



Philippine Rice Research Institute

Central Experiment Station
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Quality Rice. Quality Life.



September 1, 2020

Bid Bulletin No. 2

Subject: Supply and Delivery of Various Laboratory Supplies, Chemicals and Personal Protective Equipment under PB 20-03-24

This bid bulletin is being issued to reflect the changes in the Schedule of Requirements and Technical Specifications for PB 20-03-24 Supply and Delivery of Various Laboratory Supplies, Chemicals and Personal Protective Equipment.

REVISED SCHEDULE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS:

Attached is the Revised Schedule of Requirements and Technical Specifications for complete details (in red font).

Please be guided accordingly.


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Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item no.	Description	Qty	Unit	Total ABC (in PhP)	Division	Delivery Period
	Project 3 Lab Supplies					within 30 days upon receipt of PO & NTP except those item with specified delivery period
1.	Alcohol lamp	1	piece	1,650.00	ASD	
2.	Alcohol lamp	2	piece	3,300.00	ASD	
3.	Beaker	5	piece	2,050.00	ASD	
4.	Conical tubes	10	Pack	3,500.00	CBC	
5.	Filter paper	5	pack	750.00	CPD	
6.	Inoculation needle with handle	3	piece	900.00	ASD	
7.	Interfold paper towel	10	pack	2,500.00	ASD	
8.	Interfolded paper towel	20	pack	4,400.00	PBBD	
9.	Interfolded paper towel	50	pack	2,500.00	CBC	
10.	Iris scissors	10	piece	1,200.00	CBC	
11.	Laboratory marker	50	piece	8,250.00	CBC	
12.	Magnetic stirring bar assortments w/ storage box	2	piece	6,000.00	CBC	
13.	Measuring cup	2	piece	1,100.00	ASD	
14.	Microtubes	10	pack	4,400.00	GRD-STU	
15.	Microtubes	10	pack	5,830.00	GRD-STU	
16.	Microtubes	17	pack	15,300.00	PBBD	
17.	Microtubes	12	pack	10,800.00	PBBD	
18.	Microtubes	37	pack	25,900.00	CBC	
19.	Paper Fiber Optic Cleaning Wipes (Delicate Task Wipes)	5	box	1,500.00	GRD-STU	
20.	Paper Fiber Optic Cleaning Wipes (Delicate Task Wipes)	25	box	7,500.00	PBBD	
21.	Paper Fiber Optic Cleaning Wipes (Delicate Task Wipes)	15	box	4,500.00	CBC	
22.	Paper Fiber Optic Cleaning Wipes (Delicate Task Wipes)	50	box	15,000.00	ASD	
23.	PCR plates	18	pack	81,000.00	PBBD	
24.	PCR plates	5	pack	40,000.00	PBBD	
25.	Petri dish, plastic with cover lid	100	pack	35,000.00	CBC	
26.	Pipette tips	10	pack	10,000.00	GRD-STU	within 60 days upon receipt of PO & NTP
27.	Pipette tips	5	pack	5,000.00	GRD-STU	within 60 days upon receipt of PO & NTP
28.	Pipette tips	5	pack	5,000.00	GRD-STU	within 60 days upon receipt of PO & NTP

