

SUPPLY AND DELIVERY OF VARIOUS LABORATORY REAGENTS AND SUPPLIES  
IB NO. 2020-GOODS-005-02-1016

DELIVERY SCHEDULE

BIDDER'S NAME: \_\_\_\_\_

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
LABORATORY REAGENTS					ILOCOS TRAINING AND REGIONAL MEDICAL CENTER, PARIAN, CITY OF SAN FERNANDO, LA UNION	Delivery of the Goods is required, for a period of one (1) year, on the scheduled dates stated in the approved Purchase Order (PO)
LB004	Commercial Blood Culture Plastic Bottle with Antimicrobial Removal Device - Pediatrics	Approx. 50 bottles/box, expiry => 1 year. To provide machine reader, study table for its machine. Minimum vial load of 120 slots	1,000	bot		
LB005	Commercial Blood Culture Plastic Bottle with Antimicrobial Removal Device - Adult	Approx. 50 bottles/box, expiry => 1 year. To provide machine reader, study table for its machine. Minimum vial load of 120 slots	2,000	bot		
LB0551	VCM(T) Supplement for MTM	2 x 10mL/box	1	box		
LB0558	1% growth supplement (Isovitalex/Vitox)	5x10 mL/box	16	box		
LB00133	Bacitracin Powder	100g/bot	2	bot		
LB0552	Hydrogen Peroxide	Concentrated, 500 mL/bottle	2	bot		
LB0555	Phenol Red Indicator	25g/bot	1	bot		
LB0557	Hemin Powder	25g/bot	1	bot		
LB0561	Biological Indicator (Geobacillus stearothermophilus)	12s/box	16	box		
LB0564	Arbutin	100 g/bottle	1	bot		
LB0565	Mannose	100 g/bottle	1	bot		
LB0581	Raffinose	100 g/bottle	1	bot		
LB0566	Trehalose	25 g/bottle	1	bot		
LB0567	Salicin	25 g/bottle	1	bot		
LB0569	Xylose	100 g/bottle	1	bot		
LB0570	Coagulase Rabbit Plasma	15 mL lyophilized coagulase (EDTA) rabbit plasma/bottle; 10/box	12	bot		
LB0563	Ammonium Acetate	500 g/bottle, AR	1	bot		
LB0698	Crystal Violet Powder	500 g/bottle, AR	1	bot		
LB0586	EDTA Powder	100 g/bottle	1	bot		
LB0587	Q129 Powder	100 g/bottle	1	bot		
LB0571	Ethanol, 95%	2.5 L/bottle, AR	12	bot		
LB0575	Phenol	500g/bot	1	bot		
LB0576	Denatured Alcohol	2.5L/bottle	12	bot		
LB0651	Ethylhydrocupreine,Taxo P	50s/cartridge; expiry: >= 2 years upon delivery	12	cart		
LB0068	Hippurate Disc	50s/cartridge; expiry: >= 2 years upon delivery	4	cart		
LB0652	X Factor	50s/cartridge; expiry: >= 2 years upon delivery	1	cart		
LB0653	V Factor	50s/cartridge; expiry: >= 2 years upon delivery	1	cart		
LB0654	XV Factor	50s/cartridge; expiry: >= 2 years upon delivery	1	cart		
LB0076	Novobiocin	30 ug; expiration date: 2 years or more upon delivery; approx. 50/cart	6	cart		
LB0082	Polymyxin B	300 U expiration date: 2 years or more upon delivery; approx. 50/cart	6	cart		
LB0580	Bacitracin Disc,Taxo A	0.04 U; 50s/cartridge; expiry: >= 2 years upon delivery	4	cart		
LB0560	PYR Reagent Discs	50s/cart; expiry: >= 2 years upon delivery	4	cart		
LB0573	Oxidase Disc ,Taxo N	50s/cart; expiry: >= 2 years upon delivery	24	cart		
LB0568	ONPG	50s/ctg; expiry: >= 2 years upon delivery	4	ctg		
LB0523	Cefinase Disc, Nitrocinfinase	50s/ctg; expiry: >= 2 years upon delivery	4	cart		
LB0585	Blank Disc	50s/ctg; expiry: >= 2 years upon delivery	12	cart		
LB0589	CSF Bacterial Antigen Detection Kit	25 tests/kit; latex agglutination	6	kit		
LB0020	Gram Stain	Staining Set: Crystal Violet, 500-mL; Grams Iodine, 500-mL; Decolorizer, 500-mL; Safranin, 500-mL)	36	box		
LB0699	Acid Fast Bacilli Stain, ZN (Hot) Method	Staining Set: Carbol Fuchsin, 500-mL; Decolorizer, 500-mL; Methylene, 500-mL	40	box		
LB0023	Sheeps Blood-Red cell	100-mL/bottle, expiry 1 month (to be delivered as needed)	60	bot		

PE'S TECHNICAL SPECIFICATIONS						
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LB0590	Horse Blood -Red cell	100-mL/bottle, expiry 1 month (to be delivered as needed)	60	bot		
LB00132	Simon's Citrate Agar	dehydrated media, 500 g/bottle	1	bot		
	Columbia Nalidixic Acid Agar	dehydrated media, 500 g/bottle	1	bot		
LB0700	Mac Conkey Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	6	bot		
LB0032	Mannitol Salt Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	2	bot		
LB0701	MR-VP Broth	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	1	bot		
LB0033	Mueller Hinton Agar, 500g	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	12	bot		
LB0034	Nutrient Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	2	bot		
LB0040	Sabouraud Dextrose Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	1	bot		
LB0549	DNAse Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	2	bot		
LB0562	Eosin Methylene Blue	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	2	bot		
LB0574	O-F Basal Medium	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	1	bot		
LB0578	Tryptic Soy Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	10	bot		
LB0655	Bile Esculin Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	1	bot		
LB0656	CTA Medium	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	2	bot		
LB0657	Starch Agar	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	1	bot		
LB0658	Urea Agar Base	dehydrated culture media, 500 g/bottle, expiry: >/= 3 years upon delivery	1	bot		
	<b>Sensitivity Discs:</b>	<b>Note:include a copy of the 2019 CLSI Guidelines</b>				
LB0044	Amikacin	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0045	Amoxicillin-clavulanic acid	20/10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
	Ampicillin	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0047	Ampicillin/sulbactam	10/10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0048	Azithromycin	15 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0049	Aztreonam	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0702	Cefaclor	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0050	Cefazolin	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0051	Cefipime	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0708	Cefixime	5 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0052	Cefotaxime	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0053	Cefoxitin	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0054	Ceftazidime	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0055	Ceftriaxone	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0056	Ceftaroline	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0059	Cefuroxime (oral)	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0762	Cefpodoxime	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	24	cart		
LB0060	Cephalotin	100 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0061	Chloramphenicol	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0062	Ciprofloxacin	5 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0063	Clarithromycin	15 ug; 50s/ctg; expiry: >/= 2 years upon delivery	6	cart		
LB0064	Clindamycin	2 ug; 50s/ctg; expiry: >/= 2 years upon delivery	6	cart		
LB0763	Colistin	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	6	cart		
LB0065	Ertapenem	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0066	Erythromycin	15 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0703	Fosfomycin	200 ug; 50s/ctg; expiry: >/= 2 years upon delivery	8	cart		
LB0189	Gatifloxacin	5 ug; 50s/ctg; expiry: >/= 2 years upon delivery	6	cart		
LB0659	Gentamicin	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	32	cart		
LB0704	Gentamicin High Level, 120 ug	120 ug; 50s/ctg; expiry: >/= 2 years upon delivery	4	cart		
LB0068	Imipenem	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0069	Levofloxacin	5 ug; 50s/ctg; expiry: >/= 2 years upon delivery	24	cart		
LB0070	Linezolid	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0071	Meropenem	10 ug; 50s/ctg; expiry: >/= 2 years upon delivery	40	cart		
LB0705	Minocycline	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0072	Moxifloxacin	5 ug; 50s/ctg; expiry: >/= 2 years upon delivery	12	cart		
LB0073	Nalidixic Acid	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	6	cart		
LB0189	Netilmicin	30 ug; 50s/ctg; expiry: >/= 2 years upon delivery	6	cart		

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LB075	Nitrofurantoin	300 ug; 50s/ctg; expiry: >= 2 years upon delivery	8	cart		
LB077	Ofloxacin	5 ug; 50s/ctg; expiry: >= 2 years upon delivery	12	cart		
LB0078	Oxacilin, 1 ug	1 ug; 50s/ctg; expiry: >= 2 years upon delivery	8	cart		
LB080	Penicillin, 10 U	10 U; 50s/ctg; expiry: >= 2 years upon delivery	8	cart		
LB0506	Piperacillin	100 ug; 50s/ctg; expiry: >= 2 years upon delivery	12	cart		
LB0081	Piperacillin/Tazobactam	100/10 ug; 50s/ctg; expiry: >= 2 years upon delivery	32	cart		
LB0513	Rifampicin	5 ug; 50s/ctg; expiry: >= 2 years upon delivery	8	cart		
LB0707	Streptomycin High Level	300 ug; 50s/ctg; expiry: >= 2 years upon delivery	4	cart		
LB0083	Sulfamethoxazole/Trimethoprim	1.25/23.75 ug; 50s/ctg; expiry: >= 2 years upon delivery	32	cart		
LB0086	Tetracycline	30 ug; 50s/ctg; expiry: >= 2 years upon delivery	24	cart		
LB0764	Ticarcillin	75ug; 50s/ctg; expiry: >= 2 years upon delivery	6	cart		
LB0359	Ticarcillin-clavulanate	75/10ug; 50s/ctg; expiry: >= 2 years upon delivery	6	cart		
LB0087	Trimethoprim	5 ug; 50s/ctg; expiry: >= 2 years upon delivery	12	cart		
LB0088	Tobramycin	10 ug; 50s/ctg; expiry: >= 2 years upon delivery	40	cart		
LB0090	Vancomycin	30 ug; expiration date: 2 years or more upon delivery; approx. 50/cart	8	cart		
LB0438	Distilled Water	Pure Distilled Drinking Water, tested and certified by the National Sanitation Foundation (NSF) International, at least 6 liters	1,203	bot.		
LB0182	Harris Hematoxylin	AR Grade, shelf temperature of 300C, at least 3.8L. To provide Safety Data Sheet	4	bot.		
LB0183	Eosin Y	Alcohol-based stain, AR Grade, shelf temperature of 300C, at least 3.8L. To provide Safety Data Sheet.	4	bot.		
LB0184	EA-50	AR Grade, shelf temperature of 300C, at least 3.8L. To provide Safety Data Sheet	4	bot		
LB0661	OG-6	AR Grade, shelf temperature of 300C, atleast 3.8L. To provide Safety Data Sheet	4	bot.		
LB0429	Tissue Freezing Medium	for frozen section, atleast 125 ml.	4	bot.		
LB0186	Tissue section adhesive	AR Grade, Liquid adhesive, compatible with frozen section, H&E and special stain, at least 3.8L	2	bot.		
LB0187	Scotts Tap Water (Bluing Solution)	AR Grade, Scotts tap water concentrate for histology and cytology, at least 473 ml	10	bot		
LB0188	Acid Alcohol (0.5-1%)	AR Grade, for H&E and cytology stain, atleast 3.8L. To provide Safety Data Sheet	4	gal		
LB0591	Reagent Alcohol,100%	AR Grade, at least 3.8L. To provide Safety DaTa Sheet	72	bot		
LB0189	Decalcifier	AR Grade for tissue decalcification in histopathology, atleast 946ml, fast acting (nitric acid content 5%). To provide Safety Data Sheet.	8	bot		
LB0193	Xylene	atleast 3.8L/gal. To provide Safety Data Sheet.	40	gal		
LB0194	Mounting Medium	Refractive index close to that of glass (1.518), non-reactivity with the specimen, stability over the time without crystallizing, darkening or changing refractive index, solubility in the medium the specimen was prepared(either aqueous or non-polar, such as xylene or toluene), and not causing the specimen stain to fade or leach. Can be stored at room temp of 30 degree Celcius, at least 473 ml, Xylene-based. To provide Safety Data Sheet	12	bot		
LB0765	Tissue Marking and margin dye	set, remains visible when processed with xylene and alcohol does not run over saturates tissues.	1	bot		
LB0194	Embedding Pellets, 1 kg/pack	highly purified paraffine wax with added microcrystallin for precise embedding and sectioning wiht elting point of 56-60'C. Should have a continuous ribbon production and does not crack upon cooling, individually packed in 1kg, shld bear the name, melting point, manufacturer, lot number and other necessary informations in the package. To provide Safety Data Sheet	100	pack		
LB0430	Tissue Freezing Spray	at least 295 ml	6	tin		
	Stainless Base mold for embedding tissue	made from high quality stainless steel for optimum thermal conductivity; well polished surface for easy paraffin removal, all corners are round size: 38x25x12, 12/PACK	10	pack		
LB0201	Fecal Immunochemical Test	with cartridge, TO PROVIDE MACHINE READER	3,200	test		
LB0204	MET/THC Drug Test	card, with cartidge, expiry >2 years, to provide polyethylene transparent container, 60 mL	1,000	test		
LB0205	Pregnancy Test	card, with cartridge	4,000	test		

