



## Bid Notice Abstract

### Request for Quotation (RFQ)

**Reference Number** 8801715  
**Procuring Entity** PROVINCE OF BENGUET  
**Title** PURCHASE OF ONE (1) UNIT CAMERA, DRONE BY PDRRMO  
**Area of Delivery** Benguet

<b>Solicitation Number:</b> SV-1072-22	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b> Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b> Negotiated Procurement - Small Value Procurement (Sec. 53.9)	<b>Bid Supplements</b>	0
<b>Classification:</b> Goods	<b>Document Request List</b>	5
<b>Category:</b> Photographic Equipment	<b>Date Published</b>	02/07/2022
<b>Approved Budget for the Contract:</b> PHP 200,000.00	<b>Last Updated / Time</b>	02/07/2022 00:00 AM
<b>Delivery Period:</b> 30 Day/s	<b>Closing Date / Time</b>	05/07/2022 08:30 AM
<b>Client Agency:</b>		
<b>Contact Person:</b> JULIE P. TABCAO BAC -GOODS SEC CHAIRPERSON Benguet Province, La Trinidad Benguet Philippines 2601 63-74-4222609 Ext.135 pgobacgoods@benguet.gov.ph		

#### Description

PURCHASE OF ONE (1) UNIT CAMERA, DRONE

Please refer to attached Request for Quotation

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#### Other Information

Download the attached RFQ and Memorandum to Canvassers by clicking the figure opposite the Associated Components on this page then submit both documents at BAC Office, 2nd floor, Capitol Building, La Trinidad or through e-mail at pgobacgoods@benguet.gov.ph

**Created by** Marie Claire Salbino Baldos  
**Date Created** 01/07/2022

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Republic of the Philippines  
**PROVINCE OF BENGUET**  
 La Trinidad  
**BIDS AND AWARDS COMMITTEE**  
**(GOODS AND SERVICES)**

Quotation No.: SV-1072-22 June 23, 2022  
 Purchase Request No.: 2022-06-1113 Date

**MEMORANDUM TO:**

Mr./Ms.: CHRISTOPHER P. MARIANO  
 (Canvasser)

Kindly provide appropriate dealers/ establishments copy of the attached request for quotation and/or solicitation to Bid for the One unit Camera, drone with an ABC of 200,000.00 to be used by PDRMO Their quotation /Bids shall be opened on July 05, 2022

NAME OF ESTABLISHMENT	ADDRESS	RECEIVED		
		Name	Signature	Date
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

MIRAN V. TONGAN, DVM  
 Chairperson

CERTIFICATION	CERTIFICATION
<p>I/We the undersigned, hereby jointly and severally certify to have given each of the above dealers/establishments a copy of the solicitation bid papers and submit their quotations before the time of opening of the same.</p> <p>CANVASSER/S:</p> <p align="center"> <u>CHRISTOPHER P. MARIANO</u>  <i>Signature over printed name/s</i> </p> <p>AJ</p>	<p>This is to certify that the RFQ received is a download copy and submitted through email / courier.</p> <p align="center"> <b>NOLI U. GUIAD</b>  <i>Administrative Officer V</i> </p>



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**BIDS AND AWARDS COMMITTEE**  
**(GOODS AND SERVICES)**

Purchase Request Number: **2022-06-1113**  
 Name of the Project: **One unit Camera, drone**  
 Location of the Project: **PDRRMO**  
 Account Code: **1-07-99-990**

Date: **June 23, 2022**  
 Quotation No.: **SV-1072-22**  
 CAFOA No.: **100220201845**  
 Appropriation No.: **22-02-002073**

## REQUEST FOR QUOTATION

Sir/Madam:

Kindly indicate your price quotation/s for the item/s listed below taking into consideration the specifications; submit this document duly signed by you or your authorized representative, to this office not later than 8:30 am on TUESDAY July 05, 2022 at the BAC Goods and Services Office, 2nd Floor, Capitol Building, La Trinidad, Benguet.

Indicate also the shortest delivery period should you opt to. You may fax your quotations through Telefax No. 074-422-2004 or thru e-mail at [pgobacgoods@benguet.gov.ph](mailto:pgobacgoods@benguet.gov.ph) or [bacgoodsbenguet@gmail.com](mailto:bacgoodsbenguet@gmail.com)

Should your quotation/s be found reasonable, procurement shall ensue. The Provincial Government however, reserves the right to accept or reject your offer or quotation/s if found not in order.

