



Republic of the Philippines  
Department of Environment and Natural Resources  
**MIMAROPA Region 97b**



September 28, 2022

**MEMORANDUM**

**FOR :** **The Regional Executive Director**  
DENR MIMAROPA Region  
1515 L & S Building, Roxas Boulevard,  
Ermita, Manila

**THRU :** **The Assistant Regional Director**  
for Technical Services

**FROM :** **The OIC, PENR Officer**  
Odiongan, Romblon

**SUBJECT :** **REPORT ON THE PROCUREMENT OF EQUIPMENT**

Respectfully submitting the report and pertinent documents as Means of Verification (MOV) on the procurement of one (1) unit GNSS Real-Time Kinematics, Galaxy G2 with Mobile Cors and one (1) unit Smart Phone GPS Device (Blackview) for Mt. Guiting-Guiting Natural Park (MGGNP).

For information and record.

  
**ARNOLDO A. BLAZA, JR.**  




September 16, 2022

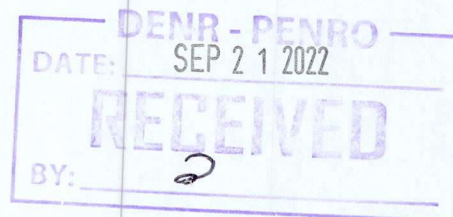
**MEMORANDUM**

FOR : The Regional Executive Director  
MIMAROPA Region

THRU : The ARD for Technical Services

: The PENR Officer  
Odiongan, Romblon

FROM : The Protected Area Superintendent  
Mt. Guiting-Guiting Natural Park



**SUBJECT : REPORT ON THE PROCUREMENT OF EQUIPMENT**

In connection with our target under A.03.d.1- Natural Resources Conservation and Development Program, we are respectfully submitting this report/MOV's for the procurement of one unit GNSS RTK, Galaxy G2 with Mobile Cors and one unit of Smart Phone GPS Device (Blackview), with attached documents, as follows:

Equipment Procured	Attached Documents
A. GNSS Real-Time Kinematics, Galaxy G2 with Mobile Cors	1. Property Acknowledgement Receipt
	2. Delivery Receipt
	3. Inspection and Acceptance Report
	4. Purchase Order
	5. Pictures
B. Smart Phone GPS Device (Blackview)	1. Property Acknowledgement Receipt.
	2. Delivery Receipt.
	3. Purchase Order.
	4. Inspection and Acceptance Report.
	5. Pictures.

For the procurement of Motor Vehicle/Pick-Up, the deadline for submission of Sealed Bids will be on September 22, 2022 at 12:00 noon and; likewise, the Bid Opening and Evaluation of Legal, Technical and Financial documents is set on the following day-September 23, 2022 at 1:00 in the afternoon.

For Information and Record.

**MALVIN R. ROCERO**





## PROPERTY ACKNOWLEDGMENT RECEIPT

Entity Name : DENR  
and Cluster: 101

PAR No.:

Quantity	Unit	Description	Property Number	Date Acquired	Amount
1	unit	GNSS Real-Time Kinematics ,Galaxy G2 with Mobile Cors		8/30/2022	720,000.00
		LEGENDL6U			
		Specifications:			
		GPS: L1, L2, L5			
		GLONAS: L1, L2			
		BDS: B1, B2, B3			
		QZSS: L1, L2, L5			
	measurements	SBAS: L1			
		Data Format: NMEA-0183			
		Differential format: RTCM 2.X, RTCM3.X			
		Positioning Rates:MAX 20Hz			
		Re-acquisition time: <1s			
		Cold Start:<40s			
		Autonomoous: Horizomtal 1.5m Vertical 3.0m			
		DGPS: Horizontal 0.4m Vertical 0.8m			
		Static: Horizontal 2.5mm + 0.1ppm			
	positioning	Vertical 5mm + 0.1ppm			
		Speed: 0.03m/s			
		RTK: Horizontal :8mm + 1 ppm			
		Vertical: 15mm +1ppm			
		Time: 20ns			
		Storage: 8gb Standard; up tp 32gb (optional)			
	data storage	Differantial: RTCM 2.3, RTCM3.X, RTCM3.2, CMR, CMR+			
		Data Security: Multi channel to store and back-up RTK measurement data			
		Bluetooth: V4.2 dual mode (BT/BLE)			
		E-bubble: Support			
		IMU: Up to 60°			
	communication	GSM: LTE-TDD/FDD/TD-SCDMA/UMTS/EVDO/CDMA1x/GSM			
		WIFI: 802.11 b/g/n			
		UHF: External radio:5W/35W Switchable			
		Internal radio: 1W/2W/3W Switchable			
		Frequency:410-470MHz			
		Protocol: TrimTalk, TrimMark3, SOUTH, PCC-EOT			
	battery	Capacity: 8.4V, 6800mAh			
		Battery Life: Typically >7h			



