



UNIVERSITY OF THE PHILIPPINES
LOS BANOS
Los Banos, IV-A
VAT Reg. TIN: 000-864-006-00004

Request for Quotation/ Bid Form (Technical Specifications)
AGROMETEOROLOGY, BIO-STRUCTURES & ENVIRONMENT ENGINEERING DIVISION

UPLB BAC SECRETARIAT
BY: _____ DATE: 8-21-24
AUG 27 2024
UPLB-RQ- 8-244-24 -RES
DEADLINE OF SUBMISSION

UPLB-RQ-

DEADLINE OF SUBMISSION:

Date: 8/20/2024
Fund Code: 8613832
MOP: Shopping
Contact No: 536-2941
Contact Person: MYRA F. ARAN

168053

Please quote your lowest price on the items listed below, subject to the General Conditions below.

- Note:
- Bidders shall provide correct and accurate information required in this form. All entries must be typewritten or in print and properly accomplished. Do not leave blank entries, put N/A for not applicable.
 - Price quotation/s to be denominated in Philippine Peso shall include all taxes, duties, and/or levies payable.
 - Bidders must indicate the BRAND and MODEL NUMBER for equipment and its accessories or peripherals. Evidence shall be in the form of manufacturer's un-amended sale literature, unconditional statement of specification and compliance issued by the manufacturer and sample.
 - Quotation through fax/email is acceptable. Winning bidder shall submit original signed RQ before issuance of Purchase order (P.O.).
 - Quotations exceeding the Approved Budget for Contract shall be rejected.
 - Documentary requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation
 - Others: _____

ITEM No.	GENERAL NAME OF THE ITEM	REQUIRED SPECIFICATIONS	UNIT OF MEASURE	QTY	ESTIMATED APPROVED BUDGET OF THE CONTRACT	ESTIMATED TOTAL APPROVED BUDGET OF THE CONTRACT	OFFERED SPECIFICATION Suppliers must state here the detailed technical specifications of their offer against each of the individual parameters of each requirements	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION (Leave this space blank. For BAC/Evaluators only)
1	Peristaltic pump	Brand new Peristaltic pump Peristaltic Liquid Pump 2V 5W ID:3mm; OD:5mm Flow rate: 19-100 mL/min	pc	5	453.70	2,268.50				
2	pH Circuit	Brand new pH Circuit *compatible with Atlas Scientific pH probes Reads: pH Range: .001 - 14.000 Resolution: .001 Accuracy: +/- 0.002 Response time: 1 reading per sec Supported probes: Any type & brand Calibration: 1, 2, 3 point Temp. compensation: Yes International standard: ISO 10523 compliant (determination of pH) Data protocol: UART & I2C Default I2C address: 99 (0x63) Operating voltage: 3.3V - 5V Data format: ASCII Circuit dimensions: 13.97mm x 20.16mm (0.55" x 0.79") Weight: 1.76 grams	pc	1	3,900.00	3,900.00				

3	Conductivity Circuit	<p>Brand new Conductivity Circuit</p> <p>*compatible with Atlas Scientific conductivity probes</p> <p>Reads: Conductivity (µS/cm); Total dissolved solids (ppm); Salinity (PSU) (ppt) 0.00 – 42.00); Specific gravity (sea water only) (1.00 – 1.300)</p> <p>Range: 0.07 – 500,000+ µS/cm</p> <p>Accuracy: ±1 – 2%</p> <p>EC reading time: 600ms</p> <p>Supported probes: K0.01 – K10.2 any brand</p> <p>Calibration: 2 or 3 point</p> <p>Temp. compensation: Yes</p> <p>International standard: ISO 7888 compliant (determination of electrical conductivity)</p> <p>Data protocol: UART & I2C</p> <p>Default I2C address: 100 (0x64)</p> <p>Operating voltage: 3.3V – 5V</p> <p>Data format: ASCII</p> <p>Circuit dimensions: 13.97mm x 20.16mm (0.55" x 0.79")</p> <p>Weight: 1.77 grams</p>	pc	1	5,700.00	5,700.00	
4	Electrically Isolated Carrier Board	<p>Brand new Electrically Isolated Carrier Board</p> <p>*compatible with Atlas Scientific pH and conductivity circuits</p> <p>Data input: UART or I2C</p> <p>Voltage input: 3.0V – 5.0V</p> <p>Probe connector: Female SMA</p> <p>Current consumption: 5V – 28 mA; 3.3V – 22 mA</p> <p>Power saving mode (OFF pin): 2.6mA</p> <p>Carrier Board dimensions: 56.2mm x 32mm (2.2" x 1.2")</p> <p>Weight: 25 grams</p> <p>Includes: (4) standoffs & screws, (1) 5 pin jumper cable, and (1) 5 pin male header</p>	pc	2	2,800.00	2,800.00	
5	Embedded Humidity Probe	<p>Brand new Embedded Humidity Probe</p> <p>*compatible with Atlas Scientific EZO IoT Monitoring Station</p> <p>Reads: Relative humidity, Dew point, Air temperature</p> <p>Range: 0 – 100%</p> <p>Calibration: Factory calibrated</p> <p>Response time: 1 reading per second (UART mode); 1 reading per 300 milliseconds (I2C mode)</p> <p>Accuracy: ±1-2%</p> <p>Body material: 316 stainless steel</p> <p>Connector: 5 lead data cable</p> <p>Cable length: 1 meter</p> <p>Data protocol: UART & I2C</p> <p>Default I2C address: 111 (0x6F)</p> <p>Data format: ASCII</p> <p>Operating voltage: 3.3V – 5V</p> <p>IP rating: IP67 (waterproof up to 1 meter)</p> <p>NEMA rating: 6P</p> <p>Life expectancy: 10 years</p> <p>Includes: 1 embedded Humidity probe with stainless steel body, 1 data cable with 5 pin male header, and 1 Locknut & O-ring</p>	un	1	8,800.00	8,800.00	