Thank you very much.

  
**MIR AM. IONGAI, DVM**  
 Chairperson

**REQUIREMENTS:**

1. This Request Form must be duly accomplished; all entries must be Typewritten or handwritten legibly and in pen.
2. Delivery period shall be within 30 calendar days.
3. Warranty shall be for a period of **three (3) months** for supplies and materials and **one (1) year** for equipment reckoned from the date of acceptance by the provincial government, through the Provincial General Services Office.
4. Price validity shall be for a period of **120 calendar days**.
5. Documentary requirements **to be submitted with this RFO:**
  - a. Mayor's/ Business Permit (**proof of renewal if expired**)
  - b. BIR Certificate of Registration
  - c. PhilGEPS Registration No. \_\_\_\_\_ (**kindly indicate**)
  - d. Lates Income/ Business Tax Return (**if the ABC is above Php 500,000.00**)  
*\* In lieu of a and c above, certified true copy of PhilGEPS Platinum membership may be submitted*
6. Submit original copy of complete (paragraphs 1 to 10) Omnibus Sworn Statement **within three (3) days from Notice of this Body if the aggregate total ABC of the items quoted exceeds Php 500,000.00**
7. The procuring entity reserves the right to waive any defects in the tender or offer as well as the right to accept the bid most advantageous to the provincial government.

**NOTE:**

- a. All erasures to be countersigned.
- b. Kindly seal this document upon submission to the BAC Goods and Services Office

Item No.	QTY	UNIT	ITEM & DESCRIPTION (SPECIFICATIONS)	BRAND/ OFFER/ COMPLIANCE TO SPECS.	UNIT PRICE	TOTAL	Approved Budget for the Contract (ABC)
1	1	unit	<b>CAMERA, DRONE</b>  <i>Key Specification</i> <b>- Aircraft</b> Takeoff Weight 895 g Dimensions (Folded/Unfolded) 221x96.3x90.3 mm (LxWxH) 347.5x283x107.7 mm (LxWxH) Diagonal Length 380.1 mm Max Ascent Speed 1 m/s (C mode) 6 m/s (N mode) 8 m/s (S mode) Max Descent Speed 1 m/s (C mode) 6 m/s (N mode) 6 m/s (S mode) Max Flight Time (at sea level, no wind) 5 m/s (C mode) 15 m/s (N mode) 19 m/s (S mode) Max Service Ceiling Above Sea Level 6000 m Max Flight Time (no wind) 46 minutes Max Hovering Time (no wind) 40 minutes Max Flight Distance 30 km Max Wind Speed Resistance 12 m/s				200,000.00



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**Name of the Project:** One unit Camera, drone  
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**Account Code:** 1-07-99-990

