



**Negotiated Procurement No. 2022-006(AMV)**

**NOTICE FOR NEGOTIATED PROCUREMENT**

The Department of Agriculture, Regional Field Office No. 6, Iloilo City invites all suppliers to participate in the **NEGOTIATION** for the **Procurement of Supply and Delivery of Unmanned Aerial System inclusive of Training and After Sales Service** with the following specifications:

**A. Two (2) Units 2-in-1 Multi-Rotor UAV (Spraying and Sowing)**

**i. Aircraft**

- Multi-purpose Drone model should be 2021 model and beyond
- Weight: minimum of 19kg
- Tank Capacity: minimum of 20L Payload
- Minimum of Four (4) Rotors
- Efficiency/hour: at least 8ha/hour
- Speed limit: at least 2 m/s
- Spray Width: at least 4m
- Flowrate: at least 4L/minute
- Applicable materials:
  - Sprayer: liquid materials and wettable/soluble powder
  - Spreader: solid dry particles ranged from 0.5 to 5mm diameter
- Battery: minimum of 20,000 mAh

**ii. Obstacle Avoidance Radar with FPV Camera x**

**iii. With RTK and Terrain following Module**

**iv. Smart RC Controller**

**v. Two (2) pcs. Extra Intelligent Batteries with One (1) Charger per unit**

**vi. Inclusive of 1-week Training for 2 persons/team by the manufacturer recognized Training Partner**

**B. Six (6) Units Quadcopter UAV for Video Documentation (Rapid Deployment)**

**i. Aircraft**

- Weight (Battery and Propellers included): 595g minimum
- Max Speed:
  - Ascent: at least 6 m/s
  - Descent: at least 6 m/s
- Max Takeoff Altitude: at least 5000m
- Max Flight Time: Approx. 31 minutes minimum
- GPS Mode: GPS+GLONASS+GALILEO

**ii. Gimbal**

- Controllable range: Pitch: -90° to +24°
- Stabilization: 3-axis (tilt, roll, pan)

**iii. Camera**

- Sensor: 1” CMOS, Effective pixels: 20MP
- Lens: FOV 84° 22 mm (35mm format equivalent) f/2.8-f/11 auto focus at 0.6 m-∞
- Image Max Size: 5472x3648
- Photo: JPEG, DNG (RAW), JPEG + DNG
- Video: MP4/MOV (AVC/H.264; HEVC/H.265)
- Supported SD Card Types: Micro SD Max Capacity: 128 GB, Class 10



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Western Visayas

- iv. **Remote Controller**
  - Max Transmission Distance: FCC Compliant: 12km; CE Compliant: 8km
  - Transmitter Power (EIRP): FCC:  $\leq 26$  dBm; CE:  $\leq 20$  dBm
- v. **Battery Charger**
  - Battery: minimum of 3750 mAh, LiPo 3S
  - Charging Voltage Limit: 13.2 V
  - Rated Power: 38 W
- vi. **With at least 4-way Obstacle Sensing**
- vii. **Intelligent Flight View Software**
- viii. **Multi-Function Bag**
- ix. **Two (2) pcs. Extra Intelligent Flight Battery and Two (2) sets propeller per unit**

**C. One (1) Unit Ground Control Laptop**

- CPU: Intel Core i7-11800H
- Memory: at least 16GB RAM Memory
- Storage 1: at least 1TB PCIe M.2 SSD
- Storage 2: Open Slot M.2 2242
- Graphics: RTX 3070 GDDR6 8GB
- Screen Size: 15.6"
- Panel: IPS
- Resolution: Full HD
- Refresh Rate: 165Hz
- Battery: 4 Cell 60Wh
- Special Ft.: Wifi 6
- OS: Windows 11 Home SL
- With Microsoft Office
- With complete accessories for UAV Flight
- With Mission Planner Software

