

October 30, 2019

BIDS AND AWARDS COMMITTEE
Supplemental/Bid Bulletin No. 1
Series of 2019

This Supplemental/Bid Bulletin No. 1 is issued by the Bids and Awards Committee (BAC) to modify or amend the Bid Documents for the project below. This shall form an integral part of the bid documents.

PhilGEPS Reference No.	6551472
Project Title	SUPPLY AND DELIVERY OF LABORATORY SUPPLIES
Approved Budget for the Contract	Four Million Five Thousand One Hundred Ninety-Seven Pesos and 49/100 (P 4,005,197.49)
Terms of Reference and Conditions	Please see attached updated/revised Technical Specifications

For the guidance and information of all concerned.

Thank you.

(SGD) ANNABELLE S. SARABIA
 Chairperson, Bids and Awards Committee

Item No.	Qty	Unit	Item Description	Unit Cost	Total Cost	End-user
1	3	unit	Candy thermometer Measurement Range: 14 to 450°F/-10 to +232°C 5"/21.6 cm stem Shatterproof Food-safe ABS plastic Stainless steel stem Auto-off after 1 hour Heat shield Exclusive adjustable stainless steel clip Temperature guide on sheath Pocket clip Two 1.5V AAA IEC LR44 alkaline batteries, included With Certificate of Calibration	5,000.00	15,000.00	CEDS
2	6	unit	Centrifuge, 3000 rpm, 6 x 15ml capacity, with built-in timer	14,950.00	89,700.00	CEDS
3	2	piece	DIGITAL THERMO/HYGROMETER, in and out	5,000.00	10,000.00	BES
4	5	piece	DIGITAL THERMO/HYGROMETER, in and out 1 1/8 inch (2.86 cm) LCD range-Ambient: -5 to 50.00 degrees Celsius Probe:-50 to 70 degrees Celsius Resolution 0.1 degree Sampling Time: 10 sec. Case: ABS Plastic Accessories: sensor bracket, Velcro, stand,battery, Traceable Certificate Instruction	2,968.00	14,840.00	AI
5	2	unit	Digital timer (for laboratory), 3.2 ounces, display 99 Hours, 59 minutes, 95 seconds, 4 groups of countdown/up. With hole to hang, support to stand and magnet to attached onto the metal surface.	1,700.00	3,400.00	ABGS
6	4	unit	Digital timer Display: LCD, 4-Digit 1" Resolution: 1 sec. Accuracy: + 0.01% Power: AAA battery Accessories: wall-mount bracket, stand, battery Supplied: Traceable Certificate, instructions	1,700.00	6,800.00	AI
7	2	unit	Digital timer, 4 timer, 99.99 min/sec	3,500.00	7,000.00	BES
8	2	set	Hemocytometer (plain)	5,500.00	11,000.00	BES
9	2	unit	Infrared thermometer Temperature range: -30°C to +400°C Temp scale: centigrade	14,000.00	28,000.00	CEDS

			<p>Accuracy: $\pm 1^{\circ}\text{C}$ Resolution: 0.1°C Data storage: Yes Response time: 0.5s Optics: 30:1 Laser: 2 point laser measurement Min/Max temperature display Clear, legible display with background lighting With Certificate of Calibration</p>			
10	1	piece	Laboratory Timer	3,500.00	3,500.00	BES
11	6	piece	<p>Lactometer Quevenne Lactometer Range: 15 to 40° Quevenne Temp Range: $20- 100^{\circ}\text{F}$ Calibrated temp: 60°F</p>	8,000.00	48,000.00	CEDS
12	2	unit	<p>Oven thermometer Maximum temperature measurement: $+300^{\circ}\text{C}$ Dial diameter: 50mm Temp scale: Centigrade, Fahrenheit Thermometer type: free standing Material: stainless steel 304 case, brass pointer, aluminum dial, glass lens With Certificate of Calibration</p>	3,000.00	6,000.00	CEDS
13	1	set	<p>pH Electrode Refillable Combination pH Electrode with BNC Connector with indicating sensor Specifications Body Material: high temperature glass Reference: double, Ag/AgCl Junction / Flow Rate: ceramic, single / 15-20 $\mu\text{L/h}$ Electrolyte: 3.5M KCl Range: pH: 0 to 13 Max Pressure: 0.1 bar Tip Shape: spheric (dia: 9.5 mm) Recommended Operating Temperature: 0 to 100°C (32 to 212°F) - HT Temperature Sensor: no Matching Pin: no Amplifier: no Digital: no Cable: coaxial; 1 m (3.3') Connection: BNC Applications: general purpose, high temperatures, laboratory general purpose (Must be compatible with the existing</p>	5,698.56	5,698.56	PSNS

