



UNIVERSITY OF THE PHILIPPINES

LOS BANOS  
Los Banos, N-A

VAT Reg. TIN: 000-864-006-00004

Request for Quotation/ Bid Form (Technical Specifications)  
Land and Water Resources Division, IAE, CEAT

UPLB BAC SECRETARIAT  
BY: [Signature] DATE: 7-25-21  
JUL 28 2021 [Stamp]  
UPLB-RQ- 7-222-21-175  
DEADLINE OF SUBMISSION

UPLB-RQ- \_\_\_\_\_

DEADLINE OF  
SUBMISSION:

Suppliers Name: \_\_\_\_\_  
\_\_\_\_\_

Date: April 08, 2021  
Fund Code: 824323C  
MOP: Shopping (Sec.52.1b)  
Contact No: 0916-2857-208  
Contact Person: JUNE CARLO D. PARDUCHO

Please quote your lowest price on the item/s 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 UNIT 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	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION (Leave this space blank. For BAC/ Evaluators only)
1	Electronic Parts and Components	Alligator clips, 10pcs/set, Size: Large 5.5cm	set	2	130.00	260.00				
2		Battery CR2032, 5pcs/set	set	4	230.00	920.00				
3		Battery Charger for 18650 Li-ion Battery, 2-Bay Charge	pc	3	820.00	2,460.00				

4	Battery Holder, 2-Cell 18650 Battery holder	pc	15	90.00	1,350.00				
6	Bluetooth module, Model: HC-08, working voltage: 2.0-3.6V, working current: 21mA/9mA, frequency: 2.4 GHz, size: 26.9 x 13 x 2.2mm	pc	18	240.00	4,320.00				
7	Breadboard Solderless Flexible Jumper Wires for prototyping, breadboard prototyping Jumper wires, male to male, 30 cm 20 pcs/set	set	3	100.00	300.00				
8	Solderless Breadboard full size 830 Point, solderless breadboard, 830 holes, self adhesive, interlockable, 2 power lanes, 16.5 cm x 5.5 cm	pc	2	100.00	200.00				
9	Cable 3 core, 1.25mm/#16, in PVC Sheath, 3 Core Colors: Brown/Blue / Green-yellow, 5m/roll	rol	9	270.00	2,430.00				
10	Cable gland, Thread Size: PG7, Material: Nylon 66, Cable diameter: 3.5 - 6mm, IP68	pc	20	90.00	1,800.00				
11	Capacitor, 2200uF 10V, Electrolytic 10pcs/pack	pack	2	150.00	300.00				
12	Charging module, TP4056 Micro USB 5V 1A Lithium Battery Charging Power Module	pc	54	70.00	3,780.00				
13	DC Current Sensor INA 219, Power input: 3.0 - 5.5V, up to $\pm$ 3.2 A current measurement, Dimension 0.8 x 0.9", add: target voltages 12V and 24V	pc	3	270.00	810.00				
14	DC Jack, female/male pair, 2.1 x 5.5mm Jack adapter, 5pairs/pack	pack	3	190.00	570.00				

15	LM 2596 DC to DC buck converter with display, Input voltage 4-35V, adjustable output voltage: 1.25-30V, output current: 3A, with 7 segment display, PCB size: 68 x 35 mm	pck	21	190.00	3,990.00				
16	Brand new Multi Tester Features: 0.7% best accuracy, capacitance measurement, frequency measurement (AC sine wave only), low power ohm at continuity range, solid and protective body cover that can also be used as a tilt stand, digital display with 4 digits resolution, AC frequency bandwidth: 40 ~ 400 Hz, can measure both DC and AC	pc	1	2,750.00	2,750.00				
17	Diode, Diode 1N4007 100V 1A, 5pcs/set	set	5	40.00	200.00				
18	ESP8266 Wifi board, ESP8266 WiFi Board, 11 digital I/O pins, 1 analog input (3.2V max input), power jack input 9 - 24V, Dimensions, 68.6 mm X 53.4 mm, clock frequency of 80MHz/160MHz	pc	3	340.00	1,020.00				
19	ESP8266 Wifi mini board, ESP8266 WiFi Board mini, 11 digital I/O pins, 1 analog input (3.3 V max), 16M bytes flash, built-in ceramic antenna, CP2104 USB-to-UART IC, micro-USB input	pc	18	340.00	6,120.00				

