lu-d	motion coprocessor / CPU				
	lpad	1.5 GHz / Storage: 128GB /]	
_		RAM:2GB / Screen: 7.9				1
8	Equivalent to Apple iPad	inches with resolution 2048	1			
	mini 4, WiFi 128GB, space	x 1536 / Camera: 8 MP;				
	gray	front:1.2 MP / WiFi , GPS,				
		Bluetooth / Dimension:				
		203.2 x 134.8 x 6.1 mm (8 x				
		5.3 x 0.24 inches)				[
		Operating system: Android	L			
		7.0 / RAM memory 6GB				
		/ processor type: Octa-core				
		/ harddisk 128GB, SIM				
		Slots: Dual / battery				
		capacity: 3000 - 3999 mAh				
	Handphone	/ video resolution: 1080p				
		/camera back: 11 to 15MP/				
9	Equivalent to Xiaomi Mi	camera front: 5-6 MP /	1			
	Mix 2-128GB Black	screen size (inches): 6.0 /				
	2 12000 Diack	network connections 3.5G -				
		HSDPA 4G / phone				
		features: fingerprint				
		sensor touchscreen GPS /				
	•	screen type: IPS LCD / built-			İ	
		in rechargeable battery]

	Handphone	Smartphone, 4G - LTE,	T	 1	
	- Tanaphone	Touchscreen, Wifi,	ļ		
	Equivalent to Samsung	1			
10	Galaxy A5 2017 New	Bluetooth, 3G, GPS	_		
	Edition SM-A520	Navigation, Memory Card	2		
		Slots, MP3, FM Radio, e-			
İ	Smartphone - Black [32GB/	mail, Video Player, Front			
	3GB]	Camera, Dual Sim Card			
		Aircraft	-		
		Weight (Battery &			
		Propellers Included): 1388 g			
		Diagonal Size (Propellers	1		
		Excluded): 350 mm			
		Max Ascent Speed: S-mode:			
		6 m/s; P-mode: 5 m/s			
		Max Descent Speed: S-			
		mode: 4 m/s; P-mode: 3			
		m/s			
		Max Speed: 45 mph (72			
		kph) (S-mode); 36 mph (58			
		kph) (A-mode); 31 mph (50			
		kph) (P-mode)			
]	Max Tilt Angle: 42° (S-			
		mode); 35° (A-mode); 25°			
		(P-mode)			
	İ	Max Angular Speed: 250°/s			
-		(S-mode); 150°/s (A-mode)			
		Max Service Ceiling Above			
		Sea Level: 19685 ft (6000			
		m)	ĺ		
	Drone	Max Flight Time: Approx.			
11		30 minutes	1		
	Equivalent to DJI	Operating Temperature:	-		
	PHANTOM 4 PRO	32° to 104° F (0°			
ļ		to 40° C)			
1		Satellite Positioning	1		
		Systems: GPS/GLONASS]	
		GPS Hover Accuracy Range:			
		Vertical: ±0.1 m (With			
			ŀ		
		Vision Positioning); ±0.5 m			
		(With GPS Positioning)]		1
		Horizontal: ±0.3 m (With	ſ		
		Vision Positioning); ±1.5 m			
		(With GPS Positioning)			
		Circle I			
		Gimbal	Ì		
		Stabilization: 3-axis (pitch,			[
		roll, yaw)			
		Controllable Range: Pitch: -	1		
		90° to +30°			[
	and the state of t	Max Controllable Angular			
		Speed: Pitch: 90°/s			
		Angular Control Accuracy:			
		±0.01°	ļ		
			İ		