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ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
LB0206	Urine Strips, at least 10 Parameters	to provide machine reader. Color Chart exactly matches with the used urine strip. To provide negative and positive specimens as control;	25,000	test		
LB0208	Micral Test	test strips/bot, expiry 2 years	180	test		
	<b>IMMUNOCHROMATOGRAPHY TESTS:</b>					
LB0211	C3 IgM Quantitative	fully automated: box with control and free consumables	400	test		
LB0214	Dengue NS1 Qualitative	One Step, with cartridge	700	test		
LB0217	H.Pylori Qualitative	One Step, with cartridge	400	test		
LB0218	HAV IgG/IgM Qualitative	One Step, with cartridge	600	test		
LB0219	HBsAg Qualitative	One Step, with cartridge	2,000	test		
LB0220	HCV Qualitative	One Step, with cartridge	3,000	test		
LB0221	HIV 1/2 Qualitative	One Step, with cartridge	400	test		
LB0222	Leptospira IgG/IgM Qualitative	One Step, with cartridge	160	test		
LB0324	Salmonella, IgG IgM	Immunochromatography	400	test		
LB0223	Salmonella Qualitative, IgM	immuno diffusion, Magnetic Inhibition	400	test		
LB0224	Syphilis Qualitative	One Step, with cartridge	2,000	test		
LB0225	Troponin I Qualitative		1,600	test		
LB0227	Troponin T, Qualitative		160	test		
LB0248	CD4 Cartridge	with control set (low and high);. To provide machine reader and calibrator.Preventive maintenance of the machine will be shoulder by the company.	400	test		
LB0250	D-Dimer		180	test		
LB0251	CD4 Control		2	set		
LB0210	ASO Qualitative		200	test		
LB0212	CRP Qualitative		200	test		
LB0766	RF Qualitative		200	test		
LB0767	ANA Test		200	test		
LB0319	Glucose Solution	orange flavor, 100g	24	bot		
LB0320	Glucose Solution	orange flavor, 75g	800	bot		
LB0321	Glucose Solution	orange flavor, 50g	24	bot		
LB0322	HGT/Capillary Blood Glucose strips (CBG) with accompanying reader	within 5-10 seconds result for glucose, 10 seconds for ketones, 2.5uL of blood for glucose, 1.5uL for ketones; arterial, capillary, venous and neonatal blood samples;lifetime warranty. 50T/box	1,500	box		
LB0340	Brilliant Cresyl Blue Solution	500ml/bot	2	bot		
LB0341	Hematology Stain AR	3x500ml	6	set		
LB0697	GIEMSA Stain (Fast Acting May-Grunwald Giemsa Variation)	set of Fixative,Eosin and Blue Stain,1000ml per bottle	12	set		
LB0342	Methanol, AR	at least 2.5L/bot. To provide Safety Data Sheet.	8	bot		
LB0299	Oil Immersion for Microscopy	Viscosity (20' C) , 100-120 mPas , 100 ml.	12	bot		
LB0345	Anti-D	Monoclonal;expiry date: 2 years or more upon delivery, 10mL/vial	420	vial		
LB0347	Anti-Human Globulin	Monoclonal;expiry date: 2 years or more upon delivery, 10mL/vial	4	vial		
LB0351	Typing Sera A & B, Epiclone	Monoclonal;expiry date: 2 years or more upon delivery, 10mL/vial (A=460; B:460)	460	set		
LB0354	Bovine Albumin, 22-30%	expiry date: 2 years or more upon delivery, 10mL/vial	4	vial		
LB0355	Bovine Albumin, 6%	expiry date: 2 years or more upon delivery, 10mL/vial	4	vial		
LB0768	Hemoglobin Analyzer, 50's/bot	for accurate anemia screening on both diagnostics and blood donation settings, quick, easy without compromising accuracy, could withstand high temperatures and humidity, capillary, venous or arterial whole blood, QC: built-in "SelfTest, optional liquid control, result: < 25 seconds, calibration:factory calibrated, tie up, inclusive of consumables (FOC), control cuvettes included, touch screen/user friendly, rechargeable battery, photometric, methemoglobin method.	200	bot		
LB0666	Blood Typing Card	Blood Grouping Card for ABO and Rh Typing with autocontrol Specifications :blood grouping in less than 5 minutes; easy procedure simple interpretation of results; with autocontrol for validation ; room storage temperature	200	pc		

