



UNIVERSITY OF THE PHILIPPINES

LOS BANOS
Los Banos, IV-A

VAT Reg. TIN: 000-854-006-00004

Request for Quotation/ Bid Form (Technical Specifications)
BIOMECH-GEAT

UPLB BAC SECRETARIAT
BY: *[Signature]* DATE: 7-12-23
JUL 17 2023 5:10am
UPLB-RQ- 7- 22- 23- PLS
DEADLINE OF SUBMISSION

UPLB-RQ-

DEADLINE OF SUBMISSION:

Suppliers Name:

July 10, 2023

Date
Fund Code:

N9-B08-3A

MOP:

Shopping

Contact No:

9453211347

Contact Person

MEL VINCENT A. AMPO

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 quotations 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 <small>Suppliers must state how the detailed technical specifications of their offer match each of the individual parameters of each requirements</small>	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION <small>(Leave this space blank. For BAC Evaluators only)</small>
1	Lipo Battery without PCM	Lithium Polymer Rechargeable No protective circuit module Output voltage: 3.7-4.2 V 37Wh Capacity: 10000 mAh Current drain: 0.5c nominal max 1c approx. 129mmx70mmx8.8mm	pc	10	553.50	5,535.00				

2	<p>9V Power Adapter</p> <p>Input voltage: 100-240 V AC Frequency: 50/60Hz Output voltage: 9V DC Max output current: 2A Cable length: approx. 93 cm Weight: 146g</p>	pc	1	195.00	195.00				
3	<p>150W Switching Power Supply</p> <p>150W switching power supply Input voltage: 100-240 V AC Input Current: 3A Frequency: 50/60 Hz Output Voltage: 12V DC Output Current: up to 12.5 A With built-in EMI filter 100% full load burn-in test Low output ripple and noise Overload, overvoltage, and short circuit protection</p>	pc	2	1,401.00	2,802.00				
4	<p>Assorted Heat Shrink Wrap Kit</p> <p>530 pcs 2:1 shrinkage ratio 8 different internal diameters: 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm Colors: black, yellow, green, red, blue Material: polyolefin Shrinkage Temp: 84C-120C Tensile strength: 10.4 Mpa Dielectric strength: 15kV/mm ISO9001 Flame retardant UL approved</p>	pc	1	334.00	334.00				
5	<p>LED Bulb</p> <p>5W LED bulb Voltage: 220V AC Light color: white, 6500K Chip: 2835 highligh chip Material: Aluminium, Polypropylene Height: 95mm, Diameter: 50mm</p>	pc	17	32.50	552.50				

6	5-pin Terminal Block	KF128 2.54mm pitch screw terminal block rated voltage: 150V rated current: 6A type: mini PCB screw terminal block Wire range: 26-18 AWG 5-pin (straight)	pc	11	74.25	816.75						
7	Insulating Varnish	Pigmented air-drying varnish/sealer enamel with synthetic resin base Can withstand up to 1000KV Highly resistant to oils, acids, alkalis, moisture and heat Operating temperature 155C Coverage area: 1.5 sq.m Number of coating: 2-3 400 ml	pc	2	567.00	1,134.00						
8	3-pin Terminal Block	Number of Positions: 3 Pitch: 5.0mm Current Rating: 15A 300V Suitable for wire 12 - 24 AWG	pc	80	15.00	1,200.00						
9	2-pin Terminal Block	Number of Positions: 2 Pitch: 5.0mm Current Rating: 15A 300V Suitable for wire 12 - 24 AWG	pc	80	22.00	1,760.00						
10	Weatherproof Enclosure	Material : ABS Plastic Operating Temperature: -20C to 90C Dimensions: 200mmx120mmx75mm Heavy gauge extruded plastic construction Built-in hole hold circuit board Waterproof IP65 rating	pc	9	614.50	5,530.50						

11	DC-DC Buck Boost Converter	Input: 3.5-28V. Output: 1.25V-26V Output Voltage Independent of input voltage (3.5V-28V input, any value output 1.25V-26V). Maximum Input Current: 3A. Maximum Output: 3A. Rated Input: 1A, Output: 1A. Size: 5.2cm x 3.8cm x 2cm	pc	6	276.75	1,660.50					
12	Transistor Switch	TIP120 Power Darlington Transistor Max Voltage: 60 V Peak current: 8A Continuous current: 5A Gain: 1000	pc	9	90.50	814.50					
13	Temperature and Humidity Sensor	3 to 5V power and I/O 5mA max current use during conversion (while requesting data) Good for 0-100% humidity readings with 2-5% accuracy Good for -40 to 80°C temperature readings ±0.5°C accuracy No more than 0.5 Hz sampling rate (once every 2 seconds) Body size 27mm x 59mm x 13.5mm 4 pins, 0.12" spacing Sensor Weight : 2.4g	pc	14	270.00	3,780.00					
14	400 Tie-point Breadboard	400 tie points one terminal strap two distribution strips 2.54 mm spacing extendable 8.2cm x 6.2cm	pc	2	69.00	138.00					

15	Resin and Hardener 1.5 kg set 1kg epoxy resin, 500g epoxy hardener 2:1 mixing ration water clear finish	set	2	1,155.00	2,310.00				
16	Protection Circuit Module High accuracy voltage detection circuit MOS transistor charge and discharge control Over charge voltage: 4.25±0.05V Over charge release voltage:4.23±0.05V Over discharge voltage:2.54±0.1V Max continuous charging current: 2A Max continuous Discharging current: 2A Over current protection: 3A Size: L40*W4*T3mm	pc	30	22.00	660.00				
17	Polyimide Tape High temperature polyimide tape Temperature range: -269C to 400C Dimensions: 33m long x 1cm wide	pc	1	186.75	186.75				
18	Dupont Connector Kit Wire gauge: 18-26 AWG Pin spacing: 2.54 mm (0.1") Rated voltage: 250V Rated current: 3A Working temperature: 25 degrees to 85 degrees Celsius. Packaging size: 170mm*100mm*20mm/6.69*3.93*0.78" Packaging weight: 138g Packaging Content: 50pcs 1x1P, 40pcs 1X2P, 20pcs 1x3P, 20pcs 1X4P, 20pcs 1X5P, 20pcs 1x6P, 10pcs 2x2P, 10pcs 2x3P, 10pcs 2x4P, 10pcs 2x5P, 10pcs 2x6P 200x Male Terminal 200xFemale Terminal with 620 X 2.54mm Dupont Cable Housing Connector Kits	pc	3	350.00	1,050.00				

24	Solenoid Valve 1/2" Nominal NPS	Working Pressure: 0.02 Mpa-0.8Mpa Working Temperature: 1 degC-75 degC Voltage: 6-12VDC	pc	1	350.00	350.00				
25	Dipole Pentaband Waterproof Antenna	Branded/brandnew Dipole Pentaband Waterproof Antenna For use with SAMD21Cortex-MD+32bit lowpower ARM MCU, Dimension: 130x16x5 mm	pc	12	382.00	4,584.00				
26	LiPo Battery	Minimum Capacity: 1000mAh Configuration: 2S1P7.4C/2Cell Constant Discharge: 20C Peak Discharge (10sec): 30C Size: 72x34x14mm Charge plug: jst-xh	pc	7	800.00	5,600.00				
27	Assorted Resistor Kit	1/4 W Metal Film, Through hole 30 values, 20 resistors each value Resistor Kit comes with 20 each of 30 different through-hole resistor values. All of these are neatly packed and clearly labeled. Commonly used in breadboards and other prototyping boards. (600 pcs/kit) Values Included: 10Ω, 22Ω, 47Ω, 100Ω, 150Ω, 200Ω, 220Ω, 270Ω, 330Ω, 470Ω, 510Ω, 680Ω, 1KΩ, 2KΩ, 2K2Ω, 3K3Ω, 4K7Ω, 5K1Ω, 6K8Ω, 10KΩ, 20KΩ, 47KΩ, 51KΩ, 68KΩ, 100KΩ, 220KΩ, 300KΩ, 470KΩ, 680KΩ, 1MΩ	pc	2	278.00	556.00				
TOTAL ABC						68,687.50				
TOTAL QUOTED AMOUNT IN WORDS:										

Reviewed and Checked By:

Josefello C Villana

BAC TVG

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.

TERMS AND CONDITIONS:

1. Price quotations 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 14 calendar days.
4. Award of contract shall be made to the lowest quotation which complies with the technical specifications, and other terms and condition stated herein
5. UPLB reserves the right to reject any or all offers as may be considered most advantageous to the University.
6. Any interrelations, 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)

	Stopping (Section 52)	Negotiated Procurement- Small Value Procurement (Section 53.8)	Negotiated Procurement- Lease of Real Property or (Section 53.10)	Negotiated Procurement- Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services (Section 53.9)	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)	/	/	/	/	/
6 Omnibus Sworn Statement	/	FOR ABC'S ABOVE 500K	/	/	FOR ABC'S ABOVE 500K
7 NFCC for Infrastructure with ABC above P1500K	/	FOR ABC'S ABOVE 50K	/	/	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:

Tel. No.:

Fax No.:

Signature over Printed

Email Address:

Name of Representative:

Position:

Date:

MELVINCENT A. AMPO
BUYER-TEND-USER