29.	Pipette tips	23	pack	18,400.00	PBBB	within 60 days upon receipt of PO & NTP
30.	Pipette tips	35	pack	24,500.00	CBC	within 60 days upon receipt of PO & NTP
31.	Pipette tips	18	pack	16,200.00	PBBB	within 60 days upon receipt of PO & NTP
32.	Pipette tips	35	pack	17,500.00	CBC	within 60 days upon receipt of PO & NTP
33.	Pipette tips	13	pack	9,100.00	PBBB	within 60 days upon receipt of PO & NTP
34.	Rectangular ice pan	4	piece	4,800.00	CBC	
35.	Rectangular ice pan	2	piece	4,000.00	CBC	
36.	Resealable plastic bag	200	pack	19,800.00	ASD	
37.	Resealable plastic bag	300	pack	45,000.00	ASD	
38.	Scalpel blade	6	piece	3,300.00	ASD	
39.	Scalpel blade	12	piece	6,600.00	ASD	
40.	Stirring bar	2	kit	10,000.00	PBBB	
41.	Stirring bar retriever	2	piece	1,050.00	ASD	
42.	Stirring bar retriever	2	piece	1,100.00	CBC	
43.	Test tube	12	piece	3,600.00	ASD	
44.	Test tube	100	piece	30,000.00	CBC	
45.	Test tube brush	5	piece	1,000.00	ASD	
46.	Test tube rack	1	unit	2,000.00	ASD	
47.	Volumetric flask	1	piece	8,000.00	ASD	
48.	Disposable surgical gloves	2	box	1,250.00	ASD	
49.	Face mask	8	box	4,000.00	ASD	
50.	Face mask	82	box	7,676.35	ASD	
51.	Face mask	10	box	2,500.00	CPD	
52.	Face mask	35	box	28,000.00	PBBB	
53.	Face mask	106	box	53,000.00	TMSD	
54.	Face mask	20	box	6,000.00	BDD	
55.	Face mask	100	piece	15,000.00	CPD	
56.	Face mask	20	box	5,000.00	PBBB	
57.	Face mask	15	box	37,500.00	PBBB	
58.	Face mask (Anti-static)	10	box	3,500.00	CPD	
59.	Face mask (Anti-static)	30	box	6,000.00	PBBB	
60.	Mask	45	piece	13,500.00	ASD	
61.	Nitrile gloves	12	pack	5,640.00	ASD	
62.	Nitrile gloves	60	box	27,000.00	CBC	
63.	Nitrile gloves	10	pack	5,000.00	ASD	
64.	Nitrile gloves	70	box	31,500.00	CBC	
65.	Nitrile gloves	20	box	10,000.00	PBBB	
66.	Nitrile gloves	60	box	27,000.00	CBC	
67.	Nitrile gloves	15	box	7,500.00	PBBB	
68.	Respirator mask with filter cartridge for organic vapors	2	piece	5,600.00	ASD	
69.	Rubber gloves	20	pair	2,000.00	ASD	
70.	Rubber gloves	100	pair	15,000.00	BDD	
71.	Surgical Face Mask	5	box	2,500.00	BDD	
72.	Goggles	30	piece	6,000.00	ASD	
73.	Laboratory gown	4	piece	2,800.00	ASD	