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I.	<b>REAGENTS FOR BACTERIAL IDENTIFICATION AND ANTIBIOTICS SENSITIVITY TESTING AUTOMATED MACHINE</b> 1.The lowest responsive bidder will provide the machine for its reagents use and to include Automatic Voltage Regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate and On-line monitoring/trouble shooting. .Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on machine to be install. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. Sensitivity: 99.9% sensitive and can release results lower than 0.005. 13. No reagents preparation required. 14. To provide reagent ref to maintain the stability of the reagent (pull-out after contract expires). 15. To replace reagents 3 months prior to expiration date, when not used.					
LB0149	Automated System: Gram-positive cocci identification kit	Card/strip biochemical panel for the identification of Staphylococci, Streptococci and Enterococcus spp.;	352	test		
LB0150	Automated System: Gram-positive cocci AST kit	Card/strip susceptibility testing of Staphylococcus spp., Streptococcus spp. and Enterococcus spp.; Equivalent efficacy concentration of antimicrobial agent in ug/mL;	400	test		
LB0660	Automated System: Gram-positive cocci (Streptococcus spp.) kit	Card/strip susceptibility testing of Streptococcus spp. and Enterococcus spp.; Equivalent efficacy concentration of antimicrobial agent in ug/mL; approx. 20 test/box	80	test		
LB0152	Automated System: Gram-negative bacilli identification kit	Card/strip biochemical panel for the identification of Enterobacteriaceae/Non-fermenters spp.;	640	test		
LB0582	Automated System: Neisseria spp., Haemophilus spp. identification kit	Card/strip biochemical panel for the identification of Neisseria spp./Haemophilus spp.;	40	test		
LB0153	Automated System: Gram-negative bacilli AST kit	Card Determination for the susceptibility of Enterobacteriaceae/ Non-Enterobacteriaceae spp; Equivalent efficacy concentration of antimicrobial agent in ug/mL;	640	test		
LB0583	Automated System: Yeast ID kit	Card/strip biochemical panel for the identification of Yeast and Yeast-like organisms	80	test		
LB0584	Automated System: Yeast AST kit	Card Determination for the susceptibility of Yeast and Yeast-like organisms in ug/mL;	80	test		
LB0792	Automated System: Gram-positive bacilli Identification Kit	Card/strip biochemical panel for the identification of gram-positive bacilli.	20	test		

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II.	<p>REAGENTS FOR IMMUNOLOGY FULLY AUTOMATED MACHINE (ELISA)</p> <p>will provide the machine for its reagents use and to include Automatic Voltage Regulator with time delay.</p> <p>2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate and On-line monitoring/trouble shooting</p> <p>.Indicate the Brand and Model of the machine to be installed.</p> <p>3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS.</p> <p>4. To provide brochure of the machine for initial assessment of the machine and reagent.</p> <p>5. To conduct product demonstration and assessment of the reagent on machine to be install.</p> <p>6. Controls and calibrators are free for one(1) year or until the duration of the contract expires.</p> <p>7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.</p> <p>8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration.</p> <p>9. To provide all other consumable reagents and supplies needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents.</p> <p>10. Reagents used during repair and validation/calibration must be replaced by the supplier.</p> <p>11. The supplier will maintain the room temperature requirement of their machine.</p> <p>12. Sensitivity: 99.9% sensitive and can release results lower than 0.005.</p> <p>13. No reagents preparation required.</p> <p>14. To provide reagent ref to maintain the stability og the reagent (pull-out after contract expires).</p> <p>15. To replace reagents 3 months prior to expiration date, when not used.</p>					
LB0228	AFP		300	test		
LB0791	Anti-dsDNA		200	test		
LB0230	Anti-HBc IgM		300	test		
LB0231	Anti-HBe		300	test		
LB0232	Anti-HBs		1,600	test		
LB0233	Anti-HCV		500	test		
LB0234	Anti-HIV		200	test		
LB0235	CA 125		400	test		
LB0663	CA 19-9		200	test		
LB0236	CEA		400	test		
LB0237	FT3		400	test		
LB0238	FT4		4,600	test		
LB0239	HBeAg		300	test		
LB0240	HBsAg		400	test		
LB0241	PSA Free		400	test		
LB0242	PSA Total		400	test		
LB0243	T3		400	test		
LB0244	T4		400	test		
LB0245	TSH		4,600	test		
LB0246	Beta-HCG		400	test		