			Hannah Instrument)			
14	6	unit	pH meter probe Parameter: pH Range: 2 to 11 Temp range: 0 to 50 °C Internal reference type: polymer-gel Sealed/Refillable: sealed Cable length: 1 m Connector: BNC Description: Open pore glass-body spear tip electrode. Suitable for semi-solid samples (Must be compatible with the existing Eutech Instrument)	14,950.00	89,700.00	CEDS
15	1	piece	pH METER, pen type	6,767.04	6,767.04	AI
16	40	piece	Pipette, 10 ml capacity, disposable (Falcon)	100.00	4,000.00	AI
17	10	piece	PIPETTE, 10ml, graduated, individually wrapped, measuring pipette glass	617.34	6,173.40	AI
18	5	pc	Thermometer (Digital) For Food Testing	5,000.00	25,000.00	NIZ
19	100	piece	Thermometer (pocket size) 5 inc (125 cm) with type 304 stainless steel with recalibration nut Black plastic clip case Range: -10 to 100 degrees Celsius	440.00	44,000.00	AI
20	12	piece	THERMOMETER, Alcohol, -20 - 150°C temperature range (Analog)	667.04	8,004.48	AI-10, ABGS-2
21	1	unit	Weighing scale, at least 300 kg capacity <ul style="list-style-type: none"> ▪ Digital ▪ Max Capacity 300kg ▪ Min Capacity 1kg ▪ LCD Display ▪ Stainless steel platform and readable from front and back of unit ▪ Rechargeable battery (can be used for 10 hours) ▪ Platform size: 50cm x 40cm 	14,999.00	14,999.00	ABGS
22	2	unit	Cryogenic Apron, 42" length x 24" width, item weight 5.0 ounces	12,000.00	24,000.00	ABGS
23	4	unit	Cryogenic gloves, 38 cm long, waterproof, low temperature resistant, liquid nitrogen protection	2,000.00	8,000.00	ABGS
24	1	unit	Respirator, canula and accessories	800.00	800.00	ABGS

25	10	piece	Dust Mask for fogging	150.00	1,500.00	GSS
26	3	pack	Disposable head cap, 100's	322.00	966.00	CEDS
27	101	box	Disposable Face Mask Earloop Fitting, 3 ply, 50's	198.45	20,043.45	BES-24, RPS-5, COA-2, PIMD-1, GP-5, ABGS-30, PSNS-34
28	8	box	FACE MASK, surgical, disposable, w/ earloop	265.00	2,120.00	AI
29	1	box	GLOVES, Disposable, Medium (100's)	652.96	652.96	COA
30	20	pair	GLOVES, Housekeeping, Large	450.00	9,000.00	GSS
31	40	box	Disposable Latex rubber gloves, Extra-Small powder free (100s)	385.00	15,400.00	ABGS
32	46	box	Disposable Latex rubber gloves, Large powder free (100s)	399.13	18,359.98	PSNS-26, RPS-10, BES-10
33	110	box	Disposable Latex rubber gloves, Medium powder free (100s)	399.18	43,909.80	PSNS-26, RPS-10 BES-24, ABGS-50
34	125	box	Disposable Latex rubber gloves, Small powder free (100s)	404.79	50,598.75	RPS-10. BES-24, ABGS-90, KMD-1
35	30	box	Nitrile Gloves, Large 100pcs/box, powder-free, food-safe, exceptional durability and puncture resistance	525.83	15,774.90	NIZ-15,BES-5, PSNS-10
36	5	box	Nitrile Gloves, Large Long Cuff 100pcs/box, powder-free, food-safe, exceptional durability and puncture resistance	500.00	2,500.00	ABGS
37	5	box	Nitrile Gloves, Medium Long Cuff, 100pcs/box, powder-free, food-safe, exceptional durability and puncture resistance	500.00	2,500.00	ABGS
38	42	box	Nitrile Gloves, Medium, 100pcs/box, powder-free, food-safe, exceptional durability and puncture resistance	575.60	24,175.20	BES-5, NIZ-15, PSNS-10, CEDS-12
39	10	box	Nitrile Gloves, Small Long Cuff, 100pcs/box, powder-free, powder-free, food-safe, exceptional durability and puncture resistance	500.00	5,000.00	ABGS
40	17	box	Nitrile Gloves, Small, 100pcs/box, powder-free, food-safe, exceptional durability and puncture resistance	686.76	11,674.92	CEDS-12, BES-5
41	22	piece	Laboratory gown/coat, 3/4 sleeves, white, logo, Tetonon (various sizes, must provide	1,190.00	26,180.00	CEDS-12, PSNS-4,