1			
	Infrared Sensing System		
	Obstacle Sensory Range :		
	0.6 – 23 ft (0.2 – 7 m)		
	FOV: 70° (Horizontal), ±10°		
	(Vertical)		
	Detection Frequency: 10 Hz		
	Operating Environment:		
	Surface with diffuse		
	reflection material, and		
	reflectivity > 8% (such as		
	wall, trees, humans, etc.)		
	Vision System		
	Velocity Range: ≤31 mph		
	(50 kph) at 6.6 ft (2 m)		
	above ground		
İ	Altitude Range: 0 – 33 ft		
	(0 – 10 m)		
	Operating Range: 0 – 33 ft		
	(0 – 10 m)		
	Obstacle Sensory Range: 2		
	- 98 ft (0.7 – 30 m)		
	FOV: 60°(Horizontal),		
]	±54°(Vertical)		
İ	Detection Frequency: 10Hz		
	Operating Environment:		İ
	Surfaces with clear		
ĺ	patterns and adequate		
	lighting (> 15 lux)		
	6		-
	Camera 44 SAAGS 555 N		
	Sensor 1" CMOS; Effective		
	pixels: 20M		
	Lens FOV (Field of View)		1
	84°, 8.8 mm / 24 mm (35		
	mm format equivalent),		
	f/2.8 – f/11.		
	auto focus at 1 m – ∞		
	ISO Range Video:		
	100 – 3200 (Auto); 100 –		
	6400 (Manual)		
	Photo: 100 – 3200 (Auto);		
	100- 12800 (Manual)		
	Mechanical Shutter 8 –		
	1/2000 s		1
	Electronic Shutter 1/2000 –		
	1/8000 s		
	Max Image Size3:2 Aspect		
	Ratio: 5472 × 3648		
	4:3 Aspect Ratio: 4864 ×		
	3648		
	16:9 Aspect Ratio: 5472 ×		
	3078		-
	PIV Image Size • 4096 ×		
	2160 (4096 × 2160		

			r			
		24/25/30/48/50p)				
	1	• 3840 × 2160 (3840 ×				
		2160 24/25/30/48/50/60p)				
		• 2720 × 1530 (2720 ×				
		1530 24/25/30/48/50/60p)				
		- 1920 × 1080 (1920 ×				
		1080				
		24/25/30/48/50/60/120p)				
		- 1280 × 720 (1280 × 720				
		24/25/30/48/50/60/120p)				
		Still Photography Modes				
İ		Single Shot Burst Shooting:				
		3/5/7/10/14 frames				
		Auto Exposure Bracketing				
		(AEB): 3/5 bracketed				
İ		frames at 0.7EV Bias				
		Interval:				
		2/3/5/7/10/15/30/60 s				
İ		Video Recording Modes	ĺ			
		H.265				
		• C4K : 4096×2160				
		24/25/30p @100Mbps				
		• 4K : 3840×2160				
						Ī
		24/25/30p @100Mbps				
		• 2.7K : 2720×1530				
		24/25/30p				
		@65Mbps2720×1530	1			
		48/50/60p @80Mbps	İ			
		• FHD : 1920×1080				
		24/25/30p				
		@50Mbps1920×1080				
		48/50/60p				
		@65Mbps1920×1080 120p				
		@100Mbps • HD :				İ
		1280×720 24/25/30p				
		@25Mbps1280×720				
		48/50/60p				
		@35Mbps1280×720 120p				
		@60MbpsH.264	1		ļ	
		• C4K : 4096×2160	Ì			٠
		24/25/30/48/50/60p				
		@100Mbps				
		* 4K : 3840×2160				
		24/25/30/48/50/60p				
		@100Mbps	1		1	
		• 2.7K : 2720×1530				
		24/25/30p				
		@80Mbps2720×1530				
		48/50/60p @100Mbps				
		• FHD: 1920×1080				
		24/25/30p				
		@60Mbps1920×1080	Ì			1
		48/50/60				
		@80Mbps1920×1080 120p				
	·				l	

