



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:
- All entries must be typewritten.
 - Delivery Period within ___calendar days.
 - 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.
 - Price validity shall be a period of 30 calendar days.
 - G-EPIS Registration Certificate shall be attached upon submission of the Quotation.
 - Bidders shall submit Original Brochures showing certification of the product being offered (optional).
 - 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>Tempearture 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>			
		<i>Tech circuit</i>			
8	pcs	GSM Power Supply	2		



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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.