	<b>MARIANO MARCOS STATE UNIVERSITY</b> Procurement Division	Document Code	PD-FRM-002
	<b>Request for Quotation (RFQ)</b> <b>(Goods and Services)</b>	Revision No.	4
		Effectivity Date	January 8, 2021

### REQUEST FOR QUOTATION (RFQ)

Date: April 6, 2022

PR No.: 2022-04-120 (052064410)

Sir/Madam:

Please quote your lowest price on the item/s listed below, and submit your quotation duly signed by you or your duly authorized representative not later than **3 days** subject to the Terms and Conditions provided at the last page of this RFQ.

Delivery period must be at least within 90 days upon receipt of the Notice to Proceed or Purchase Order.

For any clarification, you may email us at [bac@mmsu.edu.ph](mailto:bac@mmsu.edu.ph).

  
**NATHANIEL R. ALIBUYOG**  
BAC Chair

ITEM	QTY	Unit	ITEM DESCRIPTION	ABC/unit	UNIT PRICE
LSE-087-713	10	set	<b>2 ADJUSTABLE CLIP LABORATORY FLASK AND BURETTE CLAMP, .</b>	400.00	
LSE-087-697	2	unit	<b>ACETYLENE, 2.5L</b>	2,500.00	
LSE-087-714	10	piece	<b>ACID BURETTE, 50ml</b>	2,500.00	
LSE-087-216	2	bottle	<b>ALCOHOL, Denatured, 1 gallon per bottle</b>	400.00	
LSE-087-400	3	gallon	<b>ALCOHOL, denatured</b>	700.00	
LSE-087-699	1	piece	<b>ANHYDROUS SODIUM CARBONATE, 500g</b>	1,500.00	
LSE-087-693	2	unit	<b>BENCH-TOP PH / MV METER, "with holder arm, computer cable and software, Dimension: 8½" x 7" x 2¼" (216 x 178 x 57 mm) pH (Range: 0 ~ 14, Resolution: 0.01, Accuracy: ±0.02), Warranty: 5 years, Automatic or manual temperature compensation. Automatic or manual ranging. Automatic buffer recognition. Digital and analog outputs. Electrode status indication. Operates on AC 220 voltage (no batteries)"</b>	19,000.00	

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ITEM	QTY	Unit	ITEM DESCRIPTION	ABC/unit	UNIT PRICE
LSE-087-696	2	unit	BENZENE, 2.5L	2,500.00	
LSE-087-701	1	piece	CARBON TETRACHLORIDE, 2.5L	2,000.00	
LSE-087-229	1	bottle	CHLOROFORM, 2.5 L/bottle	8,000.00	
LSE-087-861	1	unit	COLD PACK FREEZING UNIT, Mobile, Dimensions (H x L x W): 33" x 21" x 26", Capacity: Five cubic capacity, Stainless steel trays and shelves, With 12 standard size (11" x 14") cold packs, With user manual; Inclusive of delivery, installation, calibration, maintenance, training, and after sales services	72,000.00	
LSE-087-233	4	pack	COTTON, 400g	250.00	
LSE-087-736	5	box	DEPRESSION SLIDES, reusable, 12 pcs/box	700.00	
LSE-087-238	1	bottle	DI-SODIUM BIPHOSPHATE, 500g/bottle	2,000.00	
LSE-087-721	1	bottle	DI-SODIUM TETRABORATE, 500g/bottle	4,000.00	
LSE-087-858	4	unit	DIGITAL TOPLOADING BALANCE, Size:127—106—18MM Scale Material: Stainless Steel Body Material: ABS Measure: 0.5g-3kg-0.1g Error Allowed: ±0.5g	500.00	
LSE-087-625	5	piece	DISSECTING PAN, with wax, dimension 30cm x 25cm x 5cm	500.00	
LSE-087-726	1	piece	DISSOLVED OXYGEN ELECTRODE, 250ml	3,000.00	
LSE-087-618	1	unit	DISSOLVED OXYGEN METER, "Do: 0.0 to 199.9%; Resolution: 0.1%; Accuracy: ± 1.5% of f.s; Do ppm: 0.00 ~ 19.99ppm; Resolution: 0.1ppm; Accuracy: ± 1.5% of f.s; Temperature: 0 ~ 50; Resolution: 0.1 / 0.1; Accuracy: ± 0.3; Salinity compensation: 0.0 ~ 50.0 ppt; Resolution: 0.1ppt; Pressure compensation: 500 ~ 1499mmhg / 166.6 ~ 199.9kpa; Resolution: 1mmhg / 0.1kpa; Data storage: 99 sets of data with Instant record and Infrared transmission; 4-digit display, displaying% or ppm and temperature values; Operating environment 0-80% rh, 0-50; Dimensions 175x70x33mm Included: Az8403 meter *1pcs Probe 840p *1pcs Black retail box *1 O-ring *5 pcs Membrane *5 pcs Electrolyte*2pcs English manual*1pcs"	12,000.00	