	Operating temp: -20°C+70°C			
	Storage Temp: -40°C+85°C			
Environmental	Humidity: 100%			
	Shockproof: Survive a 2m pole drop onto concrete			
	Ingress protection: IP67			
	Material: Magnesium alloy housing + ABS/PC top cover			
physical	Dimension: Ø130*110mm			
	Interface: OLED screen, 3LED indicators, 3 buttons, i-voice			
	L6U GNSS receiver: 1x			
accessories	Power Adapter: 1x			
	USB cable: 1x			
	Radio Antenna: 1x			
	GNSS Receiver (Rover)			
	SN: L6U91905023			
	GNSS Receiver (Ultimate) IMU			
	SN: L6U91905024			
	Alpha Geo Controller			
	SN: BA5200202205160302			
	Supplier: Ortizano Surveying Services			
	PO No: 2022-08-065			720,000.00
<b>Received by:</b>  <b>HERSALYN M. ROYO</b> AO I (Supply Officer I) <u>9/19/2022</u> Date		<b>Issued by:</b>  <b>MALVIN R. ROCERO</b> Chief, ITSD <u>9/19/2022</u> Date		



# ORTIZANO SURVEYING SERVICES

SURVEYING \* IMPORTER \* DISTRIBUTOR \* MANUFACTURER  
Former RTO UNIVERSAL SURVEYING INSTRUMENT TRADING  
1130 dos. Doscastillas St. Sampaio Bldg. Manila, Philippines  
Tel. 493-02-44  
Smart: 0920-959-5025  
Globe: 0905-176-9331

## DELIVERY RECEIPT

No. 0045

### SURVEYING SERVICES

Relocation Survey  
Topographic Survey  
Hydrographic Survey  
AS-BUILT Survey  
Consolidation  
Subdivision Survey

Billed to: DENR - PENRO  
Address: TABIN-DAGAT ODIDNGAN ROMBLON  
Bus. Style/Name: \_\_\_\_\_  
TIN: \_\_\_\_\_

Date: \_\_\_\_\_  
P.O no. 2022-08-065  
J.O no. \_\_\_\_\_  
Terms: \_\_\_\_\_

### WE ALSO SERVICE WHAT WE SELL

TOTAL STATIONS  
EDMs  
Theodolites  
Transits  
Auto-Levels  
Dumpy Levels

Brunton Compasses  
Survey Compasses  
Clinometers  
Agency Levels

Binoculars  
Prospecting Pick  
Hand Lens  
Surveyor's Rope

Fiberglass/Steel Tapes  
Leveling Rods  
Water Level Indicators

AND

CALIBRATION OF ALL SURVEYING INSTRUMENTS

QTY	ITEM NO	DESCRIPTION	UNIT PRICE	AMOUNT
1	1	GNSS RECEIVER (ULTIMATE) IMV		
1	2	GNSS RECEIVER (ROVER)		
4	3	LITHIUM ION BATTERY PACK 8.4V 8000MA		
2	4	LI-ION BATTER CHARGER		
2	5	GNSS ANTENNA CONNECTOR RUBBER DUCK		
2	6	CONNECTOR CHARGER		
1	7	ALPHA GED CONTROLLER		
1	8	CONTROLLER HOLDER		
1	9	MINI-USB CABLE		
1	10	MINI-USB DTA CABLE		
1	11	CHARGER OF CONTROLLER		
1	12	MINI POLE FOR BASE		
1	13	TRIBRACH		
1	14	TRIPOD		
TOTAL AMOUNT DUE				720,000.00

*Inspected: 8-30-2022*

Received the above merchandise in good order and condition.

