



Management  
System  
ISO 9001:2015  
www.tuv.com  
© 2015 TUV



Republic of the Philippines  
**CAMARINES NORTE STATE COLLEGE**  
F. Pimentel Avenue, Brgy. 2, Daet, Camarines Norte

---

**OFFICE OF THE BAC CHAIRPERSON FOR GOODS AND SERVICES**

October 29, 2019

**ADDENDUM NO. 1**

Series of 2019

**SUPPLY AND DELIVERY OF VARIOUS LABORATORY EQUIPMENT FOR  
THE COLLEGE OF ENGINEERING**

This Addendum No. 1 for the project Supply and Delivery of Various Laboratory Equipment for the College of Engineering is being issued in accordance with Revised IRR of R.A. 9184 specifically Section 22.5.2 & 22.5.3

This is to inform the prospective bidders of the herein attached corrected Schedule of Requirements in the Bidding Documents under Section VI – Schedule of Requirements.

This Addendum shall form integral part of the Bid documents.

  
**ROSALIE A. ALMADRONES, Ph.D.**  
BAC Chairperson for Goods and Services



Management System  
ISO 9001:2015

www.cns.edu.ph



Republic of the Philippines  
**CAMARINES NORTE STATE COLLEGE**

F. Pimentel Avenue, Brgy. 2, Daet, Camarines Norte

**ANNEX A**

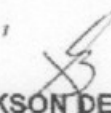
**SUPPLY AND DELIVERY OF VARIOUS LABORATORY EQUIPMENT FOR  
THE COLLEGE OF ENGINEERING**

Item No.	Quantity	Unit of Issue	Description	Unit Cost	Total Cost
1	1	set	Time Flight Acc	11,794.00	11,794.00
2	1	set	Rotating Platform	72,238.00	72,238.00
3	1	set	Mechanical Equivalent of Heat Apparatus	117,644.00	117,644.00
4	1	set	Surveying Equipment	75,500.00	75,500.00
			Operation Time: 10 hours		
			Minimum Reading: 1" /5" Selectable		
			Accuracy: 2" /5" Optional		
			Plate Level: 30" /2mm		
			Circular Level: 8' /2mm		
			System Auto Compensator: Liquid-electric		
			Detection $\pm 4'$ Circular Level $\pm 3'$		
			Vertical Compensator: Liquid-Electric Detection		
			$\pm 1''$ Plate Level: 30"/2mm		
			Dimensions (LxWxH): 165mmx 157mm x 318mm		
			Weight: 4.36 kg including battery		
			Working Temp: -20°C to +45°C		
5	1	set	Modular Circuits Essential Physics Include:	58,822.00	58,822.00
			Wireless Current Sensor		
			Wireless Voltage Sensor		
			Corner Module		
			Straight Module		
			Tee Module		
			Spring Module		
			Switch Module, SPDT		
			Switch Module, SPST		
			10 ohm resistor module		
			33 ohm resistor module		
			100 ohm resistor module		
			Capacitor module		
			Light Bulb Module		
			Potentiometer module		
			Motor Module		
			LED Module		
			1000 turn coil module		
			Battery holder module		
			Battery, AA		
			Jumper Clips		
			Diode		
			Leaded resistors		

Item No.	Quantity	Unit of Issue	Description	Unit Cost	Total Cost
			Leaded capacitor		
			Small magnets		
			Plotting compass		
			Alligator jumper wire		
			Gratnells storage tray		
			Downloadable experiments		
6	1	set	Wireless Centripetal Force accessory	5,897.00	5,897.00
7	1	set	Heater/Stirrer	46,144.00	46,144.00
8	1	set	Thermal Expansion Apparatus	43,490.00	43,490.00
9	1	set	Steam generator (can accommodate two units of thermal expansion at the same time)	92,435.00	92,435.00
10	1	set	Field mapper kit	29,485.00	29,485.00
11	1	set	Energy Transfer - calorimeter	21,819.00	21,819.00
12	1	set	Student power supply, 18VDC, 3A	28,600.00	28,600.00
13	1	set	Air Core Solenoid	25,062.00	25,062.00
14	2	sets	Alnico Bar Magnets	4,275.00	8,550.00
15	1	set	Basic Coil Set	42,016.00	42,016.00
16	1	set	Heavy Duty Galvanometer	31,108.00	31,108.00
17	1	set	AC/DC Power Supply (12V/3A)	33,613.00	33,613.00
18	1	set	Basic Optic System	75,628.00	75,628.00
19	1	set	Diffraction Kit include:	57,200.00	57,200.00
			Single-slit wheel with holder		
			Multiple-slit wheel with holder		
			Red diode laser-basic optics		

**TOTAL ABC**      **877,045.00**

Reviewed by:

  
**ENGR. JACKSON DE CHAVEZ**  
 BAC TWG