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LSE-087-873	1	unit	<b>EOSIN METHYLENE</b> , Blue Agar, 500 g per bot	4,000.00	
LSE-087-057	6	bottle	<b>ETHANOL</b> , Absolute, molecular grade, 2.5 L/bottle	2,035.00	
LSE-087-720	1	bottle	<b>ETHYL ACETATE</b> , 1L/bottle	2,500.00	
LSE-087-621	5	piece	<b>EYEPIECE MICROMETER</b> , Diameter 24mm Optical Glass Cross Ruler Net Concentric Circles Rings Needle for Stereo Microscope 30 30.5mm	3,000.00	
LSE-087-735	5	piece	<b>FLASK CLEANING BRUSH</b> , .	450.00	
LSE-087-263	5	box	<b>GLASS SLIDES</b> , with cover slip 72 pcs/box (frosted)	200.00	
LSE-087-874	25	unit	<b>GOLDEN LOUPE MAGNIFIER</b> , in mini size Foldable, portable, convenient to carry. Material: Stainless Steel, zinc alloy, optical glass Amplification Factor: 30X Open Full Size: Approx. 2.36*0.98*0.71inch / 6*2.5*1.8cm Fold Size: Approx. 1.42*0.98*0.71inch / 3.6*2.5*1.8cm Lens Diameter: 0.83inch / 21mm Color: Golden	150.00	
LSE-087-695	2	unit	<b>HEXANE</b> , 2.5L	2,500.00	
LSE-087-623	10	unit	<b>LABORATORY THERMOMETER</b> , Alcohol Base; Range: -20°-250°C; Material: Glass; Type: Alcohol base	500.00	
LSE-087-738	5	bundle	<b>LENSE PAPER</b> , 100 sheets/bundle	182.92	
LSE-087-705	1	pack	<b>LITMUS PAPER</b> , Red, pack of 100	900.00	
LSE-087-706	1	pack	<b>LITMUS PAPER</b> , Blue, pack of 100	900.00	
LSE-087-707	1	pack	<b>LITMUS PAPER</b> , Neutral, pack of 100	900.00	