			sample for sizing)			RPS-2, ABGS-4
42	20	pair	Laboratory slipper (various sizes, must provide sample for sizing)	572.25	11,445.00	PSNS-4, ABGS-4, CEDS-12
43	24	piece	Raincoat, Poncho style (free size for adult), Assorted color	472.08	11,329.92	GSS-10, PSNS-4, ABGS-10
44	45	piece	Raincoat, two-pieces (free size for adult),	550.00	24,750.00	GP
45	8	pack	Rubber Boots Size: 8, Top Rigid	650.00	5,200.00	GSS
46	55	pair	Rubber Boots, Black (various sizes, must provide sample for sizing)	385.18	21,184.90	GSS-10, GP-35, ABGS-10
47	15	pair	Rubber Boots, White (various sizes, must provide sample for sizing)	428.00	6,420.00	GSS-5, GP-10
48	5	pair	Rubber Boots, White (slim), (various sizes, must provide sample for sizing)	350.00	1,750.00	RPS
49	2	pair	Rubber/Safety Boots with Steel Toe (various sizes, must provide sample for sizing)	520.00	1,040.00	ABGS
50	13	pair	Safety Shoes with Steel Toe (various sizes, must provide sample for sizing)	3,150.00	40,950.00	GSS
51	12	pair	Safety Shoes with Steel Toe (various sizes, must provide sample for sizing) - Laboratory use	1,725.00	20,700.00	GP-10, ABGS-2
52	28	pair	Scrub suit upper only with PCC logo, navy blue, cotton (various sizes, must provide sample for final sizing)	490.00	13,720.00	NIZ-12, RPS-10, ABGS-2, PSNS-4
53	48	pair	Scrub suit, Top and Garterized bottom, blue (various sizes, must provide sample for final sizing)	653.75	31,380.00	ABGS-22, RPS-10, PSNS-4, GP-12
54	1	tube	PCR Product Cleanup Reagent (500 rxns) Preferably ExoSAP-IT™	50,000.00	50,000.00	CRYO
55	4	bottle	1-octanol, >99% assay, 100ml	4,000.00	16,000.00	PSNS
56	9	bottle	10x Tris-Cetate-EDTA (TAE) Buffer, pH 8.0, Ultra Pure Grade, 1L	2,870.97	25,838.73	BES-5, RPS-4
57	1	bottle	Acetic Acid, analytical standard, > 99.8 % assay (2.5L),	1,650.00	1,650.00	BES
58	1	bottle	Acetonitrile, Solvent HPLC Grade, 4L	4,500.00	4,500.00	BES
59	3	bottle	Acridine Orange hemi (zinc chloride) salt, 25g/bottle	8,688.00	26,064.00	AI
60	3	bottle	Agarose D1LE, 500g	13,450.00	40,350.00	BES
61	1	bottle	Albumin from bovine serum minimum 98% electrophoresis (Sigma A7906-10G), 10g	9,500.00	9,500.00	RPS
62	6	liter	ALCOHOL, denatured	280.59	1,683.54	BES-1, RPS-2, CEDS-3

63	2	gallon	ALCOHOL, ethanol, 95%, 3.8L/gal.	519.40	1,038.80	RPS
64	15	bottle	Alcohol, ethyl, 70%, 500ml	100.00	1,500.00	CEDS
65	18	bottle	ALCOHOL, ethyl, absolute, 2.5L	1,424.64	25,643.52	AI-16, PRS-2
66	1	bottle	ALCOHOL, isopropyl, absolute, 2.5L/bot.	1,852.03	1,852.03	RPS
67	3	bottle	ALCOHOL, methyl, 2.5L/bot.	1,258.43	3,775.29	AI
68	1	bottle	BLOOD AGAR-BASE, medium, 500g/bot.	2,660.60	2,660.60	BES
69	2	bottle	Bovine Serum Albumin, 7030, Sigma, 100grams/bottle	59,994.00	119,988.00	RPS-1, ABGS-1
70	1	bottle	Bovine Serum Albumin, A6003, Sigma, 10grams/bottle	22,000.00	22,000.00	RPS
71	1	bottle	Brilliant Cresyl Blue ALD, certified (Sigma 860867-10GM), 10mg	15,000.00	15,000.00	RPS
72	3	bottle	Brilliant Green Bile Broth Medium for the detection and confirmation of coliform bacteria in water, wastewater, foods, milk and dairy products Inclusive of Certificate of Analysis per delivery Inclusive of Product Composition	3,500.00	10,500.00	CEDS
73	1	bottle	Chloroform , 2.5L, molecular grade	4,000.00	4,000.00	RPS
74	2	bottle	Citric acid monohydrate , Sigma C1909, 500g	5,000.00	10,000.00	AI
75	5	bottle	D-(-)-Fructose, Sigma 3510, 500gBioReagent, suitable for cell culture, suitable for insect cell culture	4,640.00	23,200.00	AI
76	1	bottle	DI-POTASSIUM HYDROGEN PHOSPHATE, K2HPO4, 500g/bot.	2,749.56	2,749.56	BES
77	1	bottle	DISODIUM PHOSPHATE, anhydrous, 500g/bot.	3,734.93	3,734.93	BES
78	3	bottle	EC Broth, 500g Medium for the selective enumeration of presumptive Escherichia coli by MPN technique from water samples and from clinical samples	3,500.00	10,500.00	CEDS
79	1	bottle	EDTA, Sigma, 500g, Sigma Vetec V800170	1,300.00	1,300.00	BES
80	2	bottle	Eosin B, 25g	1,200.00	2,400.00	AI
81	1	bottle	Eosin Y, 25g/bot.	1,537.42	1,537.42	AI
82	1	bottle	Epidermal Growth Factor from murine submaxillary gland (Sigma E4127-1MG)	24,000.00	24,000.00	RPS
83	3	bottle	Autoclavable deodorizer, 100% biodegradable, 100/bot	9,000.00	27,000.00	CEDS-1, BES-1, RPS-1
84	3	gallon	Ethanol, absolute for molecular grade, 2.5L	3,146.08	9,438.24	RPS-1, ABGS-2
85	3	bottle	Ethanol, Analytical grade 99.9% 2.5L/bottle, 4L, *With certificate of Analysis per delivery/ MSDS,	2,100.00	6,300.00	AI