**Additional Requirements:**

1. Supplier must have an active CAAP Operator Certificate for operating a drone business.
2. Supplier must have a certificate of authorized dealership and training partner of the manufacturer.
3. Supplier must have a certificate of commitment that the supplier will conduct training on the operation and deployment of the multipurpose drone.
4. Supplier must have a certificate of commitment that the supplier will assist in the acquisition of UAV Controller certificate and unit registration from CAAP.
5. Supplier must have documentary proof showing at least one (1) year of experience on the use of drones for agriculture purposes and must present a hardcopy of a manual on the use of drones for agriculture in the Philippines.
6. Must have documentary proof showing at least one (1) year of experience in supporting and maintaining drones used in agriculture.
7. Multi-Purpose Drone must have an AMTEC test result.

**ABC: Three Million Eight Hundred Thousand Pesos (Php 3,800,000.00)**

Delivery period is required within **60 calendar days** from receipt of Notice to Commence and to be delivered at **DA Operations Building, BPI Compound, Pepita Aquino Avenue, Concepcion, Iloilo City.**

Interested Suppliers must submit Requirements for accreditation in order to participate in the negotiation for said procurement.

**Deadline for submission** of documents for accreditation and offer is on or before **1:00 P.M., October 24, 2022** at the **RCPC Library, DA-WESVIARC Compound, Brgy Buntatala, Jaro, Iloilo City.**



**REQUIREMENTS FOR ACCREDITATION**

**“Class A Documents”**

1. **Platinum PhilGEPS Certificate of Registration and Membership (including annexes).** In case of joint venture, each partner shall submit their respective PhilGEPS Certificate of Registration;

**Technical Documents**

2. **Statement of all its On-going Government and Private Contracts**, including contracts awarded but not yet started if any whether similar or not similar in nature and complexity to the contract to be bid.
3. **Statement of the Bidder’s Single Largest Completed Contract (SLCC) covering the period 2019 - present** that is similar to the contract to be bid;

The *two* statement shall include, for each contract, the following:

- 3.1) Name of Contract
- 3.2) Date of the Contract
- 3.3) Contract Duration
- 3.4) Owner’s Name and Address
- 3.5) Kind of Goods
- 3.6) Date of Delivery
- 3.7) The statements
  - 3.7.1 On-going Contracts – amount of contracts and value of outstanding contracts supported by:
    - Contract/PO
    - Notice of Award
    - Notice to Proceed issued by the Owner
    - Certificate of Accomplishment/Delivery Receipt signed by the owner or authorized representative (if applicable)
  - 3.7.2 SLCC
    - completed contract and whose value adjusted to current prices using the Philippine Statistics Authority (PSA) consumer price indices, must be, at least, fifty percent (50%) of the ABC. However, in the case Expendable supplies, said SLCC must be at least twenty-five (25%) of the ABC.
    - supported by contract/PO, end-user’s inspection and/or acceptance report or official receipt(s) or sales invoice issued for the contract, which shall be attached to the statement.

4. **Latest Income and Business Tax Returns per Revenue Regulations 3-2005;**
  - a) If the filing of the business and income tax returns is joint as in BIR Form No. 1701, the combined tax returns must be for the period ending December 31, 2021.
  - b) If the filing is not joint as in BIR Form No. 1702, the income tax return must be for the period ending December 31, 2021 and the business tax return must cover the 2<sup>nd</sup> quarter of 2022 or June 30, 2022.



**Class “B” Documents**

1. If applicable, valid Joint Venture Agreement (JVA) shall be submitted.
2. **Sworn Statement** by the prospective bidder or its duly authorized representative in the form prescribed by the GPPB as to the following:
  - a.) It is not “blacklisted” or barred from bidding by the GOP or any of its agencies, offices, corporations or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
  - b.) Sworn affidavit of the bidder that it is not related to the HOPE, members of the BAC, the TWG, BAC Secretariat, the head of the Project Management Office or end-user unit by consanguinity or affinity up to the third civil degree.

**Financial Envelope**

1. **Duly signed sealed canvass.**

**PETER S. SOBREVEGA, DVM**  
OIC - Regional Executive Director