PE'S TECHNICAL SPECIFICATIONS

ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
II. A.	<p><b>REAGENTS FOR IMMUNOLOGY FULLY AUTOMATED MACHINE (CLIA)</b></p> <p>1.The lowest responsive bidder will provide the machine for its reagents use and to include Automatic Voltage Regulator with time delay.</p> <p>2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate and On-line monitoring/trouble shooting .Indicate the Brand and Model of the machine to be installed.</p> <p>3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS.</p> <p>4. To provide brochure of the machine for initial assessment of the machine and reagent.</p> <p>5. To conduct product demonstration and assessment of the reagent on machine to be install.</p> <p>6. Controls and calibrators are free for one(1) year or until the duration of the contract expires.</p> <p>7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.</p> <p>8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration.</p> <p>9. To provide all other consumable reagents and supplies needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents.</p> <p>10. Reagents used during repair and validation/calibration must be replaced by the supplier.</p> <p>11. The supplier will maintain the room temperature requirement of their machine.</p> <p>12. Sensitivity: 99.9% sensitive and can release results lower than 0.005.</p> <p>13. No reagents preparation required.</p> <p>14. To provide reagent ref to maintain the stability of the reagent (pull-out after contract expires).</p> <p>15. To replace reagents 3 months prior to expiration date, when not used.</p>					
LB0228	AFP		300	test		
LB0230	Anti-HBc IgM		300	test		
LB0231	Anti-HBe		300	test		
LB0232	Anti-HBs		1,800	test		
LB0233	Anti-HCV		400	test		
LB0234	Anti-HIV		300	test		
LB0235	CA 125		300	test		
LB0663	CA 19-9		228	test		
LB0236	CEA		300	test		
LB0237	FT3		300	test		
LB0238	FT4		4,500	test		
LB0239	HBeAg		200	test		
LB0240	HBsAg		300	test		
LB0241	PSA Free		300	test		
LB0242	PSA Total		300	test		
LB0243	T3		200	test		
LB0244	T4		200	test		
LB0245	TSH		4,500	test		
LB0246	Beta-HCG		448	test		

## PE'S TECHNICAL SPECIFICATIONS

ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
III.	<p>REAGENTS FOR IMMUNOLOGY AUTOMATED MACHINE</p> <p>1.The lowest responsive bidder will provide brand new fully automated machine for its reagents use. and to include Automatic Voltage Regulator with time delay.</p> <p>2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed.</p> <p>3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS.</p> <p>4. To provide brochure of the machine for initial assessment of the machine and reagent.</p> <p>5. To conduct product demonstration and assessment of the reagent on the machine to be install.</p> <p>6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents.</p> <p>7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.</p> <p>8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration.</p> <p>9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents.</p> <p>10. Reagents used during repair and validation/calibration must be replaced by the supplier.</p> <p>10. The supplier will maintain the room temperature requirement of their machine.</p> <p>11. No reagents preparation required.</p> <p>12. Reagents are bar coded and the same brand with the machine to be install.</p> <p>13. To maintain viability of reagents the Lowest responsive bidder shall provide refrigerator. (to be pulled out after their contract).</p> <p>14. Sensitivity: 99.99% and can release results lower than .005.</p> <p>15. The supplier will replace reagents and supplies 3 months prior to expiration date if it will not be consumed.</p> <p>16. Machine must have a Clot Detection System with immediate flagging of faulty samples.</p>					
LB0723	ASO Quantitative		500	test		
LB0724	CRP Quantitative		740	test		
LB0662	Rheumatoid Factor Quantitative		140	test		
LB0725	ASO Control		6	kit		
LB0726	CRP Control		6	kit		
LB0727	Rheumatoid Factor Control		6	box		



PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
IV.	REAGENTS FOR A PORTABLE IMMUNOLOGY ANALYZER 1.The lowest responsive bidder will provide brand new machine for its reagents use 2. The machine to be provided must be table top (portable), user friendly, easy to operat.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagent preparation required. 13.Provides Quantitative results 14.With Internal QC 15. Uses Venous whole blood (EDTA) approximately 100 ul calibration 16. Provides Standard strip for 17. Operational temperature 18-32°C 18. Measurement Time : 10 minutes					
LB0711	Total PSA	to include control 20T/box ,strip	80	test		
LB0712	Free PSA	to include control 20T/box ,strip	80	test		
LB0713	TSH	to include control 20T/box ,strip	80	test		
LB0714	T3	to include control 20T/box ,strip	80	test		
LB0715	T4	to include control 20T/box ,strip	80	test		
LB0716	B-HCG	to include control 20T/box ,strip	100	test		
LB0249	(CKMB, TROP-I, MYOGLOBIN, BNP)	to include control 20T/box ,strip	140	test		
V.	REAGENTS FOR A PORTABLE IMMUNOLOGY ANALYZER 1.The lowest responsive bidder will provide brand new machine for its reagents use 2. The machine to be provided must be table top (portable), user friendly, easy to operat.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagent preparation required. 13. Provide quantitative result. 14. With internal quality control 15. Provides standard strip for calibration.					
LB0225	Troponin I Quantitative		1,120	test		
LB0249	3 IN 1 (CKMB, Trop I, Myoglobin)		400	test		
LB0250	D-Dimer		400	test		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
VI.	WET CHEMISTRY REAGENTS automated machine and Automatic Voltage Regulator with time delay. must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate. Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. demonstration and assessment of the reagent on the machine to be installed. the contract expires. Delivery must be on the same time with the delivery of their reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. used on wastage during repair and validation/calibration must be replaced by the supplier. requirement of their machine. 12. No reagents preparation required. 13. Reagents are bar coded and the same brand with the machine to be install. 14. To maintain viability of reagents the lowest responsive bidder shall provide refrigerator (to be pulled out after their contract). 15. The supplier will strictly replace all reagents and supplies 2 months before expiration date if it will not be consumed within 2 months. 16. Machine must have STAT capability to speed up delivery of results. 17. Machine must have a Clot Detection System with immediate flagging of faulty samples. positive reagent identification. evaporation and degradation. 20. On screen inventory of remaining tests per reagent for good reagent management. 21. Machine must have a waste management system wherein end users/ operators will have no contact on waste cuvettes especially those used in processing known infectious samples. This is to safeguard the operator/ end user from harmful infectious agents. Machine must have a waste management system where in no splashes of liquid waste are to be observed especially on the waste compartment. This is to safeguard the operator/ end user from harmful infectious agents. there is a good performance on quality control and calibration. Running of both calibration and quality control must minimize reruns and re-constitution of calibrators and quality control materials to yield good/ acceptable results. 24. Machine must be capable of doing Random Access in processing samples with their requested lab examination. 25. Printers used by analyzers are to be regularly maintained including resetting of printer pads and replacement of parts needed for operation. Immediate response of repair should be done within 12 hours after breakdown was reported. Documentation and service report shall be generated after machine has been repaired or restored.		1. The lowest responsive bidder will provide brand new fully 2. The machine to be provided 5. To conduct product 6. Controls and calibrators are free for one(1) year or until the duration of 10. Reagents 11. The supplier will maintain the temperature 18. Barcoded reagents for 19. Must have an onboard refrigeration to prevent reagent 22. Machine must have a good quality assurance interface wherein 23. Machine must have a good quality assurance interface wherein 26. Service engineers should be responsive in cases of unexpected analyzer breakdown.			
LB0252	Albumin		5,700	test		
LB0253	Alkaline Phosphate		3,600	test		
LB0254	Amylase		2,700	test		
LB0255	Bilirubin Direct		3,120	test		
LB0256	Bilirubin Total		3,120	test		
LB0257	BUN		14,000	test		
LB0258	Cholesterol, Total		12,000	test		
LB0259	Cholesterol HDL		13,500	test		
LB0260	Creatinine		18,900	test		
LB0592	Ferritin		1,200	test		
LB0593	Iron		1,200	test		
LB0261	LDH		1,800	test		
LB0262	Magnesium		6,720	test		
LB0263	Phosphorous		6,720	test		
LB0264	SGOT		9,000	test		
LB0265	SGPT		9,000	test		
LB0266	Glucose		14,400	test		
LB0267	Lipase		300	test		
LB0268	Total Protein		5,400	test		
LB0269	Triglycerides		10,000	test		
LB0270	CSF / Urine protein		900	test		
LB0272	Uric Acid		3,600	test		
LB0296	ACP		600	test		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
VII.	DRY CHEMISTRY REAGENTS automated machine and Automatic Voltage Regulator with time delay. table top/floor type, user friendly, easy to operate. Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. brochure of the machine for initial assessment of the machine and reagent. reagent on the machine to be installed. be on the same time with the delivery of their reagents. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. other consumable reagents and supplies (sample cups, cuvettes, tips, etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used on wastage during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the temperature requirement of their machine. 14. To maintain viability of reagents the lowest responsive bidder shall provide refrigerator (to be pulled out after their contract). 15. The supplier will strictly replace all reagents and supplies 2 months before expiration date if it will not be consumed within 2 months. 16. Machine must have STAT capability to speed up delivery of results. must have a Clot Detection System with immediate flagging of faulty samples. 20. On screen inventory of remaining tests per reagent for good reagent management. 21. Machine must have a waste management system wherein end users/ operators will have no contact on waste cuvettes especially those used in processing known infectious samples. This is to safeguard the operator/ end user from harmful infectious agents. be observed especially on the waste compartment. This is to safeguard the operator/ end user from harmful infectious agents. 23. Machine must have a good quality assurance interface wherein there is a good performance on quality control and calibration. Running of both calibration and quality control must minimize reruns and re-constitution of calibrators and quality control materials to yield good/ acceptable results. samples with their requested lab examination. printer pads and replacement of parts needed for operation. Immediate response of repair should be done within 12 hours after breakdown was reported. Documentation and service report shall be generated after machine has been repaired or restored.		1. The lowest responsive bidder will provide brand new fully 2. The machine to be provided must be High end machine, US ready, 4. To provide 5. To conduct product demonstration and assessment of the 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must 7. 8. Preventive 9. To provide all 12. No reagents preparation required. 13. Reagents are bar coded and the same brand with the machine to be install. 17. Machine 18. Barcoded reagents for positive reagent identification. 19. Must have an onboard refrigeration to prevent reagent evaporation and degradation. 22. Machine must have a waste management system where in no splashes of liquid waste are to 24. Machine must be capable of doing Random Access in processing 25. Printers used by analyzers are to be regularly maintained including resetting of 26. Service engineers should be responsive in cases of unexpected analyzer breakdown.			
