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Republic of the Philippines  
**CAMARINES NORTE STATE COLLEGE**  
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**OFFICE OF THE BAC CHAIRPERSON FOR GOODS AND SERVICES**

December 15, 2020

**ADDENDUM NO. 1**  
Series of 2020  
**SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES AND  
EQUIPMENT (EARLY PROCUREMENT 2021)**

This Addendum No. 1 for the project Supply and Delivery of Various Laboratory Supplies and Equipment (Early Procurement 2021) 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 and Technical Specification** in the Bidding Documents under Section VI – Schedule of Requirements and Section VII – Technical Specifications.

This Addendum shall form integral part of the Bid documents.

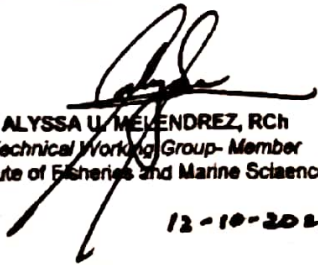
  
**ROSALIE A. ALMADRONES, Ph.D.**  
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**ANNEX A- SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES AND EQUIPMENT (EARLY PROCUREMENT 2021)**

Item No.	Item Description	Quantity	Unit	Unit Cost	Total Cost
1	<b>Alcohol Lamp</b> 150ml Chemically Heated Glass Instrumentation Tester Burning Lamp Height 10.8m Width 5.7-7.9cm	16	Pc	631.00	10,096.00
2	<b>Balance Triple Beam</b> Triple beam balance MB-2610 Max. Weight: 2610g Graduation Value: 0.1g Beam calibrations; 10*0.1g, 100*10g, 500*100g Total capacity is 2610grams	7	unit	15,000.00	105,000.00
3	<b>Bunsen Burner</b> Single tube gas lighter lab equipment, still type	1	Pc	677.00	677.00
4	<b>Copper Inoculating Rod</b> Pure Copper Microbiology Inoculation Inoculating Rod Handle Loop	2	Set	875.00	1,750.00
5	<b>Crucible with Cover</b> Porcelain Crucible, 50ml, 46mm H x 48mm Diameter	15	Pc	1,775.00	26,625.00
6	<b>Dissecting Sets</b> (stainless, Dissecting Scissors, Thumb Forceps, Scalpel, Needle, Flapper, Magnifier Set of Pins)	1	Set	3,288.00	3,288.00
7	<b>Electro Magnetic Air Pump</b> RESUN ELECTRO MAGNETIC AIR PUMP Specifications: Resun ACO 004 Electro Magnetic Air Pump MODEL: ACO-004 Voltage : 220V POWER : 58W PRESSURE : 0.028MPa OUTPUT : 75L/min Diameter of outlet : 10mm SPEC OF DIVIDER : 6 OUTLETS Weight : 2.5kg SIZE: 210*125*155mm	2	Unit	6,340.00	12,680.00
8	<b>Erlenmeyer Flask</b> With stopper 250mL, Pyrex	15	Pc	635.00	9,525.00
9	<b>Erlenmeyer Flask</b> With stopper 500mL, Pyrex	15	Pc	800.00	12,000.00
10	<b>Freezing Thermometer</b> Ideal for monitoring temperature in food processing, boilers, and grain Extra Large Display 19" Probe Waterproof. Dimensions: Display Unit 4 3/4" x 3 1/2" x 1" (122 x 85 x 30 mm) Probe Length 19" (5m), diamter 0.2" (5mm), Handle 2 1/2" (65mm), Cable 59" (1.5m), Weight: 7 oz (200 g)	1	Pc	27,108.00	27,108.00
11	<b>Glass Beaker</b> set of 25ml, 50ml, 100ml, 150ml, pyrex/cordial	15	Set	1,350.00	20,250.00
12	<b>Glass Cell Spreader</b> Glass Transparent Wide Cell Spreading Bar Used for Biological Experiment Specification: Material: Glass Color: Clear	4	Pc	595.00	2,380.00
13	<b>Glass Stirring</b> (200 mm glass stirring rod (10 pcs/set)	9	Set	288.00	2,592.00
14	<b>Graduated Reagent Bottle</b> Clear 250ml Wide Mouth with screw cap	15	Pc	835.00	12,525.00
15	<b>Haemocytometer</b> (Hemocytometer (NEUBER CHAMBER) Microyn Improved Neubauer Hemocytometer /Blood Counting Chamber/ Cell Counting Chamber with Bright Line Two Real 0.4 mm Hemocytometer Glasses Included. Cover glass precisely held 0.1 mm above counting chamber)	2	Pc	7,500.00	15,000.00
16	<b>Hot Plate</b> Electric Stove HEHP-6027 • Heavy duty heating plate •Temperature level selection with thermostat •Pilot lamp for power on •Easy to clean body and heating surface •Max 500C surface temperature	10	Unit	2,395.00	23,950.00
17	<b>Microscope Slide Staining Rack</b> Allows for the simultaneous staining of 24 slides	3	Pc	2,030.00	6,090.00