86	3	bottle	Ethanol, Analytical grade 99.9%, 4L	2,415.00	7,245.00	CEDS
87	4	bottle	Ethanol, analytical reagent, AR 4L ~99% alcohol	2,200.00	8,800.00	BES
88	1	bottle	Ficoll (Sigma F-2878)	30,600.00	30,600.00	RPS
89	1	gallon	Formalin, 37%, 3.8L/gal.	2,000.00	2,000.00	BES
90	12	bottle	Glycerol, AR APS Sigma, 2.5L	2,066.67	24,800.04	AI-10, BES-1, RPS-1
91	1	bottle	Hyaluronidase from bovine (Sigma H3506-1G), 1g	24,000.00	24,000.00	RPS
92	1	bottle	Hyaluronidase from bovine testes (Sigma H3506-1G), 1g	24,000.00	24,000.00	RPS
93	1	bottle	Hydrochloric Acid, AR. 37%, 2.5L,	1,490.00	1,490.00	ABGS
94	1	bottle	Insulin from Bovine pancreas (Sigma I4011-50mg), 50mg	30,000.00	30,000.00	RPS
95	1	vial	Insulin, I-4011, Sigma, 50mg	24,480.00	24,480.00	RPS
96	2	bottle	Isopropanol AR , 2.5L,	1,500.00	3,000.00	BES
97	3	bottle	KaryoMAX Giemsa Stain Improved R66 Solution "Gurr", Gibco (cat no. 10092-013), 100ml	15,000.00	45,000.00	RPS
98	3	bottle	Lactose broth, 500g Medium for the detection of coliform bacteria in water, foods, dairy products and clinical samples Inclusive of Certificate of Analysis per delivery Inclusive of Product Composition	3,000.00	9,000.00	CEDS
99	3	bottle	Lauryl Sulphate Broth/Lauryl Tryptose Broth Medium for the detection of coliforms in water, wastewater, dairy products, other food and clinical samples Inclusive of Certificate of Analysis per delivery Inclusive of Product Composition	3,000.00	9,000.00	CEDS
100	2	bottle	LB Broth, 500g	3,437.68	6,875.36	BES
101	1	gallon	Lubricating gel (ultrasound gel) 1 gal	1,000.00	1,000.00	ABGS
102	2	bottle	Luria Agar, 500g	4,049.20	8,098.40	BES
103	6	bottle	Methanol, 4L/bot., 99.9%, AR	1,160.49	6,962.93	CEDS
104	1	bottle	Methanol, HPLC Grade, , 4L	3,500.00	3,500.00	BES
105	1	bottle	METHYLENE BLUE, stain, 25g M9140 Sigma-Aldrich Methylene blue certified by the Biological Stain Commission	10,350.00	10,350.00	BES
106	6	bottle	Newborn calf serum, Sigma, N4762, 100ml *Minimum shelf life: 18 mo. from date of delivery	3,567.90	21,407.40	RPS
107	6	bottle	Nigrosin 25g	2,700.00	16,200.00	AI

108	2	bottle	Nutrient Agar, 500g/bot.	7,515.40	15,030.80	BES-1, CRYO-1
109	2	bottle	Nutrient Broth, 500g	3,437.68	6,875.36	BES-1, CRYO-1
110	1	bottle	Peptone Water, 500g	3,620.72	3,620.72	CEDS
111	4	bottle	Percoll, Sigma, 100 ml	14,000.00	56,000.00	RPS
112	10	bottle	Petroleum ether, ACS reagent, 4 L	4,000.00	40,000.00	PSNS
113	8	bottle	pH buffer solution, pH 10.0, 500ml, Analytical grade Inclusive of Certificate of Analysis per delivery Inclusive of Product Composition	1,500.00	12,000.00	CEDS
114	8	bottle	pH buffer solution, pH 4.0, 500ml, Analytical grade Inclusive of Certificate of Analysis per delivery Inclusive of Product Composition	1,500.00	12,000.00	CEDS
115	8	bottle	pH buffer solution, pH 7.0, 500ml, Analytical grade Inclusive of Certificate of Analysis per delivery Inclusive of Product Composition	1,500.00	12,000.00	CEDS
116	12	box	pH paper, BTB 10 booklet (200 shts)	2,500.00	30,000.00	AI
117	1	bottle	Phosphate Buffer Saline, Molecular Grade, 50X, 500mL	21,000.00	21,000.00	BES
118	24	cby	Phosphoric Acid, 35kg/cby	3,600.00	86,400.00	GP
119	1	bottle	Potassium phosphate, monobasic (500g), Sigma Vetec V800316	1,250.00	1,250.00	BES
120	1	bottle	Potato Dextrose Agar (PDA) 500g	4,785.00	4,785.00	BES
121	1	bottle	Propidium iodine (Sigma P4170-25mg)	9,000.00	9,000.00	RPS
122	1	bottle	Protease (Sigma P-8811), 1g	30,000.00	30,000.00	RPS
123	3	bottle	Raffinose Pentahydrate D-(+), 1kg, Sigma	138,088.00	414,264.00	AI
124	1	bottle	Rose Bengal Sodium, Sigma, 5grams/bottle	5,000.00	5,000.00	RPS
125	1	pack	SILICA GEL, 500g	1,590.85	1,590.85	BES
126	2	bottle	Sodium Chloride, 1 kg, ACS reagent, ≥99.9%	3,416.35	6,832.70	CEDS-1, BES-1
127	3	bottle	Sodium Chloride, Sigma S5886,500g	4,898.00	14,694.00	AI
128	4	bottle	Sodium Citrate (Na ₃ C ₆ H ₅ O ₇); ACS Reagent; (≥99.0%) Grade; 500g/bot , Sigma Aldrich s-4641	6,150.00	24,600.00	AI
129	1	bottle	Sodium Dihydrogen Phosphate Anhydrous, 500g	3,000.00	3,000.00	BES
130	8	pail	Sodium hydroxide pellets, 5kg	6,000.00	48,000.00	PSNS
131	24	cby	Sodium Hypochlorite,25kgs/cby	730.00	17,520.00	GP
132	1	bottle	Sodium phosphate, dibasic, anhydrous (500g),	3,000.00	3,000.00	BES