6	Embedded Carbon Dioxide Sensor	Brand new Embedded Carbon Dioxide Sensor *compatible with Atlas Scientific EZO IoT Monitoring Station Reads: Gaseous CO2 Range: 0 - 10,000 ppm Calibration: Factory calibrated Pressure: Atmosphere only Response time: 1 reading per second Resolution: 1 ppm Accuracy: (+/- 5%) + (+/- 50 ppm) Connector: 5 lead data cable Warmup time: 10 seconds Cable length: 1 meter Data protocol: UART & I2C Default I2C address: 105 (0x69) Data format: ASCII Operating voltage: 3.3V - 5V Life expectancy: ~5 years	un	1	15,100.00	15,100.00	
7	Adapter (5 prong adapter female to 6-pin male)	Brand new Adapter (5 prong adapter female to 6-pin male) Allows connection of a 5-pin sensor to a 6-pin socket. Such as: • Cable adapter • 5 pin data cable to 6 pin socket Circuit dimensions: 14mm x 20.15mm (0.55" x 0.8") Weight: 2 grams	un	5	9,500.00	9,500.00	
8	4 Channel Relay Module	Brand new 4 Channel Relay Module Specs: - 250VAC 10A, 28VDC 10A - Indicator LEDs - 5V control voltage *4 Channel 5V 10A Relay Module with Optocoupler	un	2	206.70	413.40	
9	Threaded Heat Inserts	Brand new Threaded Heat Inserts M3 Thread Knurled Brass Heat Resistant Insert Embedment Nut for 3D Printer colour: gold Material: brass size: 0.57 x 0.46 x 0.46 cm 100 pcs/pack	pck	2	214.50	429.00	
TOTAL ABC						51,710.00	TOTAL QUOTED AMOUNT IN WORDS:

Reviewed and Checked By:


ENGR. ADDAM E. ESTENOR
BAC TWG

Please quote at your government price (including VAT) and state that the time within which you can make delivery. It will be appreciated if we can have your quotation in the office as soon as possible on or before the deadline stated herein.


MYRA F. ARAN
BUYER/ END-USER

TERMS AND CONDITIONS:

1. Price quotation shall be valid for a period of at least (30) calendar days from the date of submission.
2. In order to assure that manufacturing defects shall be corrected by supplier, a warranty security shall be required from the contract awardee for a minimum period of three (3) months. In the case of EXPENDABLE SUPPLIES, or a minimum of one (1) year warranty and two (2) to three (3) years extended warranty (if applicable) in the case of NON-EXPENDABLE SUPPLIES after acceptance by End-user of the delivered supplies.

3. Delivery period within 30 calendar days
4. Award of contract shall be made to the lowest quotation which complies with the technical specifications, and other terms and conditions stated herein
5. UPLB reserves the right to reject any or all offers as may be considered most advantageous to the University.
6. Any intonations, erasure, or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representatives.

Requirements for Suppliers (GPPB Resolution No. 21-2017)

REQUIREMENTS	Shopping (Section 52)	Negotiated Procurement- Small Value Procurement (Section 53.9)	Negotiated Procurement- Lease of Real Property or Venue (Section 53.10)	Negotiated Procurement- Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services (Section 53.6)	Negotiated Procurement- Emergency (Section 53.2)
1 Mayor's/Business Permit	/	/	/	/	/
2 PhilGEPS Registration Number	/	/	/	/	/
3 Professional license/ CV (consulting services)	/	/	/	/	/
4 PCAB License (for infrastructure)	/	/	/	/	/
5 Income / Business tax returns (except for government agencies as lessor)		FOR ABC'S ABOVE 500K	/	/	FOR ABC'S ABOVE 50K
6 Omnibus Sworn Statement		FOR ABC'S ABOVE 50K			FOR ABC'S ABOVE 500K
7 NFCC for infrastructure with ABC above Ph500k		/			FOR ABC'S ABOVE 50K

After having carefully read and accepted your General Conditions, We quote you on the item at prices noted above.

Name of the Company: _____

Address: _____

Signature over Printed Name of Representative: _____

Position: _____

Tel. No. : _____

Fax No. : _____

Email Address: _____

Date: _____