

PURCHASE ORDER

Supplier : **CERTEZA INFOSYS CORP.**

P.O. Number: 2022125876



02022125876004030D4F

Date : Dec 29, 2022

P.R. No. : 2022096282

Procurement mode: **Competitive Bidding**

Address : **Units 202, 204-206 VAG Building, Ortigas Avenue, Greenhills, San Juan City**

PhilGEPS Registration No. : 20070112085837714821

Tel./Fax No. : (02) 863-6158

Registration Certificate : SEC

Req. Office : **Provincial Environment and Natural Resources Office**

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

Date of Delivery : _____ Payment Term : **ON ACCOUNT**

Place of Delivery : **PGSO Warehouse**

Delivery Term: 20 Working Days

I.N.	Quantity/Unit	Item	Unit Cost	Amount
1	1.00 SET	MULTISPECTRAL DRONE & ACCESORIES GNSS • Single-Frequency High-Sensitivity GNSS • GPS + BeiDou + Galileo[2] (Asia); GPS + GLONASS + Galileo[2] (other regions) • Multi-Frequency Multi-System High-Precision RTK GNSS • Frequency Used GPS: L1/L2; GLONASS: L1/L2; BeiDou: B1/B2; Galileo[2]: E1/E5 First-Fixed Time: < 50 s • Positioning Accuracy: Vertical 1.5 cm + 1 ppm (RMS); Horizontal 1 cm + 1 ppm (RMS). • Velocity Accuracy: 0.03 m/s CAMERA • Sensors: Six 1/2.9" CMOS, including one RGB sensor for visible light imaging and five monochrome sensors for multispectral imaging. Each Sensor: Effective pixels 2.08 MP (2.12 MP in total) • Filters: Blue (B): 450 nm ± 16 nm; Green (G): 560 nm ± 16 nm; Red (R): 650 nm ± 16 nm; Red edge (RE): 730 nm ± 16 nm; Near-infrared (NIR): 840 nm ± 26 nm • Lenses: FOV (Field of View): 62.7° Focal Length: 5.74 mm (35 mm)	465,000.00	465,000.00

FOR LAND MANAGEMENT PROJECT IMPLEMENTATION

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed.

I hereby conform that NOTICE TO DELIVER shall be served to the PLACE OF DELIVERY stated herein three (3) days before the actual delivery of the item/s covered by this Purchase Order.

Conforme : Reynaldo R. Adorador
REYNALDO R. ADORADOR
 (Signature over printed name)

 3/29/23
 (Date)

Very truly yours,
 By the Authority of the Governor: **EDWIN L. JUBAHIB**
 Governor

ENGR. JOSE JEAN R. RABANOZ, MPA, EnP
 Provincial Administrator

NOTE: This is an important paper and will cause great inconvenience if lost. Claim for payment from the Provincial Treasurer supported by this form to be attached to the voucher.

JHONABELLE G. CASINTAHAN

CERTIFIED EMAIL : COPY

JHONABELLE G. CASINTAHAN
 Administrative Aide I

Province of Davao del Norte
Municipal Office, Mankilam, Tagum City

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- format equivalent: 40 mm), autofocus set at 8
- Aperture: f/2.2
- RGB Sensor ISO Range: 200 - 800
- Monochrome Sensor Gain: 1 - 8x
- Electronic Global Shutter: 1/100 - 1/20000 s (visible light imaging); 1/100 - 1/10000 s (multispectral imaging)
- Remote Controller
- Operating Frequency: 2.4000 GHz to 2.4835 GHz (Europe, Japan, Korea) 5.725 GHz to 5.850 GHz (Other countries/regions)
- [1]
- Transmission Power (EIRP): 2.4 GHz: < 20 dBm (CE / MIC / KCC), 5.8 GHz: < 26 dBm (FCC / SRRC / NCC)
- Max Transmission Distance: FCC / NCC: 4.3 mi (7 km), CE / MIC / KCC / SRRC: 3.1 mi (5 km) (Unobstructed, free of interference)
- Built-in Battery: 6000 mAh LiPo 2S
- Operating Current / Voltage: 1.2 A @ 7.4 V
- Mobile Device Holder: Tablets and smartphones
- Supported SD Cards: microSD with a minimum write speed of 15 MB/s. Max Capacity: 128 GB. Class 10 or UHS-1 rating required
- Intelligent Flight Battery (PH4-5870mAh-15.2V)
- Capacity: 5870 mAh

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Josie R. Ramanoz
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Jhonabelle Casintahan
JHONABELLE CASINTAHAN
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- Voltage: 15.2 V
- Battery Type: LIPo 4S
- Intelligent Flight Battery Charging Hub
- Voltage: 17.5 V
- Mapping Functions
- Ground Sample Distance (GSD): (H/18.9) cm/pixel, H indicates the aircraft altitude relative to the area mapped (unit: m)
- Rate of Data Collection: Max operating area of approx. 0.63 km² for a single flight at an altitude of 180 m, i.e., GSD is approx. 9.52 cm/pixel, with a forward overlap rate of 80% and a side overlap ratio of 60%, during a flight that drains the battery from 100% to 30%.
- Hover Accuracy Range
- RTK enabled and functioning properly:
Vertical: ± 0.1 m; Horizontal: ± 0.1 m
- RTK disabled:
Vertical: ± 0.1 m (with vision positioning); ± 0.5 m (with GNSS positioning)
Horizontal: ± 0.3 m (with vision positioning); ± 1.5 m (with GNSS positioning)

Remarks :
FOR LAND MANAGEMENT PROJECT IMPLEMENTATION

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The award is based on Abstract No. 1120225572 created on November 18, 2022 and resolved on November 18, 2022 under Quotation No. 20227050B opened on November 17, 2022

FOR LAND MANAGEMENT PROJECT IMPLEMENTATION

Grand Total Amount in Words : FOUR HUNDRED SIXTY-FIVE THOUSAND AND XX / 100

GRAND TOTAL : **P 465,000.00**

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