133	10	bottle	Sulfuric acid, AR 98%, 2.5 L	1,500.00	15,000.00	PSNS
134	1	bottle	Tartaric acid, 500g, USP grade	850.00	850.00	CEDS
135	6	bottle	Tris Base, Tris (hydroxymethyl) aminomethane, Sigma, 500g	4,980.00	29,880.00	AI
136	3	bottle	Tris, Sigma, T1503, Trizma base, 500g	8,688.00	26,064.00	RPS-1, ABGS-2
137	1	bottle	Triton x-100, Sigma, molecular grade, 500ml	7,500.00	7,500.00	RPS
138	1	bottle	Trypsin 1:250 (Sigma T-4799), 10g	12,000.00	12,000.00	RPS
139	2	bottle	XYLENE, 2.5L	1,157.52	2,315.04	AI
140	1	bottle	YEAST EXTRACT, 500g/bot.	2,611.84	2,611.84	BES
141	18	pack	1000µl Universal Blue Tips PACK OF 500	500.00	9,000.00	AI-3, BES-15
142	10	pack	100-well microcentrifuge tube storage boxes, pack of 5 (with cover)	2,700.00	27,000.00	BES
143	23	pack	200µl Universal Yellow Tips PACK OF 1000	580.00	13,340.00	AI-3, BES-20
144	5	piece	4 way tube rack -	390.00	1,950.00	CRYO
145	14	piece	4 way tube rack (This 4-way tube rack can be used to hold 4x 50ml, 12x 15ml or 32x microtubes (0.5, 1.5 or 2.0ml))	497.14	6,959.96	BES-10, RPS-4
146	8	pack	8 Strip PCR Tube Strips and Domed Cap Strips, 8 Tubes/Strip, 8 Domed Caps/Strip, 0.2 mL Polypropylene tube, Clear, Nonsterile 125 / Pk	5,200.00	41,600.00	BES-5, CRYO-3
147	7	case	8-strip PCR tubes 0.2 ml with attached individual flat caps, thin wall (packed in resealable plastic, 12 8-strips tubes/bag 120/case)	3,341.43	23,390.01	RPS-2, BES-5
148	5	pack	96-Well Polypropylene Reversible Racks for 0.5 - 2.0ml vials, autoclavable, 8x12 array, L x W x H: 24.6 x 12.1 x 5cm, with cover, pack of 5	4,200.00	21,000.00	BES
149	5	piece	ALCOHOL LAMP, 150ml to 250ml	233.10	1,165.50	BES-3, PSNS-1, RPS-1
150	9	piece	Aluminum foil, 300m	884.44	7,959.96	CEDS-3, RPS-2, BES-4
151	3	piece	Amber Bottle, 100ml Blue Cap glass	300.00	900.00	BES
152	10	piece	Amber Bottle, 250ml Blue Cap Glass	450.00	4,500.00	BES
153	5	piece	Amber Bottle, 500ml Blue Cap Glass	500.00	2,500.00	BES
154	2	piece	Amber, reagent bottle, 500ml	2,591.70	5,183.40	ABGS
155	5	piece	Aspirator, rubber type , 15 ml capacity	59.36	296.80	AI
156	1	case	Autoclavable bags w/o biohazard print, 10L, 12 in x 24 in 100's/case	500.00	500.00	CEDS
157	1	case	Autoclavable bags w/o biohazard print, 10L, 300x500mm, 100's/case	500.00	500.00	PSNS

