



Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
**Don Severino de las Alas Campus**

Indang, Cavite, Philippines  
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**INVITATION TO SUBMIT QUOTATION**  
**Supply and Delivery of Testing Instruments for DOE Harnessing Pproject**

1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project **“Supply and Delivery of Testing Instruments for DOE Harnessing Pproject”** with an Approved Budget for the Contract (ABC) of **One Hundred Ninety-Five Thousand Ninety Pesos Only (PhP 195,090.00)**. Quotation received in excess of the ABC shall be automatically rejected at the opening.

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
1.	6	Pcs	Prismatic Lifepo4 Battery (set of 4/ 3.2Volts,100Ah)	12,400.00	74,400.00
2.	6	Sets	BMS (Battery management system) 12volts 4S 12V Battery, Protection Board 100A Discharge Same Port with Balance 3.2V Lifepo4 BMS Protection Board	1,000.00	6,000.00
3.	6	pcs	Pure Sine Wave inverter Toroidal 1kw 12V/24v inverter (1000w, watts)12v/24v input 220v output	5,500.00	33,000.00
4.	6	Pcs	SRNE 40A 12V/24V MPPT Charge Controller	4,700.00	28,200.00
5.	8	Mtrs	#12 awg twin core PV cable wire (stranded)	75.00	600.00
6.	20	mtrs	#12 awg automotive copper cable wire (stranded)	55.00	1,100.00
7.	60	Pcs	Assorted heavyduty wire lugs battery cable connector,copper, battery terminal (eyelet)	16.67	1,000.00
8.	6	Pcs	Arduino Nano 33 BLE sense, 9 axis inertial sensor, humidity, and temperature sensor, barometric sensor, microphone: to capture and analyse sound in real time, gesture, proximity, light color and light intensity sensor.	2,600.00	15,600.00
9.	6	Pcs	Arduino Nano, v3.0 CH340G Microcontroller Board Micro Controller with USB Cable, Microcontroller: ATmega328 Operating Voltage (logic level): 5V,Input Voltage: 7-12V (5V if bypassing the onboard voltage regulator) Input Voltage (limits): 6-15V Digital I/O Pins: 14 (6 with pwm) Analog Inputs: 8 DC Current per I/O Pin: 40ma (max of 200ma across all pins)Flash Memory: 32kb (2kb used by bootloader) SRAM: 2kb	293.00	1,758.00
10.	6	Pcs	Liquid Crystal Display (LCD 16x4) 5v character LCD screen display module, Outline Dimension 87.0(W)x60.0(H)x12.5(T)mm,Visual Area: 61.70x25.20mm, Active Area:	535.00	3,210.00

			56.20x20.80mm Character Size: 2.95x4.75mm, Dot (Pixel) Size: 0.55x0.55mm, Dot Pitch: 0.60x0.60mm		
11.	6	Pcs	Voltage sensor module for arduino Voltage input range : DC0-25 V Voltage detection range : DC0.02445 V-25 V	59.00	354.00
12.	6	Pcs	Current sensor (ACS712) Supply Voltage: 4.5V~5.5V DC, Measure Current Range: - 30A~ 30A Sensitivity: 66mV/A	205.00	1,230.00
13.	6	Pcs	DC - DC Voltage regulator step down (9V) Input voltage :4V ~ 35V, The output voltage : 1.23V ~ 30V Output Current :3A( Max)	92.00	552.00
14.	6	Pcs	IR Proximity sensor (for Tachometer) Operating Voltage: 3.0V – 5.0V, Detection range: 2cm – 30cm (adjustable using potentiometer) and a detection angle 35°,Current Consumption: at 3.3V: ~23 mA, at 5.0V: ~43 mA	106.00	636.00
15.	1	Roll	soldering lead (60/40)	800.00	800.00
16.	6	Pcs	Cassing/ frame (For Arduino nano)	50.00	300.00
17.	50	Pcs	2 pins Push in Terminal SMD for AWG-22 wires and bolts	20.00	1,000.00
18.	2	Pcs	Multi-function Portable Thermal Printer Label Printer Wireless BT Mobile Printer Label Receipt Printer UK Plug	6,000.00	12,000.00
19.	12	Roll	Thermal paper	45.00	540.00
20.	10	Pcs	Incandecent Lamp (100 watts)	70.00	700.00
21.	6	Mtrs	2.0 awg/THHN standed wire	35.00	210.00
22.	10	Pcs	Bulb receptacle	40.00	400.00
23.	1	Unit	Variable frequency drive (1kW)	8,000.00	8,000.00
24.	1	unit	AC Electric motor, 0.5hp, 220Volts	3,500.00	3,500.00
<b>TOTAL AMOUNT</b>					<b>195,090.00</b>

2. Delivery Period: \_\_\_\_ calendar days from the receipt of P.O.
3. Price quotations must be valid for a period of sixty (60) calendar days from date of submission and shall include all taxes, duties and/or levies payable. Bidders shall also indicate the brand and model of the items being offered.
4. Warranty shall be for a period of six (6) months for supplies and materials. Warranty for equipment must not be less than one (1) year from the date of acceptance and shall be accompanied with Warranty Certificate.
5. The quotation must be submitted to the Supply Office through mail, fax or email at the contact details listed below **on or before 5:00 PM of December 27, 2021.**

Address : Supply Office, Administration Building  
Cavite State University  
Indang, Cavite

E-mail : supplyoffice@cvsu.edu.ph

Telefax : (046) 862-0852

6. The CvSU reserves the right to reject any or all quotations and/or proposals and waive any formalities/informalities therein and to accept such bids it may consider as most advantageous to the agency and to the government. CvSU neither assumes any obligation for whatsoever losses that may be incurred in the preparation of bids, nor does it guarantee that an award will be made.



**PRECIOSA G. ERAÑA**  
BAC Secretary, Goods and Services