LB0274	Albumin		1,500	test		
LB0275	Amylase		216	test		
LB0278	BUN		6,600	test		
LB0279	Calcium		540	test		
LB0281	Cholesterol		2,160	test		
LB0282	Cholesterol HDL		2,160	test		
LB0283	Creatine Kinase		18	test		
LB0284	Creatinine		6,600	test		
LB0285	Glucose		3,900	test		
LB0286	Lipase		720	test		
LB0287	Potassium		500	test		
LB0288	Sodium		250	test		
LB0289	CSF Protein		270	test		
LB0290	SGOT		1,200	test		
LB0291	SGPT		1,000	test		
LB0292	Total Protein		1,000	test		
LB0293	Triglycerides		2,000	test		
LB0294	Urine Protein		126	test		
LB0295	Uric Acid		1,200	test		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
VII.	<div>Reagent for HBA1c</div> <div>fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay.</div> <div>2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed.</div> <div>3. To provide brochure of the machine for initial assessment of the machine and reagent.</div> <div>of the machine for initial assessment of the machine and reagent.</div> <div>5. To conduct product demonstration and assessment of the reagent on the machine to be installed.</div> <div>6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents.</div> <div>7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.</div> <div>8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration.</div> <div>9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents.</div> <div>10. Reagents used during repair and validation/calibration must be replaced by the supplier.</div> <div>11. The supplier will maintain the room temperature requirement of their machine.</div> <div>12. No reagents preparation required.</div>					
LB0297	HBA1C	cartridge/disc/liquid,HPLC	5,000	test		
VII. B	<div>Reagent for HBA1c (Back-Up)</div> <div>fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay.</div> <div>2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed.</div> <div>3. To provide brochure of the machine for initial assessment of the machine and reagent.</div> <div>of the machine for initial assessment of the machine and reagent.</div> <div>5. To conduct product demonstration and assessment of the reagent on the machine to be installed.</div> <div>6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents.</div> <div>7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.</div> <div>8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration.</div> <div>9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents.</div> <div>10. Reagents used during repair and validation/calibration must be replaced by the supplier.</div> <div>11. The supplier will maintain the room temperature requirement of their machine.</div> <div>12. No reagents preparation required.</div>					
LB0297	HBA1C	liquid,HPLC	4,202	test		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
VIII.	Hemoglobin Electrophoresis Reagents 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.					
LB0303	Hemoglobin kit		600	test		
LB0664	Serum Protein Electrophoresis Reagent		200	test		
LB0729	Hemoglobin A1C Electrophoresis Reagent		200	test		
LB0730	HBA1C Electrophoresis Control		1	kit		
IX.	Na, K, Cl, Ionized Calcium, Total Caciun REAGENTS FOR Na, K, Cl, Ionized Calcium, Total Calcium 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.					
LB0317	Na, K, Cl, Ionized Calcium, Total Calcium		18,000	test		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
X.	Na, K, Cl, Ionized Calcium, Reagent Pack	REAGENTS FOR Na, K, Cl, and Ionized Calcium 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.				
LB0318	Na, K, Cl, Ionized Calcium, Reagent Pack		12,000	test		
XI.	Na,K,Cl, Ionized Calcium, Ionized Magnesium REAGENTS FOR Na, K, Cl, Ionized Calcium and Ionized Magnesium	1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.				
LB0665	Na,K,Cl, Ionized Calcium, Ionized Magnesium		3,600	test		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
XII.	<b>FULLY AUTOMATED MACHINE FOR G6PD REAGENTS REAGENTS FOR G6PD</b> 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required. 13. Reagents are bar coded and the same brand with the machine to be installed. 14. To maintain viability of reagents the Lowest responsive bidder shall provide refrigerator. (to be pulled out after their contract). 15. The supplier will replace reagents and supplies 3 months before expiration date if it will not be consumed within 3 months.					
LB0194	G6PD Reagent	70T/kit	16	Kit		
LB0195	Lysebio	4156T/Bot	4	Bot		
LB0196	Control	2 sets (3 levels/set) per box	12	Box		
LB0676	Cuvettes	5400T/box	2	Box		
LB0677	Sample Cups	1000T/pack	2	Pack		
XIII.	<b>REAGENTS FOR IMMUNOHISTOCHEMISTRY</b> 1. The lowest responsive bidder will provide a Fully Automated IHC and ISH machine with the following features: capable to run dual staining at the same time, has three different racks in which one rack can contain 10 slides for a total of 30 slides, it can run with or without the barcode sticker and must be able to recognize handmarking, capable to perform random running, able to make the tissue stay intact and not washed out during the run. 2. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts and shall have a fixed scheduled PM's until duration of the contract. 3. The lowest responsive bidder shall provide proper training and user's manual for the histotechnicians.					
LB0688	Polymer Refine Detection	kit, compatible with fully automated IHC and ISH machine	3	Kit		
LB0689	Wash Solution 10x Concentrate	liter, compatible with fully automated IHC and ISH machine	4	Kit		
LB0718	Dewax Solution	pack, compatible with fully automated IHC and ISH machine	4	Kit		
LB0719	Enzyme Pre-treatment Kit	kit, compatible with fully automated IHC and ISH machine	1	Kit		
LB0720	Epitope Retrieval Solution 1	1 liter/kit, compatible with fully automated IHC and ISH machine	3	Kit		
LB0721	Epitope Retrieval Solution 2	1 liter/kit, compatible with fully automated IHC and ISH machine	3	Kit		
LB0722	Universal Covertiles	160/kit, compatible with fully automated IHC and ISH machine	1	Kit		
LB0678	Slide Labels and Printer Ribbon	compatible with fully automated IHC and ISH machine	1	kit		
LB0679	Mixing Stations	compatible with fully automated IHC and ISH machine	1	bot		
LB0680	ER(Estrogen Receptor)	compatible with fully automated IHC and ISH machine	3	bot		
LB0681	PR(Progesterone Receptor	compatible with fully automated IHC and ISH machine	3	bot		
LB0682	HER2 NEU Pathway	compatible with fully automated IHC and ISH machine	3	bot		
LB0683	CK (Pancytokeratine)	compatible with fully automated IHC and ISH machine	1	bot		
LB0684	CD 20	compatible with fully automated IHC and ISH machine	1	bot		
LB0685	CD3	compatible with fully automated IHC and ISH machine	1	bot		
LB0686	CD45 (LCA)	compatible with fully automated IHC and ISH machine	1	box		
	S100	compatible with fully automated IHC and ISH machine	1	bot		
	Ki67	compatible with fully automated IHC and ISH machine	1	bot		
LB0686	Vimentin	compatible with fully automated IHC and ISH machine	1	box		
	IHC Microscope Slides	compatible with fully automated IHC and ISH machine	10	box		