	Project 4 Chemicals					within 30 days upon receipt of PO & NTP
74.	Acetosyringone	1	piece	15,000.00	CBC	
75.	Acrylamide	1	bottle	10,000.00	PBBD	within 45 days upon receipt of PO & NTP
76.	Acrylamide	8	bottle	156,800.00	PBBD	within 45 days upon receipt of PO & NTP
77.	Acrylamide	8	bottle	156,800.00	PBBD	within 45 days upon receipt of PO & NTP
78.	Acrylamide (1x500 ml)	12	bottle	129,600.00	CBC	within 45 days upon receipt of PO & NTP
79.	Acrylamide (1x500 ml)	12	bottle	129,600.00	CBC	within 45 days upon receipt of PO & NTP
80.	Bromophenol blue	1	bottle	2,000.45	ASD	
81.	Cetyltrimethylammonium bromide (CTAB)	5	bottle	36,500.00	CBC	
82.	Chloroform	1	bottle	2,035.00	GRD-STU	
83.	Competent agrobacterium strain	1	unit	25,000.00	CBC	
84.	Denatured alcohol	10	carbony	16,000.00	ASD	
85.	Deoxynucleoside Triphosphate	1	set	6,500.00	PBBD	
86.	Deoxynucleoside triphosphate	6	set	36,000.00	CBC	
87.	DNA ladder	2	bottle	8,000.00	PBBD	
88.	DNA ladder	20	bottle	80,000.00	CBC	
89.	Ethanol	10	carbony	30,000.00	CBC	
90.	Ethyl Acetate	4	bottle	12,000.00	CBC	
91.	Ethyl alcohol	2	carbony	6,000.00	ASD	
92.	Ethylenediaminetetraacetic acid-Disodium salt	4	bottle	28,800.00	CBC	
93.	Formamide	2	bottle	8,000.00	ASD	
94.	GoTaq reaction buffer	6	pack	24,000.00	CBC	
95.	Guanidinium thiocyanate and phenol solution (trizol)	1	piece	19,069.00	CBC	
96.	Iodine sublimed	1	bottle	4,000.00	PBBD	
97.	Iodine sublimed	2	bottle	6,600.00	PBBD	
98.	Isopropanol	2	bottle	4,000.00	PBBD	
99.	Isopropanol	6	bottle	15,000.00	CBC	
100.	Lambda DNA	3	unit	4,950.00	GRD-STU	
101.	Luria broth	3	bottle	8,400.00	CBC	
102.	Meropenem	1	piece	52,000.00	CBC	
103.	Methanol	4	liter	9,600.00	CBC	
104.	Mineral oil	1	bottle	4,000.00	ASD	
105.	Nucleic acid gel stain	15		225,000.00		

			bottle		CBC	
106.	Nucleic acid stain	13	tube	85,800.00	PBBB	
107.	PCR master mix	13	set	45,500.00	PBBB	
108.	Potassium iodide	3	bottle	18,000.00	PBBB	
109.	Potato dextrose agar	1	piece	3,300.00	ASD	
110.	RNase A Solution	2	pack	15,000.00	PBBB	
111.	Sodium chloride	1	bottle	4,400.00	GRD-STU	
112.	Sodium chloride	3	bottle	5,100.00	PBBB	
113.	Sodium chloride	3	bottle	6,000.00	CBC	
114.	Sodium dodecyl sulfate	5	bottle	14,000.00	PBBB	
115.	Sodium dodecyl sulfate	4	bottle	56,000.00	CBC	
116.	Sodium hypochlorite	3	carbony	9,000.00	CBC	
117.	Taq DNA polymerase	4	kit	13,200.00	GRD-STU	
118.	Taq DNA polymerase	17	unit	61,200.00	PBBB	
119.	Taq DNA polymerase	6	unit	48,000.00	CBC	
120.	Temed	2	bottle	9,240.00	GRD-STU	30 days upon receipt of PO & NTP
121.	Tris base	2	bottle	14,731.20	GRD-STU	
122.	Tris base	8	bottle	25,600.00	PBBB	
123.	Urea	2	bottle	10,000.00	ASD	
124.	Acetylene (refill only)	4	tank	32,000.00	ASD	

Technical Specifications

Item	Specification	Statement of Compliance
	PROJECT 3 Laboratory Supplies	
1.	One (1) Piece Glass Alcohol Lamp height: 4.5", diameter: 4", capacity: 150 mL (6.7 oz)	
2.	Two (2) Pieces Glass Alcohol Lamp Capacity: 150-mL, with 5 replacement wicks	
3.	Five (5) Pieces Glass Beaker 250-mL capacity, with 50-mL graduation, durable	
4.	Ten (10) Packs Centrifuge Tube (15-mL) external graduations with white marking area, screw cap with tight sealing, made of high	

	transparency polypropylene material, sterile, 50 pcs/pack	
5.	Five (5) Packs Filter Paper grade: #42,125 mm, circle 100 pcs/pack, unbleached paper cone cups, made of good quality virgin wood pulp	
6.	Three (3) Pieces Inoculation Needle with Handle 8" L, insulated, 24 Gauge	
7.	Ten (10) Packs Interfold Paper Towel 203 x 210mm, 1 ply x 175 pulls, highly absorbent, made up of 100% virgin pulp, dermatologist-tested	
8.	Twenty (20) Packs Interfolded Paper Towel 203 x 210mm, 1 ply x 175 pulls, highly absorbent, made up of 100% virgin pulp, dermatologist-tested	
9.	Fifty (50) Packs Interfold Paper Towel 203 x 210mm, 1 ply x 175 pulls, highly absorbent, made up of 100% virgin pulp, dermatologist-tested	
10.	Ten (10) Pieces Iris Scissors straight, 4.5-inches long	
11.	Fifty (50) Pieces Laboratory Permanent Marker quick-drying ink, extra-fine, durable plastic tip, alcohol resistant	
12.	Two (2) Pieces Magnetic Stirring Bar Assortments with Storage Box assorted polygon PTFE coated, 12pcs/set, includes the following sizes: 3 pcs 8mm x 10mm 3 pcs 8mm x 14mm 2 pcs 8mm x 40mm 2 pcs 8mm x 50mm 2 pcs 8mm x 60mm	
13.	Two (2) Pieces Measuring Cup	

	plastic with scale, one (1) 500-mL and one (1) 100-ml capacity	
14.	Ten (10) Packs Microtubes (1.5 mL) Colorless/clear, polypropylene, sterile, RNase-, DNase, and pyrogen-free, durable (can withstand 14,000 RCF), conical bottom, 500 pcs/pack	
15.	Ten (10) Packs Microtubes (2 mL) Colorless/clear, polypropylene, sterile, RNase-, DNase, and pyrogen-free, durable (can withstand 14,000 RCF), conical bottom, 500 pcs/pack	
16.	Seventeen (17) Packs Microtubes (1.5 mL) Colorless/clear, polypropylene, sterile, RNase-, DNase, and pyrogen-free, durable (can withstand 14,000 RCF), conical bottom, 500 pcs/pack	
17.	Twelve (12) Packs Microtubes (2 mL) Colorless/clear, polypropylene, sterile, RNase-, DNase, and pyrogen-free, durable (can withstand 14,000 RCF), conical bottom, 500 pcs/pack	
18.	Thirty Seven (37) Packs Microtubes (2 mL) colorless/clear, polypropylene, sterile, RNase-, DNase, and pyrogen-free, durable (can withstand 14,000 RCF), conical bottom, 500 pcs/pack	
19-22.	Ninety Five (95) Boxes Paper Fiber Optic Cleaning Wipes (Delicate Task Wipes) 280 wipes/box, 4.4 x 8.4 inches, soft, non-abrasive, high quality low tint wipe	
23-24.	Twenty three (23) Packs PCR Microplates (96-Well) flat top, polypropylene, non-skirted, Clear, sterile, DNase-, RNase-, and pyrogen-free, 25 pcs/pack	

25.	One hundred (100) Packs Petri Dish plastic with cover lid, dimension: 20 x 100 mm	
26.	Ten (10) Packs Pipette Tips (1000 uL) clear tips, sterile, non-filtered, autoclavable, 1000 pcs/pack	
27.	Five (5) Packs Pipette Tips (200 uL) clear tips, sterile, non-filtered, autoclavable, 1000 pcs/pack	
28.	Five (5) Packs Pipette Tips (10 uL) clear tips, sterile, autoclavable, non-filtered, 1000 pcs/pack	
29-30.	Fifty-Eight (58) Packs Pipette Tips (1000 uL) beveled, blue, non-filtered, sterile, autoclavable, 1,000 pcs/pack	
31-32.	Fifty-three (53) Packs Pipette Tips (10 uL) beveled, non-filtered, clear, sterile, autoclavable, 1,000 pcs/pack	
33.	Thirteen (13) Packs Pipette Tips (200 uL) beveled, non-filtered, yellow, sterile, autoclavable, 1,000 pcs/pack	
34.	Four (4) Pieces Multipurpose Rectangular Ice Pan (4-L capacity) plastic, non-toxic, highly insulative, stackable, unbreakable, light weight, leak-proof, ideal use with ice, dry ice, liquid nitrogen, alcohol and saline solution, and warm solutions, can be cleaned with soap and water, 7-% alcohol or 10% bleach any color	
35.	Two (2) Pieces Multipurpose Rectangular Ice Pan (9-L capacity)	