20	GSM Antenna, Quad-band SMA Plug , Handleable frequencies: 850/900/1800/1900/2100 MHz, Gain: 2 dBi, vertical polarization, connector: SMA Male, impedance: 50 ohms, operating temp: -20 to 60 degrees, length: 2.4", weight: around 6g	pc	3	140.00	420.00				
21	GSM Module, 800L	pc	3	630.00	1,890.00				
22	Heat shrink tube, 2mm x 2meters , Tube temp. rating : 125°C , Voltage rating: 600V	pc	3	90.00	270.00				
23	Mini Helping hand for soldering, Soldering Iron Stand Adjustable helping hand with LED Magnifier, Dual Alligator clips, and 360° degree Swivel	pc	1	570.00	570.00				
24	breadboard Jumper wires female-female, length 30cm, 20 pcs/set (low voltage applications)	set	2	100.00	200.00				
25	breadboard Jumper wires male-female, length 30cm, 20 pcs/set (low voltage applications)	set	2	100.00	200.00				
26	breadboard Jumper wires male-male, length 30cm, 20 pcs/set (low voltage applications)	set	2	100.00	200.00				
27	LCD Module, 16x2 Display Screen with I2C communication interface, Operating voltage: 4.7-5.3V, Size : 80 x 36 x 20mm	pc	3	180.00	540.00				
28	LED Tube, T8 18W , Length: 1200mm	pc	17	360.00	6,120.00				
29	Li-ion battery, Li-Ion 18650 Battery 3.7V 15000mAh	pc	4	750.00	3,000.00				

30	Li-Ion battery, Li-Ion 18650 Battery 3.7V 2200mAh	pc	54	190.00	10,260.00			
31	Lithium Thionyl Chloride Battery TL-5930	pc	4	4,320.00	17,280.00			
32	Mosfet, N-Channel Mosfet 60V 30A , Body/case TO 220, 3 Leg	pc	3	180.00	540.00			
33	NPN Transistor TIP120 , 60V, Peak current 8A , Continuous current 5A , TO- 220 Package, 3Leg , 3pcs/set	set	3	70.00	210.00			
34	Pressure/Alt/Temp/HumiditySensor, BME280 , Interface: I2C , Output type: Digital , SMT/SMD Board mount,	pc	3	250.00	750.00			
35	Programmer, Kit PSOC MiniProgrammer/Debugger , Kit Content: Mini Prog3 , Program/Debug Ribbon Cable , USB Cable	pc	1	5,458.00	5,458.00			
36	Prototyping Board, Universal PCB Board , 6 x 8 cm , Hole pitch: 2.54mm , Thickness: 1.6mm , Dual-sided Copper PCB , 5pcs/set	set	3	180.00	540.00			
37	Real Time Clock module DS3231 with charge protection	pc	19	100.00	1,900.00			
38	Relay Module, 1 channel, 5V DC control voltage, can be used as switch for 240V, 10A AC and 30V, 10A, DC	pc	3	120.00	360.00			
39	Resistor 10k ohms, 10pcs/set, 1/4W	set	2	30.00	60.00			
40	Resistor 1k ohms, 1/4W	set	2	50.00	100.00			
41	Screw terminals, 3 pin, 5pcs/set, 5 mm, 22-14 AWG, 250 V, 16 A	set	12	90.00	1,080.00			

