

Bids and Awards Committee
c/o BAC Secretariat
Department of Environment and Natural Resources
Regional Office No.5, Rawis, Legaspi City

5. Your prices must include the unit price and total price, inclusive of all taxes to be paid and other incidental cost to the delivery site if the contract is awarded.
6. All quotations may be typewritten and may be placed in sealed envelope marked "SUPPLY AND DELIVERY OF VARIOUS SERVICES" (RFQ No. 157-2021-SMD.)
7. Quotations shall be valid for sixty (60) calendar days from the deadline of submission.
8. The delivery period for items/services shall be within thirty (30) calendar days from receipt of the **Job Order (JO)** or in the case of catering services, on the date/s specified in the Request for Quotation (RFQ). The supplier/service provider shall inform the purchaser (DENR) at least three (3) days before the date of delivery. The delivery shall be made only during working days and hours, in case of supplies/materials/equipment.
9. DELIVERY SITE for Supplies/Materials/Equipment:

Procurement
Administrative Division
Department of Environment and Natural Resources
Regional Office No. 5, Rawis, Legaspi City
10. The Department of Environment and Natural Resources reserves the right to accept or reject any quotation, and to annul the Shopping/Small Value Procurement process or reject all quotations at any time prior to contract award, without thereby incurring any liability to the affected supplier/service provider. The purchaser (DENR) reserves the right to waive minor deviations/defects or infirmities therein. A minor deviation/defect or infirmity is one that does not materially affect the overall performance and functionality of the equipment and the capability of the supplier to perform the contract.
11. The prospective bidder shall submit the following:
 - a) Quotation Form
 - b) Technical Specification/Terms of Reference
 - c) Proof of PhilGEPS Registration
 - d) Proof of valid Mayor's Permit
 - e) Proof of DTI/SEC/CDA (in case of cooperatives) registration
 - f) Updated BIR Tax Clearance

ATTY. RONNEL C. SOPSOP
BAC Chairperson
DCV//ROS/lyn

Republic of the Philippines
Department of Environment and Natural Resources
Regional Office No. 5, Rawis, Legaspi City
TECHNICAL SPECIFICATIONS

All items listed under the purchasers' specifications must be complied on a pass-fail basis. Failure to meet any one of the requirements may result to rejection.

Item/s	Purchaser's Specifications	Bidder's Specifications
	RENTAL	
	V30 Plus GNSS RTK (1 Base 1 Rover) with 1 hand 30	
	Data Collector	
	Channels = 440 channels	
	GPS - L1, L2 L5	
	Beidou – B1, B2, B3	
	Glomass – E1, E5A, E5B	
	QZSS – L1, L2, L5	
	SBAS – L1	
	Bluetooth	
	Waterproof/Dustproof	
	OS – Android 6.0	
	Processor – MTK6737, 1.5 GHz, 4 Core	
	Storage – 16GB (up to 128GB external storage)	

Concessionaire's representative signature over printed name
Designation
Name of Company
Address
Tel & Fax No.

QUOTATION FORM

RFQ No. 157-2021
PR No. 2021-05-157-SMD

The Chairperson

Bids and Awards Committee
Department of Environment and Natural Resources
Regional Office No. 5
Rawis, Legaspi City

- 1) Having examined the subject Request for Quotation (RFQ) including the Technical Specifications, we, the undersigned offer to supply and deliver the following items (with our unit price and total price)

Item No.	Description	Number of Units	Unit Price	Total Price
	RENTAL			
	V30 Plus GNSS RTK (1 Base 1 Rover) with 1 hand 30	1 unt		
	Data Collector			
	Channels = 440 channels			
	GPS - L1, L2 L5			
	Beidou – B1, B2, B3			
	Glonass – E1, E5A, E5B			
	QZSS – L1, L2, L5			
	SBAS – L1			
	Bluetooth			
	Waterproof/Dustproof			
	OS – Android 6.0			
	Processor – MTK6737, 1.5 GHz, 4 Core			
	Storage – 16GB (up to 128GB external storage)			

Concessionaire’s representative signature over printed name
Designation
Name of Company
Address
Tel & Fax No.

Signature over printed name of Canvasser



Republic of the Philippines
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
TECHNICAL SERVICES
Rizal Street, Sagpon, Legazpi City

TERMS OF REFERENCE

RENTAL OF ONE (1) UNIT V30 PLUS GNSS RTK (1 BASE 1 ROVER) WITH 1 HAND 30 DATA COLLECTOR FOR THE SURVEY AND MAPPING DIVISION, DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES, REGION V, LEGAZPI CITY.

The Survey and Mapping Division, Technical Services, formerly Land Management Service of DENR V was mandated under DENR Administrative Order No. 2010-18, to formulate policies and develop system for the effective management of land records and information, the objective is to improve the services of the office into a uniform system pertaining to cadastral map, approved land survey plan, public land application and titles.