	plastic, non-toxic, highly insulative, stackable, unbreakable, light weight, leak-proof, ideal use with ice, dry ice, liquid nitrogen, alcohol and saline solution, and warm solutions, can be cleaned with soap and water, 7-% alcohol or 10% bleach any color	
36.	Two hundred (200) Packs Resealable Plastic Bag (1-kg capacity) Clear/transparent, without print, 100 pcs/pack 5"x7"	
37.	Three Hundred (300) Packs Resealable Plastic Bag 250g Clear/transparent, without print, 4.5 inches x 3 inches, 100 pcs/pack	
38-39.	Eighteen (18) Pieces Scalpel Blade #10 size, universal	
40.	Two (2) Kits/Sets Stirring Bar 73mm length magnetic set, round Magnetic stirrer bar set/kit: Pivot ring: 2 each of 10 x 6mm 2 each of 20 x 6mm 2 each of 35 x 6mm 5 each of 40 x 8mm 5 each of 65 x 8mm	
41.	Two (2) Pieces Stirring Bar Retriever polyethylene, size: 43.2 cm	
42.	Two (2) Pieces Stirring Bar Retriever 18 inch (L) x 9.5 mm (diameter), polyethylene rod, with Alnico magnet sealed in one end and loop on opposite end	
43.	Twelve (12) Pieces Glass Test tube 150 mm tall x 16 mm with 14 mm inside diameter, 25-mL capacity	

	rimless	
44.	One Thousand (1000) Pieces Test Tube 47mL glass, rimless, 24 x 150 mm	
45.	Five (5) Piece Test Tube Brush dimension: 5 mm (0.6") x 80 mm long	
46.	One (1) Piece Test Tube Rack wooden 12 holes, 16.75 inch long x 2.5 inch wide base and 4.5 inch tall	
47.	One (1) Piece Volumetric Flask (6-L) Made of glass, tolerance: ± 2 mL, with penny head stopper, with permanent graduation markings and large white block letters inscription	
48.	Two (2) Boxes Disposable Surgical Gloves Nitrile gloves, blue , large 100 pcs/box	
49-54.	Two Hundred Sixty One (261) Boxes Surgical Face Mask 3-ply earloop, hypoallergenic, fluid resistant, form-fit design, 50 pcs/box	
55.	One hundred (100) Pieces KN95 Respirator Face Mask can filter airborne and non-oil based particles (0.3 microns), 95% filtering efficiency, white, universal size, 3D foldable design, elastic ear-loop, soft fabric, comfortable to wear	
56.	Twenty (20) boxes Antistatic Face Mask White/blue, 50 pcs/box, reusable and protective, ear-loop type, with antistatic ESD protective feature, breathable, 3D cut, lint free, made up of 100% anti static polyester and conductive fiber	

