



Republic of the Philippines  
DEPARTMENT OF HEALTH  
OFFICE OF THE SECRETARY  
**PURCHASE ORDER**

**Procurement of Quadcopter Drone with Computer Tablet and other Accessories**

IB No. 2019-266

Supplier:	<b>MAXIMUM SOLUTIONS CORPORATION</b>	PO No.:	<b>GOP-2019-09-128</b>
Address:	395 Sen. Gil Puyat Ave., Makati City	Date:	<b>OCT 29 2019</b>
Telephone No.	02-899-7853, 02-403-0727 and Fax No. 02-750-0055	Mode of Procurement:	Competitive Bidding
TIN	210-223-725-000		

Sir/Madam:	Please furnish this office of the following articles subject to the terms and conditions contained herein:		
Place of Delivery:	DOH Central Office Warehouse, Department of Health, San Lazaro Compound, Sta. Cruz, Manila	Delivery Term:	
Date of Delivery:	- Delivery must be completed and accepted including request for payment with complete documents not later than 15 April 2020 due to cash-Based Budgeting.	Mode of Payment:	Upon Delivery and Acceptance

Lot No.	Unit	Description	Quantity	Amount
1	Lot	<p><b>Quadcopter Drone with Computer Tablet and other Accessories</b></p> <p><b>1.1 Air Craft - 18 Units</b></p> <p><b>Name of Manufacturer:</b> DJI</p> <p><b>Country of Origin:</b> Philippines</p> <p><b>Brand:</b> DJI</p> <p><b>Model:</b> Mavic 2 Pro</p> <p><b>A. Detailed Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>Maximum Speed (near sea level, no wind): 72 kph</li> <li>Maximum Service Ceiling Above Sea Level: 6,000m</li> <li>Maximum Flight Time (no wind): 31 Minutes</li> <li>Maximum Hovering Time (no wind): 29 minutes</li> <li>Maximum Flight Distance (no wind): 18 km</li> <li>Maximum Wind Speed Resistance: 38Kph</li> <li>Maximum Angular Velocity: 200°/s</li> <li>Operating Frequency: 2.400-2.483GHz; 5.725-5.850Ghz</li> <li>GNSS: GPS+GLONASS</li> <li>Viewer finder frame coverage: 95% horizontal, 95% vertical (approx.)</li> <li>Interface: HDMI output</li> <li>Internal Storage: 8 GB;</li> <li>External Storage Support: Micro SD up to 128GB and R/W speed up to UHS-I Speed Grade 3</li> <li>Obstacle sensing: forwards, backwards, top, bottom, left and right</li> <li>Remote Controller: Operating frequency: 2.400-2.483 GHz; 5.725-5.850 GHz</li> <li>Power: 3850 mAh LiPo rechargeable battery</li> </ol> <p><b>B. Camera</b></p> <ol style="list-style-type: none"> <li>1" CMOS; Effective Pixels: 20 million</li> <li>Lens: FOV: about 77°; aperture: f/2.8-f/11</li> <li>ISO Range: Video: 100-6400; Photo: 100-3200 (auto); 100-12800 (manual)</li> <li>Still Image Size: 5472x3648</li> <li>Maximum Video Bitrate: 100 Mbps</li> <li>Color Mode: Dlog-M (10-bit), support HDR video (HLG 10bit)</li> <li>Supported File System: FAT32 (32GB), ex FAT (&gt;32GB)</li> <li>Photo Format: JPEG/DNG (RAW)</li> <li>Video Format: MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)</li> <li>Still Photography Modes: Single Shot, Burst shooting: 3/5 frames, Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7. EV Bias, Interval (JPEG: 3/5/7/10/15/20/30/60s, RAW: 5/7/10/15/20/30/60s)</li> <li>Video Resolution: 4K: 3840x2160 24/25/30p; 2.7K: 2688x1512 24/25/30/48/50/60s; FHD: 1920x1080 24/25/30/48/50/60/120p</li> </ol> <p><b>C. Accessories</b></p> <ol style="list-style-type: none"> <li>Extra batteries (2 per UAV) - 36 pcs</li> <li>Car charger - 18 pcs</li> <li>Battery charging hub - 18 pcs</li> <li>Battery-to-Power Bank adapter - 18 pcs</li> <li>Two (2) Pairs of Low-Noise (spare) Propellers - 72 pcs</li> <li>Shoulder Bag for carrying aircraft, remote controller and all accessories - 18 pcs</li> <li>Micro SD card: 64GB UHS-I Speed, Grade 3 (U3) &amp; Class 10; Read/Write Speed: 100Mbps/60Mbps - 18 pcs</li> </ol> <p><b>1.2 - Computer Tablet - 18 Units</b></p> <p><b>Name of Manufacturer:</b> Apple</p> <p><b>Country of Origin:</b> Philippines</p> <p><b>Brand:</b> Apple</p> <p><b>Model:</b> Ipad Mini5</p> <p><b>A. Detailed Technical Specifications:</b></p>	1	2,786,040.00



Republic of the Philippines  
DEPARTMENT OF HEALTH  
OFFICE OF THE SECRETARY  
PURCHASE ORDER

Procurement of Quadcopter Drone with Computer Tablet and other Accessories

IB No. 2019-266

Supplier: **MAXIMUM SOLUTIONS CORPORATION** PO No.: **GOP-2019-09-128**  
Address: 395 Sen. Gil Puyat Ave., Makati City Date: **OCT 29 2019**  
Telephone No. 02-899-7853, 02-403-0727 and Fax No. 02-750-0055 Mode of Procurement: Competitive Bidding  
TIN 210-223-725-000

Sir/Madam:

Please furnish this office of the following articles subject to the terms and conditions contained herein:

1. Display: 7.9-inch (diagonal) LED backlit Multi-Touch Display; 2048x1536 resolution
2. CPU: A8 chip with 64-bit architecture
3. Camera: 8MP, autofocus, face detection, photo tagging; Video Recording: 1080p HD video recording (30 fps); 1.2 MP selfie camera
4. Connectivity: Bluetooth 4.2, Wi-Fi (802.11a/b/g/b/ac); dual band (2.4GHz and 5GHz); 3G/LTE (Nano Sim)
5. Storage: 32GB, 2GB RAM
6. Sound: Stereo speakers; 3.5mm jack
7. Sensors: accelerometer, gyro, compass, barometer
8. Power: rechargeable Li-Ion battery; charger and charging cable included
9. GNSS GPS, GLONASS

**1.3 - Other Accessories - 1 Lot**

Name of Manufacturer: DJI

Country of Origin: Philippines

Brand: DJI

Model: DJI Phantom 4 Pro v2.0 Accessories

**A. Detailed Technical Specifications:**

1. Quadcopter Remote controller for DJI Phantom 4 Pro v2.0 - 1 Unit
  - a. No built-in display
  - b. With mobile device holder
2. Original and branded Intelligent Flight Battery compatible to DJI Phantom 4 Pro v2.0 - 2 units
  - a. Capacity: 5870 mAh
  - b. Battery type: LiPo 4S
3. Original and branded Charging hub for the Intelligent Flight Battery - 1 Unit
  - a. Able to charge 3 Intelligent Flight

**Additional Requirement to be attached with this form:**

1. Sworn Statement using the prescribed form in Section VIII. Bidding forms
2. Brochure

**The inspection and tests that will be conducted are:**

1. Upon delivery, the Goods shall undergo preliminary physical inspection by the Inspection Team of the PROCURING ENTITY to ascertain the physical condition and acceptability of the Goods.
2. The supplier shall promptly replace the equivalent quantity of Goods taken as samples without cost to the PROCURING ENTITY.

**Purpose:** Will be used to capacitate HFEPs Performance Management Unit personnel nationwide and strengthen their project monitoring capabilities.

Note: Subject to the conditions stated in the Bidding Documents

PS / COBAC  
RELEASED: PO / CONTRACT

by: *[Signature]*  
Date: **DEC 09 2019**

PS / COBAC  
APPROVED PO / CONTRACT

Received by: *[Signature]*  
Date: **DEC 09 2019**

Two Million Seven Hundred Eighty-Six Thousand Fourty Philippine Pesos

2,786,040.00

**Liquidated Damages (Section 68 of the Revised IRR of RA9184):** All contracts executed in accordance with the Act and this IRR shall contain a provision on liquidated damages which shall be payable by the contractor in case of breach thereof. For the procurement of Goods, Infrastructure Projects and Consulting Services, the amount of liquidated damages shall be at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Entity may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances.

**Warranty (Section 62 of the Revised IRR of RA 9184):** In order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of three (3) months, in the case of Expendable Supplies, or a minimum period of one (1) year, in the case of Non-expendable Supplies, after acceptance by the Procuring Entity of the delivered supplies. The obligation for warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but shall not exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period, or, in the case of Expendable Supplies, after consumption thereof: Provided, however, that the supplies delivered are free from patent and latent defects and all the conditions imposed under the contract have been fully met.

Conforme:

Signature Over Printed Name of Supplier

Date

By Authority of the Secretary of Health:

*[Signature]*  
ENRIQUE A. TAYAG, MD, PHSAE, FPFMSID, CESO III  
Director IV  
Knowledge Management and Information Technology Service

Fund Cluster:

ORS/BURS No.: **01 1001-2019-11-11088**

Funds Available:

Date of the ORS/BURS: **11-6**

Amount: **P 2,786,040.00**

Signature over Printed Name of Chief Accountant/Head of Accounting

*[Signature]*  
**LORICA C. RABAGO, CPA, MM**

dmd  
09052019

Chief Accountant

**CAF#1284**

Building 1, San Isidro Compound, Rizal Avenue, Sta. Cruz, 1003 Manila • Trunk Line 651-7800 local 1108, 1111, 1112, 1113  
Direct Line: 02-9502; 711-9503 Fax: 743-1829 • URL: <http://www.doh.gov.ph>; e-mail: [fdudque@doh.gov.ph](mailto:fdudque@doh.gov.ph)