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

Request for Quotation/ Bid Form (Technical Specifications)
AFBED-IABE

Suppliers Name: _____

Date: MAY 26, 2022
Fund Code: N026932
MOP:
Contact No: (049) 572-0191
Contact Person: Joanne Foliente

Please quote your lowest price on the item/s listed below, subject to the General Conditions below.

Note:

1. 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.

2. Price quotation/s to be denominated in Philippine Peso shall include all taxes, duties, and/ or levies payable.
3. 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.

4. Quotation through fax/email is acceptable. Winning bidder shall submit original signed RQ before issuance of Puchase order (P.O.).
5. Quotations exceeding the Appoved Budget for Contract shall be rejected.
6. Documentary requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation
7. 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 requirements)	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION (Leave this space blank. For BAC/ Evaluators only)

1	Branded and brand new stand -alone electric current data logger	Branded and brand new stand alone electric current data logger
		-SD Card Real Time Datalogger, Data can be downloaded to EXCEL File, no extra software is needed.
		-Range: 1000V/2000A (AC/DC)
		-Measuring Functions: AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Frequency, Diode Test and Continuity Test
		CATIII 1000V, CATIV 600V, True RMS ACV/ACA
		- Sampling Time: 2 to 7200 seconds (Auto)
		- Power Supply: AA Battery x 2 pieces
		- Inclusion: Main unit , Test Leads (Red & Black), Alligator Clips (Red & Black),
		Carrying Case, 8GB SD Card, AC/DC Adapter, Temperature Probe (TP-11) &
		
		GENERAL SPECIFIATION:
		Ciruit: Custom single-chip microprocessor LSI circuit.
		Display: LCD Size: 3.2 X 2.4" (60 X 44.4 mm). 600 mV /6 V/60 V/600 V /1000 V 0.1 mV /0.001V /0.01V /0.1V/1 V 600 mV ± (0.8%+2d)
		Dot Matrix backlight LCD (128 X 64 pixels).
		Measurement: DCV/ACV
		                DCA/ACA
		                Resistance/ DIODE/ Continutiy Beeper
		                Capacitance
		                Frequency
		                Temperature
		A/D counts no: 6000 counts
		Voltage ranges: 0.5 mV to 1000 V (DCV/ACV, Auto or Manual Range)
		Current ranges: 0.5 ACA to 2000 ACA (DCA/ACA, Auto or Manual Range)
		Saftey standard: IEC1010 CAT III 1000V
		ACV Input impedance: 10M ohms
		Clamp frequency response: 40 Hz to 1KHz
		Data hold: Freezes displayed reading.
			Pc	1	55,000.00	55,000.00				

Over-load protection: DC/ACV 100 DCV/ 1000 ACV RMS
                          DCA/ ACA 2100 DCA/ACA wiuth
clamp probe
Over-range : * LCD display show " OL"
                    * The data save into the SD card will show
"9999" or "999"
                          (overleap the decimal point)
Data recording: Micro SD memory card (1GB to 32GB)
Realative measure: To offset the measurement value.
Peak to peak: DCV/ACV, DCA/ACA peak to peak
measurement value
DCA zero adj.: DCA zero adjustment
Range selection: Auto range with manual range selecting
Polarity: Automatic switching, "-" indicates negative polarity.
Data loger : *Real time data logger, saved the data into micro
SD memory card nad download the all that measured value
with the information (yy/mm/data/hr/min./sec/) down load
to excel .
                * Sampleing time for data logger : 2 sec. to
7200sec.
                * When the syste detecct microSD format does
not match with the machine tath will be mandatory for
reformating to ensure taht datar records can be normal
                *Data error no.: ≤0.1% no. of total saved data
typically.

Display sampling time: Approx. 1 sec
Data Output: RS232 computer serial interface:
USB/RS232 * Connect the optional USB cable USB -0+C341
wil get the USB plug.
*Computer interface : * Connect the optional RS232 cabpel
UPCB-02 will get the RS232 plug.
Power supply: *DC 1.5V, AA (UM-3) Battery x 2 PCs
(Alakaline or heavy-dutty battter)
                *AC to DC 9V power adapter (Linear type)
Power consuption: 34 mA DC
Max. Conductor size: Clamp can accomodate up to 2.0"
(50mm) diameter.
Dimension: approx 11.0 X 4.2 X 1.9" (280 x 106 x 47 mm)
Accessories included
- Instruction manual
-Test leads 1set (2pcs)
-Alligator clips 1 set (2pcs)
-Carring case 1 pcs
-Micro SD card 8GB - 1pc
-AC to DC 9V adapter (Linear type, 110V or 220 V) 1 pc