57.	<p>Fifteen (15) Boxes Disposable Particulate Respirator Mask</p> <p>NIOSH approved, with 95% filtration efficiency against airborne biological and non-oil based particulates, with cushioning nose foam, 20 pcs/box</p>	
58-59.	<p>Forty (40) Boxes Antistatic Face Mask</p> <p>White/blue, 50 pcs/box, reusable and protective, ear-loop type, with antistatic ESD protective feature, breathable, 3D cut, lint free, made up of 100% anti static polyester and conductive fiber</p>	
60.	<p>Forty (45) pieces Mask</p> <p>N95</p>	
61-62.	<p>Seventy Two (72) Packs Nitrile Gloves (Large)</p> <p>Blue, powder-free, non-sterile, industrial/food service grade, 100 pcs/box</p>	
63-64.	<p>Eighty (80) Packs Nitrile Gloves (Medium)</p> <p>blue, powder-free, non-sterile, industrial/food service grade, 100 pcs/box</p>	
65-66.	<p>Eighty (80) Boxes Nitrile Gloves (Small)</p> <p>blue, powder-free, non-sterile, industrial/food service grade, 100 pcs/box</p>	
67.	<p>Fifteen (15) Boxes Nitrile gloves (Extra Small)</p> <p>blue, powder-free, non-sterile, industrial/food service grade, 100 pcs/box</p>	
68.	<p>Two (2) Pieces Respiratory Mask with Cartridge Filter for Organic Solvent color: yellow</p>	
69.	<p>wenty (20) Pairs Rubber Gloves (Large)</p> <p>Latex dipped coated protective work glove</p>	

70.	One hundred (100) pairs Rubber gloves Size: Large	
71.	Five (5) boxes Surgical Face Mask 3-ply earloop, hypoallergenic, fluid resistant, form-fit design	
72.	Thirty (30) pieces Goggles Protective Goggles w/ Anti-Mist Coating, Frame Material-PCV, Lens Material-Polycarbonate (PC) and Vented Vented	
73.	Four (4) Pieces Laboratory Gown (2 Medium and 2 Large) White, long sleeve, chemical resistant	
Project 4 Chemicals		
74.	One (1) Piece Acetosyringone analytical reagent grade, 5 g/pack	
75.	One (1) Bottle Acrylamide 40% acrylamide and bis- acrylamide solution, 29:1, 1 x 500 mL	
76.	Eight (8) Bottles Acrylamide molecular biology grade, 40% acrylamide and bis-acrylamide solution, 29:1, 2 x 500 mL	
77.	Eight (8) Bottles Acrylamide molecular biology grade, 40% acrylamide and bis-acrylamide solution, 19:1, 2 x 500 mL	
78.	Twelve (12) Bottles Acrylamide molecular biology grade, 40% acrylamide and bis-acrylamide solution, 19:1, 1 x 500 mL	
79.	Twelve (12) Bottles Acrylamide molecular biology grade, 40% acrylamide and bis-acrylamide solution, 29:1, 1 x 500 mL	
80.	One (1) Bottle Bromophenol Blue american chemical society grade	

	analytical reagent grade, 10 g/bottle	
81.	Five (5) Bottles Cetyltrimethylammonium Bromide (CTAB) molecular biology grade, 500 mL/bottle	
82.	One (1) Bottle Chloroform analytical reagent grade, 4L/bottle	
83.	One (1) Unit Competent Agrobacterium Strain	
84.	Ten (10) Carbouy Denatured Alcohol technical grade, 20 L/carbouy	
85-86.	Seven (7) Set Deoxynucleoside Triphosphate (dNTP) Solution Set 100 mM, 4x25 umol molecular biology grade, 100 mM, 4 x 0.25 umol, 1 mL	
87.	Two (2) Bottles Universal DNA Ladder 100 ng/uL, 1 x 1 mL; for 200 lanes, 5 uL per lane, with loading dye (6x) 1 x 1.5 mL contain eighteen DNA fragments (in base pairs): 100 , 150, 200, 300, 400, 500, 600, 800, 1000, 1200, 1600, 2000, 3000, 4000, 5000, 6000, 8000, and 10000	
88.	Twenty (20) Bottles DNA Ladder molecular biology grade, 100bp, 100 ng/uL, 1x1 mL	
89.	Ten (10) Carbouy Ethanol technical grade, 20 L/carbouy	
90.	Four (4) Bottles Ethyl Acetate analytical reagent grade, 4L/bottle	
91.	Two (2) carbouy Ethyl Alcohol 95% Technical grade	
92.	Four (4) Bottles Ethylenediaminetetraacetic Acid (EDTA) Disodium Salt	

	analytical reagent grade, 500 g/bottle	
93.	Two (2) Bottle Formamide molecular biology grade, 500 mL/bottle	
94.	Six (6) Pack GoTaq Reaction Buffer (5x Green) molecular biology grade, 4 bottles/pack	
95.	One (1) Piece Guanidinium thiocyanate and phenol solution (trizol) (chemical solution used in the extraction of DNA, RNA, and proteins from cells.) Molecular biology grade, storage condition: -20°C, ready-to-use solution, 200 mL/bottle	
96-97.	Three (3) Bottle Iodine Sublimed analytical reagent grade, 500 g/bottle	
98-99.	Eight (8) Bottles Isopropanol analytical reagent grade, 4 L/bottle	
100.	Three (3) Units Lambda DNA (516 g/mL) molecular biology grade, 250 ug/bottle	
101.	Three (3) Bottles Luria Broth microbiology grade, 500 g/bottle	
102.	One (1) Piece Meropenem analytical reagent grade (USP grade), 300 mg/bottle	
103.	Four (4) Liters Methanol HPLC grade, 4 L/bottle	
104.	One (1) Bottle Mineral Oil molecular biology grade, 500 mL/bottle	
105.	Fifteen (15) Bottles Nucleic Acid Gel Stain molecular biology grade, RedSafe Nucleic Acid Staining Sol, 1 mL	

106.	<p>Thirteen (13) Tubes Nucleic Acid Stain</p> <p>molecular biology grade, 10000x in water, 0.5 mL for acrylamide and agarose gel use, red</p>	
107.	<p>Thirteen (13) Sets PCR Master Mix</p> <p>2x, 100 reactions, includes nuclease-free water, premixed, ready to use solution containing Taq DNA Polymerase, dNTPs, MgCl₂ and reaction buffers</p>	
108.	<p>Three (3) Bottle Potassium Iodide,</p> <p>analytical reagent grade, 500 g/bottle</p>	
109.	<p>One (1) Piece Potato Dextrose Agar</p> <p>american chemical society reagent microbiology grade, 500 g/bottle</p>	
110.	<p>Two (2) Packs RNase A Solution (10 mg/mL)</p> <p>molecular biology grade, 1 mL/bottle</p>	
111.	<p>One (1) Bottle Sodium Chloride (9%)</p> <p>molecular biology Grade, 500 g/bottle</p>	
112-113.	<p>Six (6) Bottles Sodium Chloride</p> <p>analytical reagent grade, 500 g/bottle</p>	
114-115.	<p>Nine (9) Bottles Sodium Dodecyl Sulfate</p> <p>analytical reagent grade, 500 g/bottle</p>	
116.	<p>Three (3) Carbouy Sodium Hypochlorite</p> <p>industrial or technical grade, 20 L/carbouy</p>	
117.	<p>Four (4) Kits Taq DNA Polymerase</p> <p>500 units, 1x100 uL, 4x1 mL</p>	

118.	Seventeen (17) Units Taq DNA Polymerase Kit molecular biology grade, 500 units, 1x100 uL, 4x1 mL	
119.	Six (6) Units Taq DNA Polymerase molecular biology grade, recombinants, 500 units (5 U/uL)	
120.	Two (2) Bottles Temed (N, N, N',N'-tetramethylethane-1,2-diamine) molecular biology grade, 100 mL/bottle	
121.	Two (2) Bottles Tris Base ultrapure grade, powder, 500 mg/bottle	
122.	Eight (8) Bottle Tris Base molecular biology grade, 500 g/bottle	
123.	Two (2) Bottle Urea molecular grade, powder, 500 g/bottle	
124.	Acetylene (refill only) Four (4) Tank Acetylene (5 kg, Refill only) high purity, 250 psi, 99% purity	