



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE IX
Veterans Avenue Extension, Tetuan, Zamboanga City



Name of Procuring Entity : DPWH, Regional Office IX, Z.C. Request for Quotation (P.R. No.) : 24-11-235

Revised on: Date : December 4, 2024

Standard Form/Title : **REQUEST FOR QUOTATION** Office/End-User : Planning & Design Division

COMPANY NAME	:	
ADDRESS	:	
TEL. NO./FAX No	:	TIN :

Please quote your lowest price on the item(s) listed below, subject to the Terms and Conditions stated below and submit your quotation duly signed by your representative not later than 10:00 A.M. of _____ in the return envelope attached herewith, to the Procurement Unit, DPWH Regional Office IX, Veterans Avenue Extension, Tetuan, Zamboanga City.

TERMS and CONDITIONS :

- All entries must be typewritten or legibly written
- The delivery period **within 30 calendar days** upon receipt of the approved funded Purchase Order (P.O.). Administrative penalties pursuant to Sec. 69 of the Revised IRR-RA 9184 shall be imposed for non-delivery without valid reason
- Warranty shall be for a minimum of three (3) months for supplies & materials; one year for Equipment; 3 years IT Equipment from date of acceptance by the end-user.
- Price validity shall be for a period of sixty (60) calendar days.
- PhilG-EPS Registration Certificate, Mayor's Permit, DTI/SEC, Omnibus Sworn Statement (for above 50,000.00), Tax Clearance shall be attached upon submission of the quotation.**
- Bidders shall submit original brochures of the product .
- Please indicate the brand for each items being offered.
- The approved budget ceiling for this procurement is Php **646,000.00**


SORAYAH M. IBRAHIM, CESO IV
Assistant Regional Director
BAC Chairperson

ITEM NO.	ITEMS & DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1	Unmanned Aerial Vehicle/System (UAV/UAS/RPA) Multirotor Camera Drone	1	unit		
2	Laser Rangefinder	1	unit		
3	Handheld Global Positioning System (GPS) Device	2	unit		
4	Wheelmeter	1	unit		
	Please see specification attached.				
	~Nothing Follows~				
	Purpose: For the use in Feasibility Studies and Road Slope Management (Planning Section)				

Brand and Model : _____ Warranty : _____
Delivery Period : _____ Price Validity : _____

After having carefully read and accepted your General Conditions, I / We quote you on the item(s) at prices note above. If the space for Delivery Period, Warranty and Price Validity are left blank, it means that I concur with the Terms and Conditions specified by DPWH.

Tel. No. 993-3037

Printed Name / Signature / Date

Tel. No. / Cellphone No. / E-mail Address





Department of Public Works and Highways
BUREAU OF DESIGN
SURVEYS AND INVESTIGATION DIVISION
Standard Technical Specifications for
ENGINEERING SURVEY EQUIPMENT

Issue Date :	JAN 19 2023
Doc. Code	DPWH-BOD-SID-QMSF-13.c
Revision No.	3
Page No.	1 of 1

Name of Equipment: Unmanned Aerial Vehicle/System (UAV/UAS/RPA) Multirotor Camera Drone

Description:

A UAV with more than two rotors with fixed-pitch spinning blades that can generate lift and made to ascend, hover, or descend. This type of UAV/drone is used for documentation and project monitoring.

Main Equipment Components	Specification
Small UAV as defined by CAAP (Less than 7kgs in weight)	
Flight Endurance	20 minutes (min)
Wind Resistance	30 kph (min)
Photo Resolution	12 MP (min)
Video Resolution	Full HD: 1080p @ 60 fps or better
Storage	Micro SD
Control Range for Manual Control	1000 m (min)
Takeoff and Landing	Vertical
Environmental Protection	IP 43 or better

Accessories

- Manufacturer's Controller ✓
- 2 pcs Extra Batteries (min) ✓
- 1 pc USB Flash Drive (32 GB) (min) ✓
- 1 pc micro SD Card (16GB) (min) ✓
- 1 set Battery Charger ✓
- 1 set User Equipment Manual ✓

Other Requirements:

- With One (1) year warranty on factory defects ✓
- Actual demo of equipment prior to award ✓
- Supplier has personnel with RPA Controller Certificate issued by CAAP (Civil Aviation Authority of the Philippines)

Additional Notes:

1. Specifications of main equipment must be indicated or reflected in the original brochure, manual or technical papers that can be downloaded or reflected in the website of the manufacturer.
2. Accessories shall be noted "complied" on the bidding documents and shall be checked for compliance upon delivery.
3. Other Requirements shall be supported by Certificate/s or Documents supporting its compliance.
4. All technical specifications issued prior to the date of this issuance are considered invalid/obsolete

Prepared by:

JUMILAN U. YUSOP

Chief, Surveys and Investigation Division

Checked by:

EDWIN C. MATANGUIHAN

OIC-Director, Bureau of Design

Approved by:

MAXIMO L. CARVAJAL

Undersecretary, Information Management
and Technical Services

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Department of Public Works and Highways
BUREAU OF DESIGN
SURVEYS AND INVESTIGATION DIVISION
STANDARD TECHNICAL SPECIFICATION FOR
ENGINEERING SURVEY EQUIPMENT

Issue Date : **JAN 19 2023**
Doc. Code **DPWH-BOD-SID-QMSF-13.n**
Revision No. **3**
Page No. **1 of 2**

Name of Equipment: LASER RANGEFINDER

Description:

A laser rangefinder is a rangefinder that measures the distance to an object using a laser beam. The most common type of laser rangefinder works on the time of flight principle, which involves sending a laser pulse in a narrow beam towards an object and measuring the time it takes for the pulse to be reflected off the target and returned to the sender.

Main Equipment Components

Data Communication

Battery Type

Eye Safety

Dust and Water Protection

Optics

Display Type

Units

Measurement Range

Distance

Inclination

Azimuth

Accuracy

Distance

Inclination

Azimuth

Measurement Modes

Specification

Serial via wired RS232 (Standard) or ~~Wireless Bluetooth~~

(1) CRV3 or (2) AA

FDA Class 1 (CFR 21)

IP54

7x Magnification

LCD

Feet, Yards, Meters, and Degrees

1,000m (typical)

2,000m (max. to reflective target)

±90°

0 to 359.9°

±30cm (high quality target)

±1m (low quality target)

±0.25°

±1°

Horizontal Distance; Vertical Distance; Slope Distance
and Inclination (or Percent Slope); 3-point Flexible; Height
Routine with auto sequencing; and 2-shot Missing Line
Routine

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Accessories

• With complete set of accessories

• One (1) set User Manual

Other Requirements:

• With One (1) year warranty on factory defects

• With On-Field Training

• Actual demo of equipment prior to award

Additional Notes:

1. Specifications of main equipment must be indicated or reflected in the original brochure, manual or technical papers that can be downloaded or reflected in the website of the manufacturer.
2. Accessories shall be noted "complied" on the bidding documents and shall be checked for compliance upon delivery.
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SURVEYS AND INVESTIGATION DIVISION
STANDARD TECHNICAL SPECIFICATION FOR
ENGINEERING SURVEY EQUIPMENT

Issue Date : JAN 19 2023
Doc. Code DPWH-BOD-SID-QMSF-13.u
Revision No. 1
Page No. 1 of 1

Name of Equipment: HANDHELD GLOBAL POSITIONING SYSTEM (GPS) DEVICE

Description:

A handheld GPS device combines advanced geographic technology with a portable, user-friendly device for everyday usage. The handheld GPS device includes a variety of features, including navigation help; land-survey data and includes features that provide information about geographical locations such as national and historic sites.

Main Equipment Components

Display Resolution
Bright, Transreflective 65k TFT, Dual Orientation,
Touch Screen, Sunlight Readable
High-speed USB
Waypoints/Favorites/Locations
Routes
Track Log
Automatic Routing (turn by turn routing on rounds)
Electronic Compass with Tilt Compensated 3-axis
With Barometer Altimeter
Camera
Built-in Memory
With Built-in Integrated Speaker and Microphone
Accepts Data Card
Weight
Environmental Protection
Supported with Downloading Software

Specification

272x480 pixels
4000
200
10,000 points, 200 saved tracks
8MP with autofocus
3GB
350g (max) with included manufacturer's battery
IPX7 or better

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Other Requirements:

- With one (1) year warranty on factory defects

Additional Notes:

1. Specifications of main equipment must be indicated or reflected in the original brochure, manual or technical papers that can be downloaded or reflected in the website of the manufacturer.
2. Accessories shall be noted "complied" on the bidding documents and shall be checked for compliance upon delivery.
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