WARRANTY: 1 year and after sales service

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2	Branded and brand new portable temperature data acquisition system	**Branded and brand new portable temperature data acquisition system** - Provides precision measurement capabilitiesin a rugged, battery-operated package. It consists of a measurement and control module and wiring panel. **FEATURES:** - 2 Mbytes standard memor; 4 Mbytes optional memory - Program execution rate of up to 100Hz -CSI/O and RS-232 series ports - 13-bit analog and digital conversions - 16-bit microcontroller with 32-bit internal CPU architecture -Temperature compensated real-time clock -Background system calibration for accurate measurements over time and temperature changes Single DACDAC used for excitation for accurate measurements over time and temperature chages. -Gas Discharge Tube (GBT) protected inputs. -Data value stored in tables with a time stamp and recored number -Battery -backed SRAM and clock that ensure Data, programs and accurate time are maintained while the system is disconnected from its main power source. -Measures intelligent serial sensor without using an SDM-SIO4 • 16x analogue single-ended or 8 differential IN • 2x digital pulse counters IN • 8x digital IN/OUT • 3x analogue voltage OUT • 1x switched 12V OUT • RS232 • CS I/O PORT, SDI-12, Peripheral ports • CF-card, USB, LAN, WLAN (optional) • 2/4 Mbytes SRAM memory • Surge protection for all Inputs by gas discharge tube (GDT) • Surge protection for critical outputs by GDT or transient voltage suppression diodes • Power feeding protected by transzorb diodes • Grounding socket for electrostatic discharge (ESD) protection • The datalogger comes embedded into a mobile measurement system for ambient temperature measurements and includes: - power supply - temperature sensor - data logger programming **SYSTEM POWER REQUIREMENTS** VOLTAGE: 9.6 to 16 Vdc TYPICAL CURRENT DRAIN: Sleep Mode: ~0.6 mA 1 Hz Sample Rate (one fast SE meas.): ~0.6 mA 100 Hz Sample Rate (one fast SE meas.): ~7.0 mA 100 Hz Sample Rate (one fast SE meas. w/RS-232 communications): <7.0 mA EXTERNAL BATTERIES: 12 Vdc nominal; reverse polarity protected. **PHYSICAL SPECIFICATIONS** MEASUREMENT & CONTROL MODULE SIZE: approx. 8.5" x 3.9" x 0.85" (21.6 x 9.9 x 2.2 cm) CR1000WP WIRING PANEL SIZE: approx. 9.4" x 4" x 2.4" (23.9 x 10.2 x 6.1 cm); additional clearance required **SWITCHED 12 V** One independent 12 V unregulated sources switched on and off under program control. Thermal fuse hold current = 900 mA @ 20°C, 650 mA @ 50°C, 360 mA @ 85°C.	₱	1	140,000.00	140,000.00				

SDI-12 INTERFACE SUPPORT
Control ports 1, 3, 5, and 7 may be configured for
SDI-12 asynchronous communications. Up to ten
SDI-12 sensors are supported per port. It meets
SDI-12 Standard version 1.3 for datalogger mode.

CE COMPLIANCE
STANDARD(S) TO WHICH CONFORMITY IS
DECLARED: BS EN61326:2002

CPU AND INTERFACE
PROCESSOR: Hitachi H8S 2322 (16-bit CPU with
32-bit internal core)
MEMORY: 2 Mbytes of Flash for operating system;
2 Mbytes of battery-backed SRAM for CPU usage,
program storage and data storage; 4 Mbytes optional
SERIAL INTERFACES: CS I/O port is used to
interface with Campbell Scientific peripherals;
RS-232 port is for computer or non-CSI modem
connection.
PARALLEL INTERFACE: 40-pin interface for attaching
data storage or communication peripherals such as
the CFM100 module
BAUD RATES: Selectable from 300 bps to 115.2 kbps.
ASCII protocol is one start bit, one stop bit, eight
data bits, and no parity.
CLOCK ACCURACY: ±3 min. per year (-30° to 85°C);
±5 min. per year (-55° to 85°C, -XT only)
WARRANTY: 1 year and after sales service

TOTAL ABC		195,000.00	

TOTAL QUOTED AMOUNT IN WORDS:

Reviewed and Checked By:

ADRIAN A. BORJA
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.

JOANNE FOLIENTE
BUYER/ END-USER

TERMS AND CONDITIONS:
1. Price quotation/s 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 _____ calendar days.
4. Award of contract shall be made to the lowest quotation wich 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 inter/restrictions, erasure, or overwriting shall be valid only if they are signed or initialed 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 (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 50k			
6 Omnibus Sworn Statement		FOR ABC'S ABOVE 50k	/	/	FOR ABC'S ABOVE 50k
7 NFCC for Infrastructure with ABC above Ph500k		/			FOR ABC'S ABOVE 500k
					FOR ABC'S ABOVE 50k

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:

Signature over Printed Name of
Representative:
Position:

Tel. No. :
Fax No. :
Email Address:

Date: