



REQUEST FOR QUOTATION

Supply and Delivery of Sensors for Data Gathering on Atmospheric Conditions of RDE in MinSU Main Campus

PR No. 23-0046
RFQ No. 2023-11
ABC Amount: Php 407,770.00

Company Name : _____
Address : _____

Please quote your lowest price on the items / listed below, subject to the General Condition on the last page, stating the shortest time of delivery and submit your quotation duly signed by your representative not later than _____ in the address stated in the last page.

NEMESIO H. DAVALOS, Ph.D.
BAC Chairperson

- Note:
1. All entries must be typewritten.
 2. Delivery Period within ___calendar days.
 3. Warranty shall be for a period of six (6) months for supplies and materials, one (1) year for Equipment, from date of acceptance by the procuring entity.
 4. Price validity shall be a period of 30 calendar days.
 5. G-EPIS Registration Certificate shall be attached upon submission of the Quotation.
 6. Bidders shall submit Original Brochures showing certification of the product being offered (optional).
 7. Mode of delivery: [] Pick-up (Schedule) [] Door to Door Delivery

Item No.	Unit	ITEM AND DESCRIPTION	QTY.	UNIT PRICE	TOTAL AMOUNT
1	Pcs	WSS-06 Solar Radiation Sensor / Input	2		
		Power: DC 5- 24v			
		Interface: RS485			
		Detect Spectrum: 0.3-3µm (300-3000nm)			
		Measure strength range: 0-2000w/m2			
		Resolution: 0.1W/m2			
		Accuracy: ±3%			
		Yearly Stability: ≤±2%			
		Cosine response: ≤7% (@Sun angle 10°)			
		Temperature Effect: ±2% (-10°C- 40°C)			
		Working Temperature: -40°C- 70°C			
		Working Humidity: 10-90%RH			
		Power Consumption: 4mA @ 12v			
2	Pcs	WSS-02 Wind Direction Sensor	2		
		Wind Speed range: 0-30m/s			
		Wind direction range: 0-360°			
		Start wind speed: ≤0.3m/s			
		Accuracy: ± (0.3 + 0.03V) m/s, ±1°			
		Input Power: DC 5-24v			
		interface: RS485			
		Working Temperature: -30°C- 70°C			
		Working Humidity: <100%(no dewing)			
		Power Consumption: 13mA-12v			
		Cable Length: 2 meters			
3	pcs	Atmos 14WSS-05--	2		
		Temperature/Humidity/Illuminance/Pressure			
		Input Power: DC 12-24v			
		Interface: RS485			



		<i>Temperature Sensor spec; Range:-30-70°C</i>			
		<i>Resolution 0.1°C, Accuracy: ±0.5°C</i>			
		<i>Humidity Sensor Spec: Range: 0-100%RH</i>			
		<i>resolution 0.1%RH, Accuracy: 3% RH</i>			
		<i>Pressure sensor Spec: Range:10-1100hPa,</i>			
		<i>Resolution: 0.1hPa, Accuracy: ±0.1hPa</i>			
		<i>Illuminate sensor: Range;0-2/20/200kLux,</i>			
		<i>Resolution: 10Lux, Accuracy:±3% FS</i>			
		<i>Working Temperature:-30°C-70°C</i>			
		<i>Working Humidity: 10-90%RH</i>			
		<i>Power Consumption: 4mA @ 12v</i>			
4	pcs	LSPH01- LoRaWAN Soil pH Sensor/	2		
		<i>LoRaWAN 1.0.3 Class A</i>			
		<i>Ultra-low power consumption</i>			
		<i>Monitor soil PH with Temperature compensation.</i>			
		<i>Monitor soil temperature</i>			
		<i>Monitor Battery Level</i>			
		<i>Support pH calibration by end user</i>			
		<i>Bands:</i>			
		<i>CN470/EU433/KR920/US915/EU868/AS923/AU9</i>			
		<i>15/IN865</i>			
		<i>AT commands to change parameters</i>			
		<i>Uplink on periodically</i>			
		<i>Downlink to change configure</i>			
		<i>IP66 Waterproof Enclosure</i>			
		<i>IP68 rate for the Sensor Probe</i>			
		<i>8500mAh battery for long term use</i>			
5	pcs	DLOS8N Outdoor LoRaWAN Gateway	2		
		<i>Open Source Embedde Linux system</i>			
		<i>Managed by Web GUI, SSH via LAN or WiFi</i>			
		<i>SX1302 + 2*SX1250</i>			
		<i>Support Semtech UDP packet forwarder</i>			
		<i>Support LoRaWAN Station Connection</i>			
		<i>Auto-provision</i>			
		<i>Remote Monitoring</i>			
6	pcs	LoRa/LoRaWAN IoT V3	2		
		<i>Support multi-channel loRaWAN and Single-Channel LoRa</i>			
		<i>Support various network structures</i>			
		<i>LPS8v2 LoRaWAN Gateway</i>			
7	pcs	GSM Module/ Original SIM900A SIM900 MINI	2		
		<i>V.4 Wireless Data Transmission</i>			
		<i>Module GSM GPRS Board Kit w/ Antenna</i>			
		<i>C83 5v for Arduino uno mega nanotech circuit</i>			
8	pcs	GSM Power Supply	2		