@ 100Mbps • HD: 1280×720 24/25/30p @ 30Mbps1280×720 48/50/60p @ 45Mbps1280×720 120p @ 80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FA132 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104* F (0* to 40* C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Inobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km); CE: 1.3 mi (7km);
24/25/30p @30Mbps1280×720 48/50/60p @45Mbps1280×720 120p @80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (s 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104* F (0* to 40* C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.5mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
@30Mbps1280×720 48/50/60p @45Mbps1280×720 120p @80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed 215MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104* F (0* to 40* C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); FCC: 4.3mi (7km);
48/50/60p @45Mbps1280×720 120p @80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (s 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104* F {0* to 40* C} Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); FCC: 4.3mi (7km);
@45Mbps1280×720 120p @80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 ; HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128G. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104* F (0* to 40* C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); FCC: 4.3mi (7km);
@80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (\$ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15M6/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
@80Mbps Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (\$ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15M6/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
Video Storage Bitrate 100 Mbps Supported File Systems FAT32 (\$ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
Mbps Supported File Systems FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32* to 104* F (0* to 40* C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
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FAT32 (≤ 32 GB); exFAT (> 32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264; HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
32 GB) Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
Photo JPEG, DNG (RAW), JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); SRC: 2.5mi (7km); SRC: 2.5mi (7km); SRC: 4.3mi (7km);
JPEG + DNG Video MP4/MOV (AVC/H.264 : HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
Video MP4/MOV (AVC/H.264; HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 4.3mi (7km); CE: 2.4mi (7km); CE: 4.3mi (7km); CE: 4.3mi (7km);
(AVC/H.264; HEVC/H.265) Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); FRC: 2.5mi (4 km) FRC: 2.5mi (4 km) FRC: 2.5mi (4 km) FRC: 2.5mi (7km);
Supported SD Cards Micro SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 − 2.483 GHz and 5.725 − 5.825 GHz Max Transmission Distance 2.400 GHz − 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz − 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
SD, Max Capacity: 128GB. Write speed ≥15MB/s, class 10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
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10 or UHS-1 rating required Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
Operating Temperature 32° to 104° F (0° to 40° C) Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
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Remote Controller Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
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Operating Frequency2.400 - 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
- 2.483 GHz and 5.725 - 5.825 GHz Max Transmission Distance 2.400 GHz - 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz - 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
5.825 GHz Max Transmission Distance 2.400 GHz – 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz – 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
Max Transmission Distance 2.400 GHz – 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz – 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
2.400 GHz – 2.483 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz – 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km); CE: 2.2mi (3.5km); SRRC: 2.5mi (4 km) 5.725 GHz – 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
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5.725 GHz – 5.825 GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
GHz(Unobstruoted, free of interference) FCC: 4.3mi (7km);
interference) FCC: 4.3mi (7km);
FCC: 4.3mi (7km);
CE: 1 2mi /2 lms);
CE: 1.2mi (2 km);
SRRC: 2.5mi (4 km)
Operating Temperature 32°
to 104° F (0° to 40° C)
Battery 6000mAh LiPo 2S
Transmitter Power (EIRP)
2.400 GHz – 2.483 GHz
FCC: 26 dBm; CE: 17 dBm;
SRRC: 20 dBm
5.725 GHz — 5.825 GHz
FCC: 28 dBm; CE: 14 dBm;
SRRC: 20 dBm
Operating Voltage 1.2 A
@7.4 V
Video Output PortGL300E:

			Т	T	1	
		HDMI, USB. GL300F: USB				
		Mobile Device Holder				
		GL300E:Built-in display				
		device (5.5 inch screen,				
		1920×1080,1000 cd/m2,				
		Android system, 4G				
1		RAM + 16G ROM)				
		GL300F: Tablets and smart				
		I .				
		phones]
						1
-		Intelligent Flight Battery				
		(PH4-5870mAh-15.2V)]
		Capacity 5870 mAh				
		Voltage 15.2 V				
		Battery Type LiPo 4S				
		Energy 89.2 Wh			Ì	
		Net Weight 468 g			1	
		Charging Temperature				
		Range 14° to 104° F (-10°	•			
		to 40° C)				
		1				
		Max Charging Power 100 W				
		Charger				
		Voltage 17.4 V				
		Rated Power 100 W	<u></u>			
		Capacity: 5870 mAh,				
ļ	Battery	Voltage: 15.2 V, Battery			1	
		Type: LiPo 4S			*****	
12	Equivalent to DJI	Energy: 89.2 Wh, Net	_			
	PHANTOM 4 PRO	Weight: 468 g, Charging	1			
	5870MAH Original	Temperature Range: 41° to				
	-	104°F (5° to 40°C), Max				ľ
		Charging Power: 100 W		•		
		Maximum Device Size: 8.1 x				
	Remote Control	5.7 x 5" / 205 x 145 x 128				
	nemote control	mm, Shades Mobile Device				
13	Equivalent to DII Inchire 1	_				
	Equivalent to DJI Inspire 1 –	Screen from Sun; Mounts	1			
	Phantom 3 Remote	to Mobile Device Holder;				
1	Controller Monitor Hood	Space-Saving Collapsible				
<u> </u>		Design				
	Charging Hub Battery	Charging hub compatible				
14		with 3 batteries on time				
14	Equivalent to Dji Phantom	charging, mode storage	1			
	4 Original					
		Action camera, GP1				
'		Chipset; 4K at 60FPS; 12				
	6	Megapixels; Waterproof				
15	Camera	without a housing down to				
		33ft (10m); Image				
	Equivalent to GoPro HERO6	Stabilization; 1080p at 240;	2			
	Black	Low-light performance;				7700
		Dynamic range with lighting				
		conditions; Zoom slider				
		option; HDR Photo Capture;				
		Dual 2.4Ghz/5Ghz for				
		- Julian Child Colle IOI				