158	1	case	Autoclavable bags w/o biohazard print, 30L, 400x780mm, 100's/case	2,000.00	2,000.00	PSNS
159	1	case	Autoclavable bags w/o biohazard print, 65L, 600x780mm, 100's/case	1,500.00	1,500.00	PSNS
160	2	roll	Autoclave Tape, 19mm X 50m	795.42	1,590.84	RPS
161	2	piece	Beaker 1L (Glass)	750.00	1,500.00	BES
162	5	piece	Beaker, 100ml (Glass)	236.25	1,181.25	BES
163	5	piece	Beaker, 250ml (Glass)	243.80	1,219.00	ABGS
164	7	piece	Beaker, 500ml (Glass)	339.20	2,374.40	BES-2, ABGS-5
165	6	piece	Beaker - 2L (Glass)	890.00	5,340.00	AI
166	1	pack	BIOHAZARD BAGS, 12" X 24", 100's/pack	6,161.57	6,161.57	RPS
167	1	pack	BIOHAZARD BAGS, 300mm X 500mm, 100's/pack	3,392.00	3,392.00	RPS
168	12	piece	BRUSH, flask or bottle, 16"	142.46	1,709.52	BES
169	10	box	Capillary Tubes, 100's/box	296.80	2,968.00	BES
170	200	piece	Centrifuge/ test tube,glass, conical with ream, 15 ml capacity, colored (red or blue) graduation	500.00	100,000.00	AI
171	5	roll	Cling wrap, 300m	700.00	3,500.00	BES
172	20	pack	Conical Centrifuge Tube, 50ml, 25's/pack	795.42	15,908.40	BES
173	20	piece	Conical Tubes, 15ml , with ream and graduation ,Glass	500.00	10,000.00	AI
174	33	pack	Conical Tubes, 15ml, 50's/pack	440.55	14,538.15	BES-30, RPS-3
175	5	case	Conical tubes, with graduation, falcon, 15ml, sterile, plastic (500pcs/case)	6,000.00	30,000.00	ABGS
176	3	piece	Cotton, absorbent, 150g	159.00	477.00	CRYO
177	4	box	Cover Slip, large, 22 X 40mm, 100's/box	410.00	1,640.00	RPS
178	4	box	Cover Slip, large, 24 X 60mm, 100's/box	410.00	1,640.00	RPS
179	9	box	Cover Slip, small, 22 X 22mm, 100's/box	355.56	3,200.04	RPS-4, BES-5
180	5	box	Cryogenic Storage Box 25(5x5) capacity	600.00	3,000.00	BES
181	3	piece	Eppendorf ® PCR cooler iceless cold storage system for 96 well plates on PCR tubes	15,800.00	47,400.00	RPS
182	2	piece	Erlenmeyer Flask, 1000ml (Glass)	742.00	1,484.00	BES
183	10	piece	Erlenmeyer Flask, 125 ml (Glass)	227.90	2,279.00	AI
184	5	piece	Erlenmeyer Flask, 250ml (Glass)	339.20	1,696.00	BES
185	7	piece	Erlenmeyer Flask, 500 ml (Glass)	530.00	3,710.00	AI-2, BES-5
186	15	piece	Erlenmeyer Flask, 50ml (Glass)	227.90	3,418.50	AI
187	4	box	Filter paper, Grade 541, 24 cm,	1,200.00	4,800.00	AI
188	2	box	Filter Paper, No. 42	2,226.00	4,452.00	BES
189	15	piece	Forcep, Allis tissue, stainless steel	110.00	1,650.00	ABGS
190	16	piece	Forceps 9.5", stainless steel, SS	797.00	12,752.00	AI-10, BES-4,

						ABGS-2
191	12	unit	Forceps, size:10-12"	250.00	3,000.00	ABGS
192	2	piece	Forceps, stainless, 6"	225.57	451.14	ABGS
193	5	piece	Forceps, stainless, 70-72 cm	1,000.00	5,000.00	AI
194	4	unit	Galvanized funnel, 3.5" diameter (see attached picture)	200.00	800.00	ABGS
195	4	unit	Galvanized funnel, 8" diameter (see attached picture)	600.00	2,400.00	ABGS
196	5	piece	Glass Rod Spreader, L-rod	424.00	2,120.00	BES
197	4	piece	Graduated Cylinder, 1000ml (Glass)	1,987.37	7,949.48	AI-2, BES-2
198	2	piece	Graduated Cylinder, 100ml (Glass)	3,794.80	7,589.60	AI
199	5	piece	Graduated Cylinder, 250ml (Glass)	731.40	3,657.00	BES
200	4	piece	Graduated Cylinder, 500ml (Glass)	1,851.50	7,406.00	BES-2, AI-2
201	2	piece	Graduated Cylinder, 50ml (Glass)	733.52	1,467.04	AI
202	5	piece	Granular activated carbon cartridge, 10 inches	1,000.00	5,000.00	PSNS
203	20	piece	Halstead mosquito forcep, 12.5cm, straight, stainless	550.00	11,000.00	ABGS
204	5	piece	Hard case ice gel pack, 4 inches x 7 inches and 1 inch in thickness (or smaller), non-toxic gel, Food grade, Freezing/melting point of 0°C, Durable HDPE plastic	500.00	2,500.00	BES
205	100	piece	Hard case ice gel pack, 4 inches x 7 inches and 1 inch in thickness (or smaller), non-toxic gel, Food grade, Freezing/melting point of 0°C, Durable HDPE plastic	315.00	31,500.00	ABGS
206	10	piece	Hartmann mosquito forcep, 9cm, curved, stainless	450.00	4,500.00	ABGS
207	10	piece	Hartmann mosquito forcep, 9cm, straight, stainless	450.00	4,500.00	ABGS
208	5	piece	Inoculating loop for microbiological testing use,local	50.00	250.00	CRYO
209	12	pack	Inoculating loop, 10µl, sterile	5,851.20	70,214.40	CEDS
210	12	piece	Inoculating loop, 3" long, 24 gauge nickel-chrome wire, fixed in 8" long aluminum handle	204.79	2,457.50	CEDS
211	10	piece	Inoculating Loop, 3" long, 24 gauge nickel-chrome wire, fixed in 8" long aluminum handle	178.08	1,780.80	BES
212	10	piece	Inoculating Loop, 3" long, 25 gauge nichrome wire, 8" long aluminum handle, loops are fixed to aluminum handle	178.08	1,780.80	BES
213	5	piece	Inoculating needle, local	50.00	250.00	CRYO
214	5	pack	Insect pins, stainless steel, size 3, 100pcs/pack (diameter:0.05mm/0.020",	1,200.00	6,000.00	BES