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LSE-087-691	1	unit	<b>MANUAL CAPSULE FILLER</b> , "with: A bed of about 100-200 holes, size 0 and 1 (optional)A loading tray with about 100-200 holes. A powder trays. A pin plate with about 100-200 pins A sealing plate with a rubber cap. A lever. A cam handle and sorting tray."	10,000.00	
LSE-087-710	10	piece	<b>MEASURING PIPETTE</b> , 1mL, Glass, 0.1mL intervals	400.00	
LSE-087-711	20	piece	<b>MEASURING PIPETTE</b> , 5mL, Glass, 0.1mL intervals	600.00	
LSE-087-712	10	piece	<b>MEASURING PIPETTE</b> , 10mL, Glass, 0.1mL intervals	900.00	
LSE-087-284	4	bottle	<b>METHANOL</b> , absolute, AR, 2.5L/bottle	2,000.00	
LSE-087-627	1	set	<b>MICROSCOPE CLEANING KIT</b> , type A and B immersion oils; volume: 1/4 Oz (7ml); refractive index: ND=1.515; meets ISO-8036/1; Standardized at 23'C, task wipers: 280-count, 4.4" x 8.4" (11cm x 21cm), Optics cleaning liquid (glycol): 59.2ml, Brush length: 5-1/2" (13.5cm), Screen cleaning liquid: 100ml, Cleaning cloth: 5-7/8" x 6-3/4" (15 x 17cm)	2,500.00	
LSE-087-624	2	box	<b>MICROSCOPE COVER SLIP</b> , 22mm x 22mm; 0.13-0.17 mm thick; approx. 140 pcs/box	600.00	
LSE-087-674	1	bottle	<b>NUTRIENT AGAR</b> , 500g/bottle	3,000.00	
LSE-087-719	1	unit	<b>OPEN PAN EVAPORIMETER</b> , Bottom Plate Acrylic Plastic Sheet; Thermometer Clamp Copper; Platform Wooden; Inner Diameter 122 mm; Size 1.22 x 0.255 m (diameter x height); Accuracy of Reading 0.1 mm; Pan Evaporimeter Copper Sheet Of Thickness 1.0 +-0.1 Mm Point Gauge And Stilling Well Made From Brass	20,000.00	
LSE-087-727	1	roll	<b>PARAFILM</b> , 4 inches x 125 ft. roll	3,000.00	
LSE-087-125	250	set	<b>PETRI DISH</b> , (pair), 10x15mm disposable,	24.20	
LSE-087-694	2	unit	<b>PETROLEUM ETHER</b> , 2.5L	2,500.00	
LSE-087-724	1	piece	<b>PH 10.0 BUFFER</b> , 250ml	3,000.00	

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LSE-087-722	1	piece	PH 4.0 BUFFER, 250ml	3,000.00	
LSE-087-723	1	piece	PH 7.0 BUFFER, 250ml	3,000.00	
LSE-087-725	1	piece	PH ELECTRODE, 250ml	3,000.00	
LSE-087-698	1	unit	PHENYLHYDRAZINE HYDROCHLORIDE, 100g	2,000.00	
LSE-087-868	10	unit	PIPETTE, 25ml	150.00	
LSE-087-869	10	unit	PIPETTE, 10ml	250.00	
pack	1	pack	PIPETTE TIPS 0.1- 2.5 UL, 1000 pcs/pack	3,000.00	
LSE-087-732	1	pack	PIPETTE TIPS 1.5-10 UL, 1000 pcs/pack	3,000.00	
LSE-087-730	1	pack	PIPETTE TIPS 10- 100 UL, 1000 pcs/pack	3,000.00	
LSE-087-734	1	pack	PIPETTE TIPS 100-1000 UL, 1000 pcs/pack	3,000.00	
LSE-087-733	1	pack	PIPETTE TIPS 20-200 UL, 1000 pcs/pack	3,000.00	
LSE-087-628	1	unit	PLANKTON NET, 20µ,30 cmx120cm, each net comes complete with heavy-duty nytex nyl-n net, a stainless ring and bridle, and PVC cod end assembly. The high efficiency cod end is a two-piece design with stainless steel fasteners. The lower collection cup is lined with Nitex® mesh where the entire sample is concentrated and easily removed.	25,000.00	
LSE-087-875	1	unit	PLANKTON NET, 250 µm mesh size	8,500.00	
LSE-087-622	1	unit	PORTABLE LABORATORY WEIGHING SCALE, "Sensitivity: (g) 0.1 Repeatability: 0.1g (standard deviation) Tare Range: 0-300g Mass (kg): 1.4 Weighing Pan Dimensions (mm): 158(W)-146(D) Main Unit Dimensions, Width W x Depth D x Height H (mm): 186.1-218-76.9 Stabilizing Time (seconds): 3 (representative value) Maximum Capacity (g): 300 Calibration weight: 300g Power Supply AC adapter: (stand+B24ard accessory) or AA batteries x 4 Battery Life (hours): Approx. 50 (when using alkaline batteries) Display Format: Digital Type: Digital scales Protection Class: IP65 Display Part: LCD display with backlight (Character height: 20mm) Material (Body): Made of T304 stainless steel Material (weighing pan): Made of T304 stainless steel Weighing plate shape: Square plate Type of Weighing: Weight, %, specific gravity measurement Unit of weighing: g Linearity: ±0.1g"	35,000.00	