		downloads Include POV				
		Case XS				
5	PC core i7	Intel Core i7-7700K 4.2	3			
		Ghz up to 4.5 Ghz – Cache			Ì	
		8 Mb (box) socket LGA			İ	
		1151 -Kabylake Series				
		Asus Prime Z270K,				
		Motherboard with LED				1
		lighting intel Z270, 4 x				
		DDR4 up to 3866 MHz (OC), socket 1151 ATX				
		Form Factor, support AMD				
		crossFirex Technology				
		WDC 2 TB SATA 3 64 MB				
		- Black - WD2003FZEX -				
		warranty 5 years (2 units)			477	
		GSkill DDR4 Tridentz PC				
		25600 32GB (2x16GB)				
		Dual Channel F4 –				
		3200C16D-32GTZ				
		Cooler Master HYPER 212				
	LED Turbo – Red Cover Cooler Master Cosmos II					
		25th Anniversary Edition				
		(RC-1200 KKN2)				
		VGA Zotac GeForce GTX				
		1080 AMP 8Gb				
		Power Supply Corsair – HX				
		1000				
		AX, 90-264 VAC Input,				
		135 CM Fan ATX, Fully			İ	
		Modular, 1000W, 80 Plus				
	Total Prices of Goods ⁷	Platinum		<u> </u>		
	Add : Cost of Transportation Add : Cost of Insurance					
	Add: Other Charges (pls	specify)				-
	, and , other charges (bis	· opeony;			****	
	Total Final and All Institu	sive Dulee Overteties				
	Total Final and All-Inclusive Price Quotation					

TABLE 2: Offer to Comply with Other Conditions and Related Requirements

Oak an hafanna att in the first		Your Responses			
Other Information pertaining to our Quotation are as follows:	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter proposal		

⁷ Pricing of goods should be consistent with the INCO Terms indicated in the RFQ

Comply to meet the requirement stated in ANNEX 1 Specification or equivalent Validity of Quotation 60 days		
Latest expected delivery date and time: within 9 (nine) weeks for item 1-15 and 5 (five) weeks for item 16 from the issuance of the Purchase Order (PO) including installations		
All Provisions of the UNDP General Terms and Conditions		
Warranty as provided by manufacturer of each item		
Other requirements [pls. specify]		

All other information that we have not provided automatically implies our full compliance with the requirements, terms and conditions of the RFQ.

[Name and Signature of the Supplier's Authorized Person] [Designation/Name of the company] [Date]

ANNEX 3

General Terms and Conditions

1. ACCEPTANCE OF THE PURCHASE ORDER

This Purchase Order may only be accepted by the Supplier's signing and returning an acknowledgement copy of it or by timely delivery of the goods in accordance with the terms of this Purchase Order, as herein specified. Acceptance of this Purchase Order shall effect a contract between the Parties under which the rights and obligations of the Parties shall be governed solely by the terms and conditions of this Purchase Order, including these General Conditions. No additional or inconsistent provisions proposed by the Supplier shall bind UNDP unless agreed to in writing by a duly authorized official of UNDP.

2. PAYMENT

- 2.1 UNDP shall, on fulfillment of the Delivery Terms, unless otherwise provided in this Purchase Order, make payment within 30 days of receipt of the Supplier's invoice for the goods and copies of the shipping documents specified in this Purchase Order.
- 2.2 Payment against the invoice referred to above will reflect any discount shown under the payment terms of this Purchase Order, provided payment is made within the period required by such payment terms.
- 2.3 Unless authorized by UNDP, the Supplier shall submit one invoice in respect of this Purchase Order, and such invoice must indicate the Purchase Order's identification number.
- 2.4 The prices shown in this Purchase Order may not be increased except by express written agreement of UNDP.

3. TAX EXEMPTION

- 3.1 Section 7 of the Convention on the Privileges and Immunities of the United Nations provides, inter alia, that the United Nations, including its subsidiary organs, is exempt from all direct taxes, except charges for utilities services, and is exempt from customs duties and charges of a similar nature in respect of articles imported or exported for its official use. In the event any governmental authority refuses to recognize UNDP's exemption from such taxes, duties or charges, the Supplier shall immediately consult with UNDP to determine a mutually acceptable procedure.
 - 3.2 Accordingly, the Supplier authorizes UNDP to deduct from the Supplier's invoice any amount representing such taxes, duties or charges, unless the Supplier has consulted with UNDP before the payment thereof and UNDP has, in each instance, specifically authorized the Supplier to pay such taxes, duties or charges under protest. In that event, the Supplier shall provide UNDP with written evidence that payment of such taxes, duties or charges has been made and appropriately authorized.

4. RISK OF LOSS

Risk of loss, damage to or destruction of the goods shall be governed in accordance with Incoterms 2010, unless otherwise agreed upon by the Parties on the front side of this Purchase Order.

5. EXPORT LICENCES

Notwithstanding any INCOTERM 2010 used in this Purchase Order, the Supplier shall obtain any export licences required for the goods.

6. FITNESS OF GOODS/PACKAGING

The Supplier warrants that the goods, including packaging, conform to the specifications for the goods ordered under this Purchase Order and are fit for the purposes for which such goods are ordinarily used and for purposes expressly made known to the Supplier by UNDP, and are free from defects in workmanship and materials. The Supplier also warrants that the goods are contained or packaged adequately to protect the goods.

7. INSPECTION

- 7.1 UNDP shall have a reasonable time after delivery of the goods to inspect them and to reject and refuse acceptance of goods not conforming to this Purchase Order; payment for goods pursuant to this Purchase Order shall not be deemed an acceptance of the goods.
- 7.2 Inspection prior to shipment does not relieve the Supplier from any of its contractual obligations.

8. INTELLECTUAL PROPERTY INFRINGEMENT

The Supplier warrants that the use or supply by UNDP of the goods sold under this Purchase Order does not infringe any patent, design, trade-name or trade-mark. In addition, the Supplier shall, pursuant to this warranty, indemnify, defend and hold UNDP and the United Nations harmless from any actions or claims brought against UNDP or the United Nations pertaining to the alleged infringement of a patent, design, trade-name or trade-mark arising in connection with the goods sold under this Purchase Order.

9. RIGHTS OF UNDP

In case of failure by the Supplier to fulfil its obligations under the terms and conditions of this Purchase Order, including but not limited to failure to obtain necessary export licences, or to make delivery of all or part of the goods by the agreed delivery date or dates, UNDP may, after giving the Supplier reasonable notice to perform and without prejudice to any other rights or remedies, exercise one or more of the following rights:

- 9.1 Procure all or part of the goods from other sources, in which event UNDP may hold the Supplier responsible for any excess cost occasioned thereby.
- 9.2 Refuse to accept delivery of all or part of the goods.
- 9.3 Cancel this Purchase Order without any liability for termination charges or any other liability of any kind of UNDP.

10. LATE DELIVERY

Without limiting any other rights or obligations of the parties hereunder, if the Supplier will be unable to deliver the goods by the delivery date(s) stipulated in this Purchase Order, the Supplier shall (i) immediately consult with UNDP to determine the most expeditious means for delivering the goods and (ii) use an expedited means of delivery, at the Supplier's cost (unless the delay is due to Force Majeure), if reasonably so requested by UNDP.

11. ASSIGNMENT AND INSOLVENCY

- 11.1. The Supplier shall not, except after obtaining the written consent of UNDP, assign, transfer, pledge or make other disposition of this Purchase Order, or any part thereof, or any of the Supplier's rights or obligations under this Purchase Order.
- 11.2. Should the Supplier become insolvent or should control of the Supplier change by virtue of insolvency, UNDP may, without prejudice to any other rights or remedies, immediately terminate this Purchase Order by giving the Supplier written notice of termination.

12. USE OF UNDP OR UNITED NATIONS NAME OR EMBLEM

The Supplier shall not use the name, emblem or official seal of UNDP or the United Nations for any purpose.

13. PROHIBITION ON ADVERTISING

The Supplier shall not advertise or otherwise make public that it is furnishing goods or services to UNDP without specific permission of UNDP in each instance.

14. CHILD LABOUR

The Supplier represents and warrants that neither it nor any of its affiliates is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral or social development.

Any breach of this representation and warranty shall entitle UNDP to terminate this Purchase Order immediately upon notice to the Supplier, without any liability for termination charges or any other liability of any kind of UNDP.

15. MINES

The Supplier represents and warrants that neither it nor any of its affiliates is actively and directly engaged in patent activities, development, assembly, production, trade or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of Mines. The term "Mines" means those devices defined in Article 2, Paragraphs 1, 4 and 5 of Protocol II annexed to the Convention on Prohibitions and Restrictions on the Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects of 1980.

Any breach of this representation and warranty shall entitle UNDP to terminate this Purchase Order immediately upon notice to the Supplier, without any liability for termination charges or any other liability of any kind of UNDP.

16. SETTLEMENT OF DISPUTES

- 16.1 Amicable Settlement. The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of, or relating to this Purchase Order or the breach, termination or invalidity thereof. Where the Parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place in accordance with the UNCITRAL Conciliation Rules then obtaining, or according to such other procedure as may be agreed between the Parties.
- 16.2 Arbitration. Unless, any such dispute, controversy or claim between the Parties arising out of or relating to this Purchase Order or the breach, termination or invalidity thereof is settled amicably under the preceding paragraph of this Section within sixty (60) days after receipt by one Party of the other Party's request for such amicable settlement, such dispute, controversy or claim shall be referred by either Party to arbitration in accordance with the UNCITRAL Arbitration Rules then obtaining, including its provisions on applicable law. The arbitral tribunal shall have no authority to award punitive damages. The Parties shall be bound by any arbitration award rendered as a result of such arbitration as the final adjudication of any such controversy, claim or dispute.

17. PRIVILEGES AND IMMUNITIES

Nothing in or related to these General Terms and Conditions or this Purchase Order shall be deemed a waiver of any of the privileges and immunities of the United Nations, including its subsidiary organs.

18. SEXUAL EXPLOITATION:

- 18.1 The Contractor shall take all appropriate measures to prevent sexual exploitation or abuse of anyone by it or by any of its employees or any other persons who may be engaged by the Contractor to perform any services under the Contract. For these purposes, sexual activity with any person less than eighteen years of age, regardless of any laws relating to consent, shall constitute the sexual exploitation and abuse of such person. In addition, the Contractor shall refrain from, and shall take all appropriate measures to prohibit its employees or other persons engaged by it from, exchanging any money, goods, services, offers of employment or other things of value, for sexual favors or activities, or from engaging in any sexual activities that are exploitive or degrading to any person. The Contractor acknowledges and agrees that the provisions hereof constitute an essential term of the Contract and that any breach of this representation and warranty shall entitle UNDP to terminate the Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind.
- 18.2 UNDP shall not apply the foregoing standard relating to age in any case in which the Contractor's personnel or any other person who may be engaged by the Contractor to perform any services under the Contract is married to the person less than the age of eighteen years with whom sexual activity has occurred and in which such marriage is recognized as valid under the laws of the country of citizenship of such Contractor's

personnel or such other person who may be engaged by the Contractor to perform any services under the Contract.

19.0 OFFICIALS NOT TO BENEFIT:

The Contractor warrants that no official of UNDP or the United Nations has received or will be offered by the Contractor any direct or indirect benefit arising from this Contract or the award thereof. The Contractor agrees that breach of this provision is a breach of an essential term of this Contract.

20. AUTHORITY TO MODIFY:

Pursuant to the Financial Regulations and Rules of UNDP, only the UNDP Authorized Official possess the authority to agree on behalf of UNDP to any modification of or change in this Agreement, to a waiver of any of its provisions or to any additional contractual relationship of any kind with the Contractor. Accordingly, no modification or change in this Contract shall be valid and enforceable against UNDP unless provided by an amendment to this Agreement signed by the Contractor and jointly by the UNDP Authorized Official.