			37mm long, heads are nylon			
215	5	pack	Insect pins, stainless steel, size 4, 100pcs/pack (diameter:0.05mm/0.020", 37mm long, heads are nylon	1,200.00	6,000.00	BES
216	5	case	Kimwipes, big (case of 15), 37x42cm, 140 sheets/box - Large size 1 case of 15 pack x 140's	8,158.60	40,793.00	BES-3, RPS-1, CEDS-1
217	2	case	Kimwipes, small (Case of 60), 11x21cm, 280 sheets/box - 1 case of 60 pack x 280's	9,867.50	19,735.00	BES-1, RPS-1
218	12	piece	Laboratory marker, Black Twin Marker (Fine/Extra Fine), 2 kinds of points at each end, alcohol base ink	100.00	1,200.00	BES
219	15	piece	Laboratory marker, Black Twin Marker (Fine/Extra Fine), 2 kinds of points at each end, oil-based alcohol ink	100.00	1,500.00	RPS-10, ABGS-5
220	12	piece	Laboratory marker, Blue Twin Marker (Fine/Extra Fine), 2 kinds of points at each end, alcohol base ink	100.00	1,200.00	BES
221	5	piece	Laboratory marker, Blue Twin Marker (Fine/Extra Fine), 2 kinds of points at each end, oil-based alcohol ink	100.00	500.00	ABGS
222	20	piece	Laboratory marker, Red Twin Marker (Fine/Extra Fine), 2 kinds of points at each end, alcohol base ink	100.00	2,000.00	BES
223	10	piece	Laboratory marker, Red Twin Marker (Fine/Extra Fine), 2 kinds of points at each end, oil-based alcohol ink	100.00	1,000.00	PSNS
224	8	piece	Magnetic bar retriever, 12"	767.75	6,142.00	AI-6, CEDS-2
225	14	piece	Magnetic stirrer, 40mm	250.00	3,500.00	AI-6, BES-4, RPS-4
226	14	piece	Magnetic stirrer, 60mm	410.00	5,740.00	AI-6, BES-4, RPS-4
227	3	pack	Microcentrifuge Tube, 2ml, 500's/pack	2,255.68	6,767.04	AI
228	8	pack	Microcentrifuge tubes 2mL (500 tubes per pack)	650.00	5,200.00	AI
229	5	pack	Micropipette Tips, white tips, 200-1000 µl	3,561.60	17,808.00	AI
230	6	piece	Micropipette Tips, YELLOW tips with rack, 20-200 µl	800.00	4,800.00	AI
231	205	box	Microscope slide cover glasses 22x22mm, #2thickness, 100pcs, per box	420.73	86,249.65	AI-200, RPS-5
232	50	box	Microscope slides, unground edges, frosted one end on one side, oil and grease free, 72 pcs (green box)	150.00	7,500.00	RPS

233	2	box	Microscopic Slide, Cell Vu for motility	45,000.00	90,000.00	AI
234	1	bottle	Mineral Oil, Sigma, M-8410, 500ml	5,800.00	5,800.00	BES
235	4	box	Minisart Syringe Filter, 0.45um Diameter: 25mm Nylon	6,700.00	26,800.00	RPS
236	2	piece	Mortar and Pestle Diameter: 100mm Ceramic	415.52	831.04	BES
237	1	bottle	Mueller Hinton Agar II, 500g/bot.	7,639.42	7,639.42	BES
238	8	roll	Parafilm 4"(10.2 cm) x 125 ft per roll	1,678.75	13,430.00	AI-4, BES-1, CEDS-3
239	11	pack	PCR tubes 0.2 ml with flat caps, clear thin wall (packed in resealable plastic, 500 tubes per pack, 2 packs per box)	2,745.45	30,199.95	BES-6, RPS-5
240	15	pair	Petri Dish, 100mm X 15mm (Glass)	265.00	3,975.00	CRYO
241	2	pack	Petri Dish, 90mm, disposable, 500's/pack (Glass)	5,698.00	11,396.00	BES
242	1	box	Petri dish, 90x15mm, disposable, 500's/pack, with quadrant grid (Glass)	5,851.20	5,851.20	CEDS
243	3	pack	Pipette tips Blue, no grid, for 100-1000 ul, 1000 tips/pack	1,000.00	3,000.00	RPS
244	3	pack	Pipette tips Yellow, no grid, 2-200 ul (2-20ul, 10-100ul, 20-200ul), 1000 tips/pack	1,000.00	3,000.00	RPS
245	5	pack	Pipette tips, extended length micropoint tip, universal fit, for 100-1250 ul extra-long, 1000 tips/pack	1,471.00	7,355.00	AI
246	4	piece	Plastic Container Drum (5 liters, Hdpe) For reagents	500.00	2,000.00	ABGS
247	5	piece	Polypropylene Filter Cartridge, 10 inches, (1 micron)	900.00	4,500.00	PSNS
248	5	piece	Polypropylene Filter Cartridge, 10 inches, (5 micron)	900.00	4,500.00	PSNS
249	5	pack	Polypropylene for Repacking PP Bag 8x18" 0.03mm thickness, autoclavable, can be sealed by thermal sealers, 100s	320.00	1,600.00	RPS
250	4	piece	Rack for 15 ml conical tube plastic , 40 holes Autoclavable	3,000.00	12,000.00	AI
251	4	piece	Rack for 50 ml conical tube plastic , 40 holes Autoclavable	3,000.00	12,000.00	AI
252	12	box	Scalpel Blades, No. 10, stainless steel	569.86	6,838.32	RPS-2, ABGS-10
253	2	piece	Scalpel Handle, stainless, #3	113.97	227.94	RPS
254	15	piece	Scalpel Handle, stainless, #4	122.65	1,839.75	BES-5, ABGS-10
255	12	piece	Scissors, dissecting, stainless	219.63	2,635.56	ABGS-10, RPS-20
256	10	piece	Scissors, iris, stainless, 5.5"	142.46	1,424.60	ABGS