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ITEM	QTY	Unit	ITEM DESCRIPTION	ABC/unit	UNIT PRICE
LSE-087-619	2	unit	<b>PORTABLE PH METER,</b> "TDS/PH/EC/TEMPERATURE METER 4 IN 1 MEASURING RANGE: PH:0.00-14.00PH; TDS: 0- 19990PPM; EC: 0-19990µS/CM RESOLUTION: 0.01 PH; 1PPM; 1µS/CM; 0.1µf; 0.1°F ACCURACY: PH: +/-0.01 PH; TDS/EC: +/-2%; TEMP: 0.5µf BATTERIES: 3 * 1.5V LR44 BUTTON CELL TEMP.: 0.1-60.0µf; 32.0-140.0°F CALIBRATION: PH: THREE POINTS AUTOMATIC CALIBRATION (6.86 & 4.00 & 9.18PH); TDS: 1413µS/CM;EC: 1413µS/CM AUTO SHUT OFF: 5 MINUTES"	5,000.00	
LSE-087-700	1	piece	<b>POTASSIUM BISULFITE, 500g</b>	2,000.00	
LSE-087-456	2	bottle	<b>POTATO DEXTROSE AGAR,</b> for isolation and enumeration of yeasts and moulds, 500 grams per bottle	2,900.00	
LSE-087-877	1	unit	<b>REVERSE OSMOSIS WATER FILTER SYSTEM,</b> Specifications: Stage 1 FA-Sediment (5µ), Stage 2: FA-GAC, Stage 3 FA-CTO, Stage 4 RO Membrane, Stage 5 Post, GAC Membrane Capacity: 80 gal/day, Maximum Pressure: 60 psi, Tank Dimension (H x W x L): 14.7€³ x 11.0€³ x 11.0, Tank Weight 3.5 kg, Unit Dimension (H x W x L) 19.0€³ x 15.2€³ x 9.7€³, Unit Weight: 10.2 kg, Temperature: 10°C to 45°C	25,000.00	
LSE-087-151	20	unit	<b>RUBBER ASPIRATOR,</b> rubber suction 30ml	70.40	
LSE-087-867	5	unit	<b>RUBBER ASPIRATOR,</b> heavy duty	300.00	
LSE-087-708	1	piece	<b>RUBBER TUBING,</b> For Chemistry and Laboratory Apparatus, Inner diameter: 4mm, Outer diameter: 6mm, Thickness: 1.5mm, Length: 10m	700.00	
LSE-087-709	1	piece	<b>RUBBER TUBING,</b> For Chemistry and Laboratory Apparatus, Inner diameter: 5mm, Outer diameter: 7mm, Thickness: 1.5mm, Length: 10m	900.00	
LSE-087-703	1	piece	<b>SILVER NITRATE, AR, 100g</b>	2,500.00	