18	<b>pH Meter</b> PH METER, MODEL-PH211	5	Pc	15,000.00	75,000.00
19	<b>Plastic Sealer</b> HappyMall 400W Impulse Heat Sealer 8 Mode Plastic Bag Film Sealing	1	Pc	6,690.00	6,690.00
20	<b>Potatodextrose Agar</b> 100grams Manufactured by SRL- Sisco Research Laboratory	1	pack	7,300.00	7,300.00
21	<b>Prepared Slides</b> Bacteria And Fungi Microscope Slide Set	1	box	10,365.00	10,365.00
22	<b>Rimless Culture Test Tube</b> Test Tube Vista Pyrex, 12x75 or 5ml, 12pcs/set	14	set	472.00	6,608.00
23	<b>Salinometer</b> (Refractometer Salinometer, 3 in 1 refractometer can measure brx, salinity and water gravity, automatic temperature compensation, temp range 10°C-30°C, rubberized grip handle, measuring range: 0-1%Brix, 0-100%salinity, 1.000-1.070 water gravity, tem.:10-30°C, length: approx 7cm/2.1inch, weight: approx : 234g/8.25oz)	3	pc	4,000.00	12,000.00
24	<b>Screw Cap Culture Test Tubes</b> Screw Cap Test Tube Vista Pyrex, 16x100 or 11m, 6pcs/set	14	Set	310.00	4,340.00
25	<b>Secchi Disk</b> Secchi disk with 72 feet (22 meter) polymer line Dimension: 7.75" diameter Line length is approximately 72ft (22m)	2	Pc	21,125.00	42,250.00
26	<b>Soil pH Meter</b> 4 in 1 LCD soil moisture, temperature (C and F), sunlight, pH meter	3	Set	20,000.00	60,000.00
27	<b>Test Tube Rack</b> Test Tubes and Stainless Steel Tube Rack Set, 12pcs of Vol 30ml Tubes with Black Caps, Stainless Steel Tube Rack, Suitable for Tubes of Dia ≤25mm, 12 Holes. UTR1014	10	Pc	1,000.00	10,000.00
28	<b>Test Tube Holder</b> (11.5 cm test tube holder)	17	pcs	300.00	5,100.00
29	<b>Thermocouples</b> Proster Digital Thermocouple Temperature Thermometer with Two K-Type Thermocouple Probe Backlight LCD	2	Unit	10,000.00	20,000.00
30	<b>Vernier Calliper</b> PRECISION   ACCURACY: Measurement Range: 0 - 6" and 0 - 150mm	5	Pc	5,000.00	25,000.00
31	<b>Weighing Balance/Scale</b> AC/DC exchangeable, balance level, LCD display. AC 220V, 50/60Hz, power cord, dry baery reservation position, scale size 130mm*130mm, CAPACITY: 0-3000g	1	Unit	49,550.00	49,550.00
32	<b>Multi-Parameter Test</b> Parameters: pH/ EC/ CF/ TDS meter.	1		65,000.00	65,000.00
				<b>TOTAL AMOUNT:</b>	<b>680,707.00</b>

Prepared by:

  
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 Technical Working Group- Member  
 Institute of Fisheries and Marine Sciences

12-10-2020

**ANNEX A - SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES AND EQUIPMENT (EARLY PROCUREMENT 2021)**

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	TOTAL COST
<b>COLLEGE OF ENGINEERING</b>					
1	Simple Distillation Set-up (tripod, wire gauze (ceramic center), boiling flask (500ml), kjeldahl ball (50mm), Liebig condenser (300mm), Condenser clamp, Cast iron base with support rod, Erlenmeyer flask(500ml), 2pcs rubber stopper with hole)	6	set	7,500.00	45,000.00
2	Separatory Funnel (500ml, with graduation, stopper and stopcock)	7	piece	3,500.00	24,500.00
3	Glass Filtering Flask with glass connection (500 ml with rubber stopper)	6	piece	3,000.00	18,000.00
4	Glass Filtering Flask with glass connection (500 ml with rubber stopper)	2	roll	4,000.00	8,000.00
5	Parafilm roll (4 in x125 ft)	36	piece	75.00	2,700.00
6	L-shape glass rod	3	box	1,900.00	5,700.00
7	Filter paper	7	piece	315.00	2,205.00
8	pH paper Litmus paper (Red and blue)	5	piece	380.00	1,900.00
9	pH paper Litmus water test kit	21	piece	325.00	6,825.00
10	Stirring rod (glass)	40	piece	260.00	10,400.00
11	Wire gauze (5 in x 5 in)	10	piece	770.00	7,700.00
11	Crucible long				
<b>COLLEGE OF ARTS AND SCIENCES</b>					
12	Acid fast stain set (AFB) Cold (500cc)	1	set	5,175.00	5,175.00
13	Acid fast stain set (AFB) Hot Method (500cc)	1	set	7,100.00	7,100.00
14	Anti-D (Anti-Rh) (10 ml)	1	bottle	780.00	780.00
15	Anti-D (Anti-Rh) (10 ml)	75	pieces	500.00	37,500.00
15	Prepared Slides (Coccus form, Gram negative bacillus, Gram negative coccus, Gram positive bacillus, Gram positive coccus, Lactobacillus, Neisseria gonorrhoeae, Salmonella typhi, Spirillum form, Bacillus type-bacillus, spirillum in mixed smear, Malaria Parasite (in Human Blood), Liver Fluke w.m., Liver fluke c.s., Liver fluke cercaria w.m., Liver fluke egg w.m., Tapeworm w.m., Tapeworm c.s., Tapeworm scolex w.m., Tapeworm eggs w.m., Ancylostoma (Hookworm) w.m., Ancylostoma Male (Hookworm) w.m., Ancylostoma Female (Hookworm) w.m., Ascaris eggs w.m., Ascaris Male c.s., Ascaris Female c.s., Enterobius w.m., Ascaris Male and Female c.s on the same slide, Drosophila w.m. (fruit fly), Drosophila chromosome, Drosophila eggs w.m., Drosophila larva w.m., Drosophila pupa w.m., Amphioxus entire w.m. (Lancelet), Testis mature sperms c.s., spermatozoa, Sperm smear, Chicken ovary c.s. showing eggs, Chicken embryology 13hrs Primitive streak c.s., Chicken embryology 18hrs blastoderm c.s., Chicken embryology 21 hrs 1-3 somites w.m., Chicken embryology 24 hrs 7 somites w.m., Chicken embryology 30 hrs 8-13 somites w.m., Chicken embryology 30 hrs 8-13 somites w.m., Chicken embryology 30 hrs 8-13 somites w.m., Begonia stem c.s., Buttercup stem (ranunculus) c.s., Dicot stem c.s., Allium leaf c.s., Orchid leaf sec, Dicot and Monocot stem c.s on the same slide, Dicot and Monocot root c.s on the same slide, Dicot and Monocot leaf c.s on the same slide, Concentric Amphivasal vascular bundle, Concentric Amphicribal vascular bundle, Conjoint bicollateral vascular bundle, Conjoint collateral closed vascular bundle, Conjoint collateral opened vascular bundle, Radial vascular bundle, Plant Anaphase Stage, Plant Interphase Stage, Plant Metaphase Stage, Plant Prophase Stage, Plant Telophase Stage.				
16	Blood Typing Sera, A (10 ml)	1	bottle	1,500.00	1,500.00
17	Blood Typing Sera, B (10 ml)	1	bottle	1,500.00	1,500.00
18	Copper Sulfate (CuSO4) (500g)	1	bottle	2,110.00	2,110.00
19	Copper Sulfate (CuSO4) (500g)	1	bottle	1,715.00	1,715.00
20	Crystal Violet (500ml)	1	bottle	4,000.00	4,000.00
21	Egg turners	1	set	4,000.00	4,000.00
22	Ethyl Alcohol (Absolute, 1000 ml)	1	bottle	2,750.00	2,750.00
23	Female Reproductive Organ Model Internal & External (4parts), 14x14x12 cm/ 5.5x5.5x4.6 in., eco-friendly PVC, Odorless, non-toxic, non-fading	1	piece	10,350.00	10,350.00
24	Formalin (2.5l)	1	bottle	2,960.00	2,960.00
25	Giemsa stain (500cc)	1	set	4,755.00	4,755.00
26	Gram Stain Set (500cc)	1	set	5,280.00	5,280.00
27	Human Physiology Model human physiology model Educational Charts & Models included Size: 100 x 70cm	1	piece	9,000.00	9,000.00
28	Hydrochloric Acid (HCl) (500 ml)	1	bottle	275.00	275.00
29	Laboratory Stool Stainless steel, Tubular steel, 22.5 seat height	10	pieces	7,438.00	74,380.00
30	Linear Acrylic Stand	5	set	4,250.00	21,250.00
31	Male Genital Organ Model Internal & External Sexual Reproductive System Anatomical Model (4parts), 12.5x18x16.5cm/ 4.9x7.1x6.5 in., Eco-friendly PVC, odorless, non-toxic, non-fading	1	piece	10,350.00	10,350.00
32	Micropipettor (100-1000 ul)	2	piece	8,500.00	17,000.00
33	Micropipettor (1-10 ul)	2	piece	8,500.00	17,000.00
34	Micropipettor (20-200 ul)	2	piece	8,500.00	17,000.00
35	Micropipettor (2-20 ul)	1	piece	8,500.00	8,500.00
36	Micropipettor (5-50 ul)	1	piece	8,500.00	8,500.00
37	Nutrient Agar (500g)	1	bottle	8,400.00	8,400.00
38	Nutrient Broth (500g)	1	bottle	8,400.00	8,400.00
39	Potassium Iodide (KI) (100g)	1	bottle	7,185.00	7,185.00
40	Potato Dextrose Agar (500g)	1	bottle	8,400.00	8,400.00
41	Racks for the Blue Tips (1000 ul)	2	piece	1,060.00	2,120.00
42	Racks for the Yellow Tips (200 ul)	2	piece	845.00	1,690.00
43	Silver Nitrate (AgNO3) (25g)	1	bottle	3,600.00	3,600.00
44	Sodium Hydroxide (NaOH) (500g)	1	bottle	1,650.00	1,650.00

44	Exhaust fan with installation 12 inches wall mounted exhaust fan, anti-vibration mounting, equipped with thermal fuse, Reduced noise, 50W	6	piece	4,000.00	24,000.00
45	Fumehood with accessories and installation. Fully configurable Silver Microprocessor control w/ audible and visual alarms, Instant-start electronically ballasted lighting system (>900lux), Integral fluorescent lighting mounted out of the air stream, Internal liner: phenolic resin laminates, Black colored phenolic resin worktop surface, Isocide™ Antimicrobial coating, laminated vertical rising sash with fail safe counter balanced mechanism, Standard service fixtures: 1 water fixture, 1 gas fixture, 2 electrical outlets	1	unit	315,000.00	315,000.00
46	Digital Compound Microscope with 8" tablet (3.1MP Built in camera and 10.8" Windows tablet PC with objectives, rackless stage and exclusive performance in illumination, brightfield, binocular, 360degrees rotating and 30 degrees inclined, dioptic adjustment on left eye. Built in 3.1 MP camera, eyepiece with high eye-point and secured by screw, nosepiece-quadruple revolving nosepiece, rotation on ball bearings. Focusing -coaxial coarse and fine focusing mechanism with limit stop to prevent the contact between objective and specimen.	3	unit	198,000.00	594,000.00
47	Laboratory Egg Incubator Exterior structure in colorful steel plate; edge covered by aluminum alloy. Hatching rate 95%. Temp. precision and range: ±0.1°C and 0-99.9°C, LCD Display real-time and setting temperature/humidity, humidity range and precision: 0-99%RH, ±5%RH; Audio and visual alarm for: High or low temperature, high or low humidity, w/ air circulating fan, manual tray tilting device	1	unit	82,115.00	82,115.00
48	Sterile Lancet 100 pcs. Medical Disposable CE approved sterile blood Lancet	1	set	320.00	320.00
49	Sudan Red	1	bottle	700.00	700.00
50	Muscular Torso Dual Sex Open Back Deluxe Dual Sex Torso with Muscular Arm Model 33-part (life size), 35.43" (90cm), 50.27 lbs ( 22.80 kg )	1	piece	37,175.00	37,175.00
51	Human Circulatory System X Life size model, hardened plastic-loaded metal wire supported by metal rod, mounted on a metal stand, 51"x20"x14" ( 20lbs) (wt: 87 lbs)	1	piece	14,575.00	14,575.00
52	Anatomical Structure of Endocrine System Endocrine system 3-D model activity Set - 18"x24" Frontal Section of Human Body, PVC Plastic, Dimensions: 9.44"x2.3"x15' Wt: 2.2 lbs	1	piece	25,000.00	25,000.00
53	Autoclave Digital, microprocessor controlled, 22 Liter chamber, Sterilizing op. temp 105 - 123°C, 0 - 127kPa and 147kPa max., 400W x 460D x 920H (Height from floor to control panel:705), net wt. 50kg	1	piece	312,000.00	312,000.00
54	Organs of Endocrine System Pituitary Gland and Hypothalamus Gland Model	1	unit	20,000.00	20,000.00
					1,869,990.00

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