**Date:** June 23, 2022  
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	<b>Max Tilt Angle</b>	25° (C mode) 30° (N mode) 35° (S mode)
	<b>Max Angular Velocity</b>	200°/s
	<b>Operating Temperature</b>	-10° to 40° C (14° to 104° F)
	<b>GNSS</b>	GPS + Galileo + BeiDou
	<b>Hovering Accuracy Range</b>	Vertical: ±0.1 m (with Vision Positioning; ±0.5 m (with GNSS Positioning) Horizontal: ±0.3 m (with Vision Positioning; ±0.5 m (with High-Precision Positioning System)
	<b>Internal Storage</b>	8 GB (available space is approx. 7.2 GB)
	<b>- Hasselblad Camera</b>	
	<b>Sensor</b>	4/3 CMOS, Effective pixels: 20 MP
	<b>Lens</b>	FOV: 84° Format Equivalent: 24 mm Aperture: f/2.8 to f/11 Focus: 1 m to ∞ (with autofocus)
	<b>ISO Range</b>	Video: 100-6400 Still Image: 100-6400
	<b>Shutter Speed</b>	Electronic Shutter: 8-1/8000 s
	<b>Max Image Size</b>	Main Unit: 5280x3956
	<b>Still Photography Modes</b>	Single shot: 20 MP Photos AEB: 20 MP, 3/5 bracketed frames at 0.7 EV Burst shooting: 20 MP, 3/5/7 Timed: 20 MP, 2/3/5/7/10/15/20/30/60 s
	<b>Video Resolution</b>	H.264/H.265 5.1K: 5120x2700@24/25/30/48/50fps DCI 4K: 4096x2160@24/25/30/48/50/60/120*fps 4K: 3840x2160@24/25/30/48/50/60/120*fps FHD: 1920x1080@24/25/30/48/50/60/120*fps
	<b>Max Video Bitrate</b>	H.264/H.265 Bitrate: 200 Mbps
	<b>Supported File System</b>	exFAT
	<b>Photo Format</b>	JPEG/DNG (RAW)
	<b>Video Formats</b>	MP4/MOV (MPEG-4 AVC/H.264, HEVC/H.265)
	<b>- Tele Camera</b>	
	<b>Sensor</b>	1/2-inch CMOS
	<b>Shutter Speed</b>	Electronic Shutter: 2-1/8000 s
	<b>Lens</b>	FOV: 15° Format Equivalent: 162 mm Aperture: f/4.4 Focus: 3 m to ∞
	<b>ISO Range</b>	Video: 100-6400 Still Image: 100-6400
	<b>Still Photography Modes</b>	Single shot: 12 MP Photos AEB: 12 MP, 3/5 bracketed frames at 0.7 EV Burst shooting: 12 MP, 3/5/7 Timed: 12 MP, 2/3/5/7/10/15/20/30/60 s
	<b>Video Resolution</b>	H.264/H.265 4K: 3840x2160@25/30/50fps FHD: 1920x1080@25/30/50fps
	<b>Digital Zoom</b>	4x
	<b>- Gimbal</b>	
	<b>Stabilization</b>	3-axis motorized (tilt, roll, pan)
	<b>Mechanical Range</b>	Tilt: -135° to 100° Roll: -45° to 45° Pan: -27° to 27°



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	Controllable Range      Tilt: -90° to 35° Pan: -5° to 5°		
	Max Control Speed (tilt)      100°/s Angular Vibration Range      ±0.007°		
	- Sensing Sensing System      Omnidirectional binocular vision system, supplemented with an infrared sensor at the bottom of the aircraft (Forward, Backward, Lateral, Upward, and Downward)		
	- Video Transmission Video Transmission System      O3+		
	Live View Quality      Remote Controller: 1080p@30fps/1080p@60fps Operation Frequency      2.400-2.4835 GHz 5.725-5.850 GHz		
	Max Transmission Distance      2.400-2.4835 GHz; 5.725-5.850 GHz (unobstructed, free of interference and aligned with controller)      FCC: 15 km CE: 8 km SRCC: 8 km MIC: 8 km		
	- Battery Capacity      5000 mAh Voltage      15.4 V Charging Voltage Limit      17.6 V Battery Type      LiPo 4S Energy      77 Wh Weight      335.5 g Charging Temperature      5° to 40° C (41° to 104° F)		
	- Storage SSD Specs      8 GB (available space is approx. 7.2 GB)		
	Camera basic package (in the box): -Aircraft x 1 - Remote Controller (RC) x 1 -RC Control Sticks (pair) x 1 - RC Cable (USB Type-C Connector) x 1 - RC Cable (Standard Micro-USB Connector) x 1 - RC Cable (Lightning Connector) x 1 - Intelligent Flight Battery x 3 - Low-Noise Propellers (pair) x 6 - Battery Charging Hub x 1 - 65W Portable Charger x 1 - Aircraft Storage Cover x 1 - ND Filters Set (ND4/8/16/32) x 1 - Convertible Carrying Bag x 1		
	Additional accessories: - 128 GB extreme microSD card for drones x 2 - Smartphone with the following specifications: - Size and Weight Height      159.85 mm Width      73.17 mm Thickness      7.49 mm (Black) Weight      About 173g - Storage RAM and ROM Capacities      8 GB + 128 GB RAM Type      LPDDR4x @ 2133 MHz, 2 x 16-bit ROM Specifications      UFS2.2		





