



Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 7950846
Procuring Entity MUNICIPALITY OF GERONA, TARLAC
Title Supply & Delivery of Professional Drone for Mapping, Surveying & Agricultural Application w/ Base Station, Gerona, Tarlac
Area of Delivery Tarlac

Solicitation Number:	MPDC-21-B-0144	Status	Active
Trade Agreement:	Implementing Rules and Regulations	Associated Components	1
Procurement Mode:	Public Bidding	Bid Supplements	0
Classification:	Goods	Document Request List	1
Category:	Photographic Equipment	Date Published	26/08/2021
Approved Budget for the Contract:	PHP 688,800.00	Last Updated / Time	26/08/2021 00:00 AM
Delivery Period:	30 Day/s	Closing Date / Time	02/09/2021 14:00 PM
Client Agency:			
Contact Person:	Michael Imperial Fabros Administrative Aide Gerona, Municipal Hall Gerona Tarlac Philippines 2302 63-45-9313683 63-45-9313728 michael_fabros@yahoo.com		

Description

Professional Drone for Mapping, Surveying & Agricultural Application w/ Base Station

CAMERA

Sensor: 1-inch CMOS; Effective Pixels-20M
 Lens: FOV 84° 8.8mm/24mm (35mm format equivalent) f/2.8-f/11 auto focus at 1m-∞
 ISO Range: Video: 100-3200 (Auto), 100-6400 (Manual)
 Photo: 100-3200 (Auto), 100-12800 (Manual)
 Mechanical Shutter Speed: 8-1/2000 s
 Electronic Shutter Speed: 8-1/8000 s
 Supported File Systems: FAT32 (≤32GB); exFAT (>32GB)
 Photo: JPEG, DNG (RAW), JPEG + DNG
 Video: MP4/MOV (AVC/H,264; HEVC/H,265)
 Supported SDCards: MicroSD Max Capacity-128GB
 Write Speed ≥15MB/s, Class 10 or UHS-1 rating required
 Operating Temperature Range: 32° to 104°F (0° to 40°C)

AIRCRAFT

Weight (Battery & Propellers Included): 1375g
 Diagonal Size (Propellers Excluded): 350mm
 GIMBAL
 Stabilization: 3-axis (pitch, roll, yaw)
 Controllable Range: Pitch: -90° to +30°
 Max Controllable Angular Speed: Pitch: 90°/s
 Angular Vibration Range ±0.02°
 Vision System: Forward, Backward & Downward Vision System
 Velocity Range: ≤50kph at 6.6ft. above ground
 GNSS

Single-Frequency, High Sensitivity GNSS Module: GPS+B

MAPPING FUNCTIONS

Mapping Accuracy: Meets the requirements of ASPRS
 Accuracy Standards for Digital Orthophotos Class III

INCLUSIONS

1x PR Pro RTK Quadcopter w/ RTK 2 GNSS Mobile Station Combo
 D-RTK 2 GNSS Mobile Station for P4 Pro
 Carrying Case
 4x Pair of Propeller Blades
 2x Intelligent Flight Batteries
 1x Intelligent Flight Battery Charging Hub
 1x Remote Controller w/ HD Display
 Gimbal Clamp
 AC Power Cable
 AC Power Adapter
 Micro-USB Cable
 USB Type-C Cable
 USB Type-C OTG Cable
 Mapping Software: Integrated w/ the System, Software as a Service (SaaS)
 Mapping Subscription (Cloud Storage & Processing)

Created by Michael Imperial Fabros
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