42	Soil moisture sensor, Capacitive soil moisture sensor, Operating Voltage: 3.3 ~ 5.5 VDC Output Voltage: 0 ~ 3.0VDC Operating Current: 5mA Interface: PH2.0-3P Dimensions: 3.86 x 0.905 inches (L x W) Weight: 15g	pc	10	440.00	4,400.00				
43	Soil temperature sensor, DS18B20 water resistant temperature sensor with cable, IC Temperature Sensor -55°C ~ 125°C Exposed Lead Wires, thread probe: DIA 6mm, cable length: 36". 3 core wire in PVC sheath, sus304	pc	3	416.50	1,249.50				
44	Solar Panel, Mini Solar Panel 6V, 0.58A, 3.5Watts, 110x80x2mm	pc	15	470.00	7,050.00				
45	Solar panel, monocrystalline solar panel 60W, 12V, non foldable	pc	3	2,700.00	8,100.00				
46	Soldering Lead, 60/40, 4.5m long 1mm thickness	rol	2	90.00	180.00				
47	Soldering Silicone Mat, heat insulation, Heat insulation, Silicone Pad Soldering Repair mat, 237 mm by 206 mm	pc	1	320.00	320.00				

48	Soldering station, soldering station with soldering iron, hot air blower, and temperature control. Input voltage: 220V ± 10%, 60Hz. Max power consumption: 750 W ± 10%, temperature range of air blower: 100 to 500 deg Celsius, flow rate: 120 L/min, display mode: LED, Temperature stability: ±2 deg Celsius, soldering iron temp range: 200 to 480 deg Celsius	set	1	2,130.00	2,130.00				
49	Solenoid valve, Normallyclosed, 3/4" NPT, 12VDC, Operating pressure 2.9 ~ 116.03 PSI (0.2 ~ 8 bar)	pc	3	500.00	1,500.00				
50	Universal Convenience Outlet, 2-gang with Faceplate and Cover	pc	5	300.00	1,500.00				
51	Water flow sensor, 1/2", Water Flow Sensor Working Voltage & Current : 5-18V, 15mA@5V Working Flow Rating : 1-30 L/min Male Port Thread Dia : 20mm /1/2PT size: 2.5" by 1.4" by 1.4"   flow rate pulse: (Hz) = 7.5 * flow rate   pulses per liter: 450   working temperature: -25 to 80 degrees Celsius   maximum water pressure: 2.0 MPa	pc	3	320.00	960.00				
52	Wire spool set, Stranded Silicone Electric Wire Cable 24 AWG, 5m each, 6 spools per set, multicolor	set	4	2,070.00	8,280.00				
53	Wire stripper, for 26, 24, 20, 18, 16 AWG	pc	1	230.00	230.00				

TOTAL ABC					121,427.50				
						TOTAL QUOTED AMOUNT IN WORDS:			

Reviewed and Checked By:

\_\_\_\_\_ 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.

VICTOR B. ELLA

Project Leader

**TERMS AND CONDITIONS:**

- Price quotation/s shall be valid for a period of at least (30) calendar days from the date of submission.
- 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.
- Delivery period within \_\_\_\_\_ calendar days.
- Award of contract shall be made to the lowest quotation which complies with the technical specifications, and other terms and conditions stated herein.
- UPLB reserves the right to reject any or all offers as may be considered most advantageous to the University.
- Any interlineations, erasure, or overwriting shall be valid only if they are signed or initiated by you or any of your duly authorized representative/s.

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

REQUIREMENTS	Shopping (Section 52)	Negotiated Procurement- Small Value Procurement	Negotiated Procurement- Lease of Real Property or Venue (Section 52.6)	Negotiated Procurement- Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services (Section 52.6)	Negotiated Procurement- Employment
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 _____)		FOR ABC'S ABOVE 500k	/	/	FOR ABC'S
6 Omnibus Sworn Statement		FOR ABC'S			FOR ABC'S
7 NFCC for Infrastructure with ABC above Ph500k		/			FOR ABC'S

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

Name of the Company: \_\_\_\_\_

Address: \_\_\_\_\_

Tel. No.: \_\_\_\_\_



Signature over Printed  
Name of  
Position:

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Fax No.  
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