257	2	piece	Scissors, surgical	201.82	403.64	RPS
258	6	piece	Spatula, stainless steel, 6", One end flat, one end bent	160.00	960.00	CEDS
259	10	piece	Spatula, stainless steel, w/ handle, 4"	148.40	1,484.00	AI
260	10	pack	Specimen collection container, 120mL, plastic, microwavable w/ hinged lid, 50pcs/pack	140.00	1,400.00	BES
261	10	pack	Specimen collection container, 250mL, plastic, microwavable w/ hinged lid, 50pcs/pack	200.00	2,000.00	BES
262	10	pack	Specimen collection container, 30mL, plastic, microwavable w/ hinged lid, 50pcs/pack (37.50)	60.00	600.00	BES
263	20	pack	Specimen collection container, 60mL, plastic, microwavable w/ hinged lid, 50pcs/pack (62.50)	85.00	1,700.00	BES
264	20	pack	Specimen collection container, 90mL, plastic, microwavable w/ hinged lid, 50pcs/pack	105.00	2,100.00	BES
265	10	piece	Stainless Steel Lab Spoon/Spatula	500.00	5,000.00	BES
266	14	piece	Stirring Rod, 7" x 12"	106.85	1,495.90	BES-12, ABGS-2
267	1	pack	Stomacher Bag, 100ml, 500's/pack	4,284.52	4,284.52	BES
268	12	piece	Test tube brush, nylon, small	40.00	480.00	CEDS
269	2	piece	Test Tube Rack, 25mm tube, 40 holes, stainless	3,500.00	7,000.00	AI
270	1	piece	Test Tube Rack, wood, 12 holes Size of hole: for 20mm test tube	112.78	112.78	CRYO
271	200	piece	Test tube, screw capped, glass, 15ml capacity	75.00	15,000.00	CEDS
272	10	piece	Test Tube, w/ screw cap, 20ml	63.60	636.00	CRYO
273	10	piece	Tissue thumb forcep, 12.5cm, 1x2 teeth, straight	550.00	5,500.00	ABGS
274	10	piece	Tissue thumb forcep, 12.5cm, serrated, straight	450.00	4,500.00	ABGS
275	6	piece	Tweezers, stainless, 6"	237.44	1,424.64	AI
276	5	piece	Vernier Caliper, digital	1,378.00	6,890.00	ABGS
277	7	piece	Vernier Caliper, manual	1,091.80	7,642.60	BES-2, ABGS-5
278	5	piece	Vernier Caliper 6"	660.00	3,300.00	ABGS
279	1	piece	Volumetric Flask, 100ml (Glass)	1,038.80	1,038.80	RPS
280	1	piece	Volumetric Flask, 25ml (Glass)	907.02	907.02	RPS
281	1	piece	Volumetric Flask, 500ml (Glass)	1,700.07	1,700.07	RPS
282	1	piece	Volumetric Flask, 50ml (Glass)	897.52	897.52	RPS
283	6	piece	Wash bottle, LDPE, 500ml (Glass)	314.02	1,884.11	CEDS
284	5	piece	Water Softener cartridge, 10 inches	1,000.00	5,000.00	PSNS
285	7	box	Weighing paper, 500/box (4x4")	1,990.00	13,930.00	AI-1, BES-4,

						RPS-2
286	1	pc	Weingart Fixation Set for Rumenotomy (1 frame, 8 tenaculars, 2 forceps)	30,000.00	30,000.00	ABGS
287	1	box	Wiper for LN2 tank	7,000.00	7,000.00	ABGS
288	8	box	Zip-lip bags with label area (LDPE plastic 4"x6", 2mm thick, 100pcs/box)	2,980.00	23,840.00	CEDS-6, BES-1, PSNS-1
TOTAL APPROVED BUDGET FOR THE CONTRACT					P 4,005,197.49	