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ITEM	QTY	Unit	ITEM DESCRIPTION	ABC/unit	UNIT PRICE
LSE-087-702	1	piece	<b>SODIUM HYPOBROMITE, 100g</b>	1,500.00	
LSE-087-866	1	unit	<b>SOIL PH METER, 4 in 1 soil pH Moisture Light soil meter Thermometer Temperature Tester</b>	5,000.00	
LSE-087-626	3	piece	<b>STAINLESS STEEL CELL SPREADER, triangular end with straight spreading bar; size 302 mm (8") long, autoclavable</b>	1,500.00	
LSE-087-715	15	piece	<b>TEST TUBE RACK, "High Quality Plastic, 90 placers for 14/16mm Diameter tubes, Square Holes PP Material90 Placer Autoclavable Dis-assembled, Heat and Chemical Resistant"</b>	600.00	
LSE-087-716	15	piece	<b>TEST TUBE RACK, "High Quality Plastic, 60 Placer for 17/19mm Diameter tubes, FOR 60 PLACER: Square Holes PP Material60 Placer Autoclavable Dis-assembled, Heat and Chemical Resistant"</b>	600.00	
LSE-087-718	1	unit	<b>THERMOHYGROMETER, Temperature and humidity recorder (with test report) Clock Function; Quartz clock, one rotation of drum; Power Supply; C-size batteries x 2; Mass (kg): 2.8; ASONE part number: 1-5065-01; Recording Time: 1 day (24 hours)-99 days (2376 hours); Included Accessories: Recording paper for 7 days (55 sheets), C-size batteries x 2; Dimensions (mm): 336—140—285; Measurement Method: Temperature / bimetal, humidity / hair (degreased); Range of Measurement: Temperature / -20-50 „f, Humidity / 0-100%; Minimum Scale: Recording paper: temperature / 1 „f, humidity / 1%; Measuring Accuracy: Temperature / ± 1.0 „f, Humidity / ± 3%</b>	40,200.00	
LSE-087-863	1	unit	<b>THERMOMETER, Battery: 1 x button cell (included), -Material: ABS (body), 304 stainless steels(probe), -Temperature range: -50°C to 300°C (-58°F to 572°F), -Resolution and accuracy: 0.1°C/0.2°F; +/-1°C ( -2°F) at -20°C to 150°C (-4F to 392F), -Short Probe length: 130mm, -Long probe length: 163mm; Wire length: 115cm, -Reaction time: 2-4 seconds</b>	1,040.00	
LSE-087-864	2	unit	<b>TREE DIAMETER TAPE, 2000 mm 79-inch PVC soft</b>	750.00	

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ITEM	QTY	Unit	ITEM DESCRIPTION	ABC/unit	UNIT PRICE
LSE-087-879	1	unit	<b>UV VIS-SPECTROPHOTOMETER</b> , Wavelength accuracy $\pm 0.9$ nm; Wavelength Range (nm) 190 nm; 1,100 nm; Displayed Resolution 800x400; Dimensions (Width) 208 mm (8.19 in); Dimensions (Height) 228 mm (8.98 in)	110,000.00	
LSE-087-704	6	box	<b>WHATMAN QUALITATIVE FILTER PAPER</b> , Grade 1, box of 500	1,500.00	
LSE-087-717	2	unit	<b>WIRED DIGITAL THERMOMETER</b> , Temperature Range: $-50^{\circ}\text{C}$ to $+200^{\circ}\text{C}$ ( $-58^{\circ}\text{F}$ to $+392^{\circ}\text{F}$ ); Accuracy: $\pm 2^{\circ}\text{C}$ ( $\pm 4^{\circ}\text{F}$ ); Resolution: 0.1 $^{\circ}$ ; Measurement Rate: 1 time per second; Auto Power Off: 10 minutes; HI/Low Temperature Alarm; Low Battery Indication; Alarm Temperature Range: $-40^{\circ}\text{C}$ to $+200^{\circ}\text{C}$ ( $-40^{\circ}\text{F}$ to $+392^{\circ}\text{F}$ ); Shut down the alarm by pressing any button	1,375.00	

**TOTAL ESTIMATED BUDGET:** 676,278.60

**REMARKS/NOTE:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

After having carefully read and accepted your Terms and Conditions, I/we submit our quotation/s on the item/s at prices indicated above.

Business Name: \_\_\_\_\_  
 Business Address: \_\_\_\_\_  
 Printed Name of the Owner: \_\_\_\_\_  
 TIN: \_\_\_\_\_  
 PhilGEPS Registration Number: \_\_\_\_\_  
 Business Permit: \_\_\_\_\_  
 Omnibus Sworn Statement: \_\_\_\_\_  
 Annual Income Tax Return: \_\_\_\_\_

\_\_\_\_\_  
 Signature over Printed Name  
 \_\_\_\_\_  
 Tel. No./Cellphone No./e-mail address  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Date

Canvassed by: \_\_\_\_\_

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