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		12V 3.2A 40W Switch Power Supply Driver				
		Transformer for LED Light Strip 110-220V				
9	pcs	LPS8v2 Indoor LoRaWAN Gateway	4			
		LoRAWAN Gateway Open Source Debian System				
		SX1302 + 2*SX1250				
		10 programmable parallel demodulation paths				
		Pre-configured to support different LoRaWAN regional settings				
		Different kinds of LoRaWAN Connections				
		Data-Only Hotspot, Not suitable for Helium Mining				
10	pcs	SW3L LoRaWAN Outdoor Flow Sensor	2			
		LoRaWAN v1.0.3 Class A protocol				
		Monitor water waste				
		Upload water flow volume				
		Outdoor use				
		Remote configure parameters via LoRa Downlink				
11	pcs	BLG-AN-040 Glass fiber Outdoor Antenna	8			
		868-915Mhz glass Fiber Antenna designed for LoRa/ LoRaWAN application				
12	pcs	Arduino Shield featuring LoRa® technology	6			
		LoRa Expansion Board for arduino				
		Supports Arduino Leonardo, Uno, Mega, DUE etc.				
13	pcs	WSS-01- Rain Gauge	2			
		Resolution: 0.2mm				
		Accuracy: ±Rainfall strength: 0mm-4mm/min (max 8mm/min)				
		Input power: DC5-24v				
14	pcs	LSE01-LoRaWAN Soil Moisture & EC Sensor	2			
		LoRaWAN 1.0.3 Class A				
		Ultra Low power consumption				
		Monitor Soil Moisture				
		Monitor Soil Temperature Monitor Soil Conductivity Temperature Compensation				
		Bands: CN470/EU433/KR920/US915/EU868/AS923/AU915/IN865				
		AT Commands to change parameters				
		Uplink on periodically				
		Downlink to change configure				
		IP66 Waterproof Enclosure				
		4000mAh or 8500mAh Battery for long term use				
		TOTAL				

After having carefully read and accepted your General Condition, I / We quote you on the item at prices noted above

Supplier's Signature over Printed Name



TIN No. of Establishment

Contact Number

Date

General Conditions

- Quotations and other requirements stated below shall be submitted to the **Bids and Awards Committee (BAC) Office, Mindoro State University -Main Campus, Alcate, Victoria, Oriental Mindoro**, Philippines on the date and time stated in this RFP.
- Supplier shall submit the following requirements:
 - Duly signed original copy of Request for Quotation (RFQ). Prices shall be quoted in Philippine Pesos.
 - PhilGEPS Registration
 - Valid Mayor's/Business Permit
 - Omnibus Sworn Statement
 - BIR Certificate of Registration
 - Latest Income/Business Tax Return
 - TAX Clearance
 - DTI Registration/SEC Certificate
 - Original Brochures or certificates of the items offered showing its performance characteristics or specifications, if applicable

Price validity shall be 30 calendar days from the deadline of submission of quotation.

Ocular Inspection

Upon the decision of the End-User and BAC, the supplier and its concerned premises may be subjected to ocular inspection and approval by the End-User and/or TWG Inspections of the BAC prior to the award.

Award

The supplier that submitted the lowest calculated responsive quotation, and passed the inspection conducted by the End-User and BAC prior to the event, if any, shall be awarded the contract.

Evaluation of Quotations

Quotations shall be compared and evaluated of the basis of the following criteria:

- Completeness of Submission
- Compliance with Item & Description Requirements
- Price

Instructions

- Supplier shall be responsible for the source(s) of its goods/services/equipment, and which shall be in accordance with the schedule and specifications of the RFQ or contract. Failure of the supplier to comply with this provision shall be ground for cancellation of the award or purchase order issued to the supplier.
- Supplier that accepted an award, purchase order, or contract but failed to deliver the required goods/services/equipment within the time called for in the award, purchase order, or contract shall be disqualified from participating in MinSU or any of MinSU campuses future procurement activities. This is without prejudice to the imposition of other sanctions prescribed under R.A. 9184 and its IRR-A against the supplier.
- All duties, excise, and other taxes and revenue charges shall be paid by the supplier.
- All transactions are subject to withholding of credible Government Taxes per revenue regulation(s) of the Bureau of Internal Revenue

Liquidation Damages

A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services/equipment shall be charged as liquidated damages for every day of delay of the delivery of the purchased goods/services/equipment.

Warranty

Supplier warrants that all goods/services/equipment to be provided are of acceptable industry standard.

Payment

Payment shall be made only upon a certification by the Head of the Procuring Entity to the effect that the GOODS have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted.