



Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
**Don Severino de las Alas Campus**  
 Indang, Cavite, Philippines  
 ☎ (046) 889-6373  
[www.cvsu.edu.ph](http://www.cvsu.edu.ph)

**INVITATION TO SUBMIT QUOTATION**  
**Fabrication of Unmanned Ground Vehicle for PCAARRD vis-NIR UGV/UAV Project**

1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project **“Fabrication of Unmanned Ground Vehicle for PCAARRD vis-NIR UGV/UAV Project”** with an Approved Budget for the Contract (ABC) **Seven Hundred Thousand Pesos Only (PhP 700,000.00)**. Quotation received in excess of the ABC shall be automatically rejected at the opening.

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
1.	1	Lot	Fabrication of Unmanned Ground Vehicle – Materials and Labor  Components: Chassis Frame: Tubular Aluminum/Steel Wheel set: Stainless steel Drill Mast: Stainless steel Solar Panel Stan: Stainless steel Anchor Drill Bracket: Stainless steel Payload Box: Aluminum 12 pcs Hub Motor 12 pcs Motor Controller  6 pcs Proximity Sensor +5V DC 2mA Quiescent Current 15 mA Working Current 15° Effective Angle Range: 2 mm - 400 mm / 1 inch - 13 foot Measurement: 0.3 cm Angle Measured: 30 degrees Dimensions: 45 x 20 x 15 millimeters 2 pcs Linear Actuator 300 mm stroke, 24V dc, 2000N, 7.6mm/s 2 pcs 2 Stage Viper-Slide Kit (Cable-Driven) 2 pcs 5203 Series Yellow Jacket Planetary Gear Motor 2 pcs 2-Pin JST VH to 3.5 mm Female Bullet Adaptor 2 pcs 4-Pos JST PH [MH-FC] to 4-Pos JST XH [MH-FC] Adaptor (600mm Length) 2 pcs Dual-Shaft Micro Metal Gearmotor 2 pcs Nema 42 Stepper Motor Bipolar 2 pcs Nema 34 Stepper Bipolar 2 pcs HMRV090 NMRV090 Worm Gear Reducer 2 pcs 50:1 Worm Gearbox NMRV50 Worm Gear Speed Reducer 19mm Input	700,000.00	700,000.00

			2 pcs Auger Drill, Earth Auger Power Head Steel 6" Inch x 30" Inch Bit Heavy Duty Electric Cordless Lithium Ion Battery 4 pcs Geared Brushless DC Motor 4 pcs Chuck, B16 B18 drill chuck +inner hole 8 9 10 11 12 14mm 16mm 17mm 18mm 19mm 20mm arbor adapter motor shaft connecting rod 2 sets Battery, 48v100ah-15s lifepo4 battery 4 pcs Electro-Hydraulic Actuator, 200mm stroke actuator 10000N 12V 24V electric hydraulic cylinder linear actuator 2 pcs Drill Bit A, 35mm diameter, 600mm length 4 pcs Drill Bit B, 40mm diameter, 750-800mm length		
			<i>Note: detailed design is available upon  request; supplier/fabricator must sign a  confidentiality/non-disclosure agreement  before receiving the detailed design</i>		
<b>TOTAL AMOUNT</b>					<b>700,000.00</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 Procurement Office through mail, fax or email at the contact details listed below **on or before 5:00 PM of August 17, 2023.**

Address : Procurement Office, Administration Building,  
Cavite State University  
Indang, Cavite  
E-mail : [procurementoffice@cvsu.edu.ph](mailto:procurementoffice@cvsu.edu.ph) / [rfqmain@cvsu.edu.ph](mailto:rfqmain@cvsu.edu.ph)  
Telefax : (046) 889-6373

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.

  
**ROSELYN M. MARANAN**  
BAC Secretary, Goods and Consulting Services