5 P&S (50 x 7) Nos. 0061 - 0500  
BIR Authority to Print No.:  
Issued: Valid Until:  
Distor Printing Press, Inc. (CHIBMI)  
1435 E. Quirao St. St. Zone 49, Brgy. 499, Samp., Manila  
VAT Reg. TIN: 000-081-618-0000 Tel. No. 8741-1431  
Printer's Accreditation No. 032MP2018009090011  
Issued: 11-29-18 Date of expiration: 11-29-23

*Ronnie*  
**RONNIE ORTIZANO**  
CASHIER AUTHORIZED REPRESENTATIVE  
*MRS. ANITA P. POLO*  
CUSTOMER'S PRINTED NAME & SIGNATURE



## ORTIZANO SURVEYING SERVICES

**SURVEYING \* IMPORTER \* INDENTOR \* DISTRIBUTOR \* MANUFACTURER**  
Former RTO **UNIVERSAL SURVEYING INSTRUMENT TRADING**  
1130 dos. Descartillas St. Sampaloc Tamayo Bldg. Manila, Philippines  
Tel. 493-02-44  
Smart: 0920-959-5025  
Globe: 0905-176-9331

## SURVEYING SERVICES

## DELIVERY RECEIPT

Billed to: \_\_\_\_\_  
Address: \_\_\_\_\_  
Bus. Style/Name: \_\_\_\_\_  
TIN: \_\_\_\_\_

No. 0045

Date: \_\_\_\_\_  
P.O. no. \_\_\_\_\_  
J.O. no. \_\_\_\_\_  
Terms: \_\_\_\_\_

WE ALSO SERVICE  
WHAT WE SELL

## TOTAL STATIONS

CALIBRATION OF  
ALL SURVEYING  
INSTRUMENTS

[illegible]

Received the above merchandise in good order and condition

J. Elias, 150 x 21 Nov. 0501 - 0503  
 BR Authority to Print No.:  
 Issued: Valid Until:  
 Doctor Printing Press, Inc. (GHHBM)  
 1435 E. Quintos St., Zone 49, Bgey 499, Sampa, Manila  
 VAT Reg. TIN: 000-081-618-0900 Tel. No.: 8741-1431  
 Printer's Accreditation No. 032MP20180600060011  
 Issued: 11/29/18 Date of expiration: 11/29/23

CASHIER-AUTHORIZED REPRESENTATIVE

HERSALIN



## INSPECTION AND ACCEPTANCE REPORT

Entity Name : **DENR**

Fund Cluster : 101

Supplier : ORTIZANO SURVEYING SERVICES

PO No./Date : 2022-08-065 8/4/2022

Requisitioning Office/Dept. : \_\_\_\_\_

Responsibility Center Code : \_\_\_\_\_

IAR No. : \_\_\_\_\_

Date : \_\_\_\_\_

Invoice No. : \_\_\_\_\_

Date : \_\_\_\_\_

Quantity	Unit	Item Description	Cost	Total Cost
1		GNSS Receiver (Ultimate) IMU		720,000.00
1		GNSS Receiver (Rover)		
4		Lithium Ion Battery Pack 8.4V 8600MA		
2		Li-Ion Battery Charger		
2		GNSS Antenna Connector Rubber Dock		
2		Connector Charger		
1		Alpha Geo Controller		
1		Controller Holder		
1		Mini- USB Cable		
1		Mini- USB OTG Cable		
1		Charger of Controller		
1		Mini Pole for Base		
1		Tribrach		
1		Tripod		
1		3 Meters Range Pole		
1		Fiber Pole for Rover		
1		External Radio Harxon		
1		Connector for External Radio		
1		Steel Tape 5 Meters		
1		Extension Tribach Base		
1		External Antenna Radio		
1		Plate		
				720,000.00

## INSPECTION

## ACCEPTANCE

Date Inspected : August 30, 2022Date Received : 8-30-22
☒ Inspected, verified and found in order as to quantity and specifications

m/ lane

MA. CARMELA F. ARQUERO

Member

ON LEAVE

DOLLY JANE F. FALCUTILA

Vice-Chairperson

MONALIE G. FORLALES

Chairperson

JENNIFER R. LUCAS

Member

GEMMA F. FALLARIA

Member

☒ Complete

☐ Partial

HERSALYN M. ROYO

Supply Officer I



## PURCHASE ORDER

DENR-PENRO

Entity Name

Supplier: **ORTIZANO SURVEYING SERVICES**Address: **1130 Dos Castillas St. Sampaloc Manila**TIN: **275-109-889-000**PO No.: **2022-02-065**Date: **8/4/2022**

Mode of Procurement:

Gentlemen:

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

Place of delivery: **DENR PENRO Romblon**Date of delivery: **30 days**Delivery Term: **FOB Destination**Payment Term: **30 days**

Stock/ Property

No.

Unit

Quantity

Item Description

Unit Cost

Total Cost

1

Unit

1

**GNSS Real-Time Kinematics, Galaxy G2 with Mobile Cors**

720,000.00

720,000.

**Specifications:**

Internal Radio - 2Watts Minimum can reach up to 12 kilometers distance 860 channels

IP 68 Minimum (can be submerged to water for longer time with power on)

Bouyant

Must be detachable battery with LED Light Power Indicator

With NFC Function

Controller Range from Receiver could reach atleast 40 m

Magnesium Alloy Body

Branded insided and out can be used in all-weather situation

Software are free for use and install

Have free NTRIP/Mobile Cors/ Network RTKCan

Can use cellphone or any android phone as controller

Controller Software Controller must be free

- 16 GB Memory

- 2 Year Warranty

OLED Digital Survey for easy Configuration

GNSS Board must be owned manufactured board only (Minimum), Original Technology of the Brand.

**Controller Specifications**

5 inch sunlight readable HD touch screen

Octa-core 2.0 GHz CPU

Android 8.1 Operating System

4GB RAM + 64 GB ROM

5MP Front Camera and 13MP rear camera

IP68 certified grade, water/shock/dust proof

7000mAh battery

wi-fi, Bluetooth, NFC, 4G

USB Type-C

**Additional Technical Specifications:**

- High Precision Static (RMS)

- Horizontal 3 mm + 0.1 ppm

- Vertical 3.5 mm + 0.4 ppm

Static and Fast Static (RMS)

- Horizontal 3 mm + 0.1 ppm



150 Dos Castillas St. Sampaloc Manila

Date: 8/10/2022

Mode of Procurement:


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

Place of delivery: DENR PENRO Romblon Delivery Term: FOB Destination  
Date of delivery: 30 days Payment Term: 30 days

Stock/ Property No.	Unit	Quantity	Item Description	Unit Cost	Total Cost
			<b>Additional Accessories</b>		
		1	GNSS Receiver (Ultimate)		
		1	GNSS Receiver (Basic)		
		4	BN20 Battery		
		2	CN20 Charger		
		2	CN20 Charger Adapter		
		2	CN20 Charger Adapter Cable (A)		
		2	GNSS Antenna Connector		
		2	Height Measuring Accessory		
		2	420-470MHz Radio Whip Antenna (rubber duck)		
		1	Mini-USB Cable		
		1	Mini-USB OTG Cable		
		1	Carrying Case for Oscar Rover + Base		
		1	Quick Start Guide		
		1	Warranty Card		
		1	Metal Fixing Plate		
		1	30cm Extension Pole		
		1	Tape Measure		
		1	TC50 Controller		
		1	Stylus Pen for TC50		
		1	Controller Holder Pole Connector with compass		
		1	TC20 Controller Holder		
		1	TC50/20 Charger Adapter		
		4	TC50/20 Charger Adapter Plugs Types (A/C), (B), (N) and (E)		
		1	Tersus RTK Fiber Pole		
		1	Tribrach		
		1	Tribrach Adapter		
		1	Tripod		
<b>Total Amount in Words:</b>					<b>720,000.00</b>

In case of failure to make the full delivery within the time specified above, a penalty of 1/10 of one percent for every day of delay shall be imposed on the undelivered item/s.

Very Truly Yours,

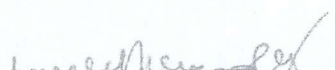
  
**ARNOLDO A. BLAZA JR.**  
PIO, PENR Officer

Conforme:

  
**ORTIZANO SURVEYING SERVICES**

08/10/22

(Date)

Recommending Approval:	Funds Cluster:	ORS/BURS No:
	Funds Available:	Date of the ORS/BURS:





















Unit 006 G/F Four M Square Building, Quirino High Way, Greater Lagro, Quezon City  
MELANIE P. PANGILINAN - Prop.

Unit 006 G/F Four M Square Building, Quirino High Way, Greater Lagro, Quezon City  
MELANIE P. PANGILINAN - Prop.

NO: ULY-2022-983

DATE: \_\_\_\_\_

**P.O No:** 2022-05-030

<b>PREPARED BY:</b>   ANGEL MARIE P. SALVADOR	<b>APPROVED BY:</b>   MELANIE P. PANGILINAN	Received the above items in good order and condition.  By:
---	---	--



## PURCHASE ORDER

DENR-PENRO

Entity Name

Supplier: ULY TECH TRADINGAddress: Odiongan, RomblonTIN: 196-696-427-000PO No.: 2022-05-030Date: 5/12/2022Mode of Procurement: Shopping 52.1.b

Gentlemen:

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

Place of delivery: DENR PENRO RomblonDelivery Term: FOB DestinationDate of delivery: within 30 daysPayment Term: 30 days

Stock/ Property No.	Unit	Quantity	Item Description	Unit Cost	Total Cost
1	Unit	1	<b>Rugged Phone</b> Features: Operating Temperature at -30 Oc -55 with IP68 & IP G9K MIL-STD-810G, Certified Dustproof and Waterproof	39,850.00	39,850.00

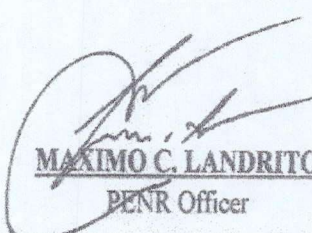
Total Amount in Words:

1cs

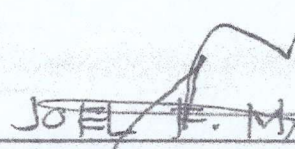
39,850.00

In case of failure to make the full delivery within the time specified above, a penalty of 1/10 of one percent for every day of delay shall be imposed on the undelivered item/s.

Very Truly Yours,

  
**MAXIMO C. LANDRITO**  
 PENR Officer

Conforme:

  
**JOEL F. MANILA**

ULY TECH TRADING

30 MAY 2022

(Date)

Recommending Approval:

Funds Cluster:

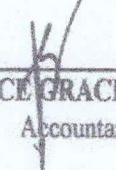
Funds Available:

ORS/BURS No:

Date of the ORS/BURS:

Amount:

  
**MALVIN R. ROCERO**  
 Chief, TSD

  
**FLORENCE GRACE F. DOMINGO**  
 Accountant III



## INSPECTION AND ACCEPTANCE REPORT

Entity Name :DENR

Fund Cluster : 101

Supplier : ULY TECH TRADING

PO No./Date : 2022-05-030 5/12/2022

Requisitioning Office/Dept. :

Responsibility Center Code :

IAR No. :

Date : \_\_\_\_\_

Invoice No. :

Date : \_\_\_\_\_

<i>Quantity</i>	<i>Unit</i>	<i>Item Description</i>	<i>Cost</i>	<i>Total Cost</i>
1	unit	Rugged Phone	39,850.00	39,850.0
		Features: Operating Temperature at -30 Oc -55		
		with IP68 & IP G9K MIL- STD- 810G,		
		Certified Dustproof and Waterproof		
				39,850.00

## INSPECTION

## ACCEPTANCE

Date Inspected : 6/10/2022

Date Received : 6/10/22

☒ Inspected, verified and found in order as to quantity and specifications)

MA. CARMELA F. AROUERO

Member

**DOLLY JANE F. FALCUTILA**

Vice-Chairperson

**JENNIFER R. LUCAS**

Member

**GEMMA F. FALLARIA**

Member

MONALIE G. FORLALES

Chairperson

☒ Complete

☐ Partial

HERSALIM. ROYO

Supply Officer I