As per Special Order No. 2020-470 dated November 26 2020 which is "Defining the Internal Organization Set-Up of the DENR which is the Department is the Chairperson of Secretariat to the Inter-Agency Task Force Build Back better and its Organizational Structure which aim to serve as a central body to ensure the whole of government implementation and monitoring of post recoveries and rehabilitation. As a designated Focal Person of one of the Key Result Area (KRAs) on Recovery and Rehabilitation and Reconstruction and in pursuant to the EO No. 120, Series of 2020 the DENR Region 5 created the team to conduct Demarcation and Actual Survey of Rivers and Creeks along Bicol River Basin. The team aims to identify the 20 meters legal easement along the Rivers from the municipality of Bato and end to the municipality of Cabusao. The team will undertake the survey which covers 204.176 kilometers which starts to Bato, Baao, Nabua, Bula, Minalabac, Milaor, Naga City, Camaligan, Gainza, Pamplona, Canaman, Libmanan, Magarao Bombon, Calabanga and Cabusao. In order to ensure the expected result accurate, less error result , the team need to use the RTK to ensure its the accuracy hence this terms of reference. The RTK is badly needed and intended in the implementation of Demarcation and actual survey since it provides systematic result, precise and desired data for Land Survey which is the primary concern for the Demarcation of legal easement of 204.176 kilometers , 77 affected barangays and approximately 800 affected lots within the Bicol Region.

SPECIFICATIONS:

I UNIT GNSS RTK

BRAND/MODEL:

SATELLITE SIGNALS TRACKED SIMULTANEOUSLY

Channel-440 Channels; GPS-L1,L2,L5; Beidou-B1,B2,B3

Glonnas-L1,L2; Galileo-E1,E5A, E5B; QZSS-L1,L2,L5; SBAS-L1

POSITIONING PERFORMANCE HIGH-PRECISION STATIC GNSS

SURVEYING- Horizontal $-2.5\text{mm}+0.5\text{ppm RMS}$; Vertical $-5\text{mm} + 0.5 \text{ ppm RMS}$
REAL TIME KINEMATIC (RTK) SINGLE BASE
NETWORK RTK
COMMUNICATION- Bluetooth, 4G cellular mobile network
WIFI Frequency
PHYSICAL-Dimension 164mm x 83.5 mm; WEIGHT 31.4 kg, including Battery; DATA STORAGE 8G Internal storage; EXTERNAL POWER 6.28V DC External Power Input; 5 pin port over charge protection; Power Consumption 4.2W; CONTROL PANEL-Physical Button 1; LED Lamp Sattelite Signal,Power
ENVIRONMENT- Waterproof, dustproof IP 67, Shock and Vibration-Designed To survive a 2m natural fall onto concrete; Humidity-100% condensing; Operation Temperature $-45\text{C}+ 75\text{C}$; Storage Temperature $-55\text{C}+85\text{C}$

DATA CONTROLLER SPECIFICATIONS

HARDWARE CONFIGURATION- OS- ANDROID 6.0; PROCESSOR MTK6737, 1.5Ghz, 4 CORE; STORAGE-16GB (UP TO 128GB external storage) DISPLAY 3.7 640 X 480 SUNLIGHT READABLE; CAMERA 8MP TAG AVAILABLE; SENSORS: G-SENSOR, E-COMPASS, BAROMETER LIGHT FIELD SENSOR GYRO; OS-ANDROID 6.0
GNSS-GPS, GLONASS, AFPS, 20 CHANNELS
COMMUNICATION-Cellular Mode-Dual Sim Card, dual stand by; USB, CELLULAR MODE; CELLULAR NETWORK
POWER SUPPLY-Battery Duration -15 HOURS
-WITH COMPLETE ACCESORIES

TERMS AND CONDITION

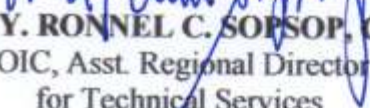
That the prospective bidder(s) must indicate his/her compliance in the submitted Bid of the following:

1. With One (1) Year Warranty on parts, its accessories and installation. The bidding winner shall ensure the equipment delivered must be free from all forms of defects and craftsmanship;
2. Equipment found to be defective after delivery should be replaced immediately by the winning bidder without any additional obligations from the Procuring Entity;
3. That the contractor shall provide an Authorized Service Center within the Bicol Region for the immediate repair or replacement of defective equipment. Repaired or replaced items shall have their warranty extended three (3) months or until the date when the original warranty period would have expired.

4. That technical support and training for the DENR personnel shall be provided by the winning bidder/company to ensure accurate uses of the surveying instruments, hence it will generate the desired and precise data for land survey and mapping.
5. Schedule of delivery of item shall be for a period of thirty (30) days upon issuance of Notice to Proceed.

ON PAYMENT

1. The period of Rental Agreement shall be for a period of three (3) months;
2. The DENR shall be the renter and the bidder shall be the Lessor
3. The DENR shall pay the rental to the Lessor every month thereafter provided the supplier have his Billing Statement submitted seven (7) days before the due date of receipt by the Renter of the billing notice (including all documentations)


ATTY. RONNEL C. SOPSOP, CESE
OIC, Asst. Regional Director
for Technical Services

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