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	<b>Phone Storage Card</b> Supported <b>USB OTG</b> Supported (Reverse charging supported) <i>- Display</i> <b>Size</b> 6.43 inches (16.33 cm) <b>Resolution</b> FHD+ (2400 x 1080) <b>Refresh Rate</b> 60 Hz <b>Brightness</b> 430 nits (normal mode) 600 nits (high brightness mode) <b>Panel</b> AMOLED (Rigid screen) <b>Cover Glasses</b> PMMA+PC <i>- Camera</i> <b>Rear</b> Main: 64 MP, f/1.7; FOV 79°; 6P lens; AF, open-loop motor used Monochrome: 2 MP, f/2.4; FOV 89°; 3P lens; FF Macro: 2 MP, f/2.4; FOV 89°; 3P lens; FF <b>Front</b> 16MP, f/2.4; FOV 79°; lens: 5P <i>- Video</i> <b>Rear</b> Rear camera supports 1080P@30 fps and 720P@30 fps. Video slow-motion: 720P@120 fps Video stabilization: EIS, 1080P@30 fps Video zoom: 1080P@30 fps <b>Front</b> Front camera supports 1080P@30 fps and 720P@30 fps. Video zoom or slow motion is not supported by the front camera. <i>- Chips</i> <b>CPU</b> Qualcomm Snapdragon™ 695 (SDM695) <b>CPU Speed</b> 8 cores, up to 2.2 GHz <b>Cores</b> <b>GPU</b> Adreno™ 619 @840MHz <i>- Battery</i> <b>Battery</b> 4385 mAh/16.96 Wh (Rated value) 4500 mAh/17.41 Wh (Typical value) <b>Fast Charge</b> SUPERVOOC™: Supported <i>- Biometrics</i> <b>Fingerprint</b> Supported <b>Facial Recognition</b> Supported <i>- Sensors</i> Geomagnetic sensor Proximity sensor Optical sensor Accelerometer Gravity sensor Gyroscope Pedometer <i>- Cellular Network</i> <b>SIM 2</b> Supported <b>SIM Card Type</b> Nano-SIM card <b>Frequency Band</b> <b>SIM card 1 &amp; SIM card 2:</b> 2G: GSM 850/900/1800/1900 3G: UMTS(WCDMA) bands 1/2/5/6/8/19 4G: LTE FDD bands 1/3/5/7/8/28A 4G: TD-LTE bands 34/38/39/40/41 5G: n1/n8/n28A/n41/n77/n78 <i>- Connectivity</i> <b>WLAN</b> Wi-Fi 5 (802.11ac), 802.11a/b/g/n; <b>Bluetooth Version</b> Bluetooth v5.1 <b>USB Interface</b> USB Type-C <b>Earphone Jack</b> 3.5mm		
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	NFC	Supports Android Beam, HCE, and UICC Multi-function NFC: HCE and NFC-SIM		
	- Operating System	ColorOS 12		
	- In the Box			
	Phone x 1	Protective case x 1		
	USB cable x 1	Safety guide x 1		
	Charger x 1	Quick start guide x 1		
	SIM ejector tool x 1	Warranty card x 1		
	- With minimum one (1) year warranty on labor and service.			
	<b>PDRRMO</b>			

**PURPOSE:** Acquisition of DRR/SRR equipment and accessories (such as but not limited to power generator sets, surveillance drone, chain saws, communication equipment, range finder, diving gears, etc. **200,000.00**

**DEALER'S OFFER (IF APPLICABLE)**  
 Brand and Model: \_\_\_\_\_ Warranty period for supplies & materials: \_\_\_\_\_  
 Delivery Period: \_\_\_\_\_ Price Validity Period: \_\_\_\_\_

**CANVASSERS:**  
**CERTIFICATION**  
 I hereby certify that I have personally conducted this canvass and that the price/s quoted is/are true and correct and the signature of the Representative of the establishment who submitted the quotation/s is/are genuine.

After having carefully read and accepted your terms and conditions, I hereby submit the above quotations for your appropriate action.

\_\_\_\_\_  
 (Name of Establishment per O.R. & address)

\_\_\_\_\_  
 (Signature over Printed Name of Owner/Representative)

\_\_\_\_\_  
 (Telephone/Cellphone Number or e-mail address)

\_\_\_\_\_  
 Date

**CHRISTOPHER P. MARIANO**  
**PRINTED NAME & SIGNATURE OF AUTHORIZED CANVASSER**