## PE'S TECHNICAL SPECIFICATIONS

ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
XIV.	<b>HEMATOLOGY Analyzer (6 Parts) REAGENTS FOR Hematology Analyzer (6 Parts)</b> 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automative Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. LIS connection shall be shouldered by the company. 3. To provide brochure of the machine for initial assessment of the machine and reagent.  4. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (EDTA tubes equivalent to number of test per diluent, probe, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.  13. To replacereagents 3 months prior to expiry date when not in use. 14. To provide back up machine. 15. To provide printer and continous ink. List of Reagents Needed to consume the total quantity of the reagent Pack					
LB0162	Diluent	20L/Box	38	box		
LB0342	Stain for WBC/NRBC	82mLx2 per box	4	box		
LB0613	Stain for diff. count	42mLx2 per box	4	box		
LB0248	Lysing Reagent for Diff count	4Lx2 per box	4	box		
LB0411	Lysing reagent for WBC/NRBC	4Lx2 per box	4	box		
LB0248	Lysing Reagent for Hemoglobin	1.5Lx2 per box	4	box		
XV.	<b>Fully Automated Hematology Analyzer, 5 Parts</b> <b>Analyzer (5Parts)</b> 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automative Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. LIC connection shall be shouldered by the company. 3. To provide brochure of the machine for initial assessment of the machine and reagent. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (EDTA tubes equivalent to number of test per diluent, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.  13. To replacereagents 3 months prior to expiry date when not in use. 14. To provide back up machine. 15. To provide printer and continous ink.					
LB0330	Diluent	20L/box	100	box		
LB0331	WBC differential lyse	1L/bot	24	bot		



PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
LB0332	Stain for WBC	400ml/bot	24	bot		
LB0333	Lyse for Hemoglobin	1L/bot	24	bot		
XVI.	COAGULATION ANALYZER REAGENTS		REAGENTS FOR			
	Coagulation Analyzer					
	1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automatic Voltage regulator with time delay.					
	2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed.					
	3. To provide brochure of the machine for initial assessment of the machine and reagent.		4. To provide brochure of the machine for initial assessment of the machine and reagent.			
	5. To conduct product demonstration and assessment of the reagent on the machine to be installed.					
	6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents.					
	7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.					
	8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration.					
	9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents.					
	10. Reagents used during repair and validation/calibration must be replaced by the supplier.		12. No Reagent preparation			
	11. The supplier will maintain the room temperature requirement of their machine.					
	13. To replace reagents 3 months prior to expiry date when not in use.					
	14. To provide back up machine.					
	15. To provide printer and continous ink.					
	16. To provide refrigerator for its reagent storage.					
LB0335	PT Reagent		16,000	test		
LB0336	APTT Reagent (with Calcium Chloride)		1,600	test		
XVII.	CROSSMATCHING,ABO-RH TYPING AND ANTIBODY SCREENING REAGENTS (COLUMN AGGLUTINATION TECHNOLOGY USING SEMI-AUTOMATED MACHINE)					
	1.The lowest responsive bidder will provide semi-automated brand new machine for its reagents use and to include Automatic Voltage Regulator with time delay.					
	2.The brand new machine to be provided must be tabletop, user friendly, easy to operate and troubleshoot .Indicate the Brand and Model of the machine to be installed.					
	3. To provide training for the end-users.					
	4. Must provide Free of Charge Quality Control Reagents for ABO/Rh/Reverse Typing and Antibody Screening					
	5. To provide a viewbox (with white light) for easy interpretation of results.					
	6. Must yield CLEAR and DISTINCT results.					
	7. To provide back-up machine using the same brand of the awarded reagents in case the machine needs to be pulled out.					
	8. To provide brochure of the machine for initial assessment of the machine and reagent.					
	9. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts.					
	10. Reagents used during repair and validation/calibration must be replaced by the supplier.					
	11. The supplier will maintain the room temperature requirement of their machine.					
LB0348	NaCl Crossmatching card		17,280	test		
LB0349	Diluent		10,000	test		
LB0350	LISS Coombs Card		8,640	test		
LB0352	ABO-D/Reverse Grouping Card		192	test		
LB0356	Check cells		2	vial		
LB0346	Known A and B Cells		16	set		
LB0353	Antibody Screening Cells		16	kit		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
XVIII.	NVBSP (Main Machine EIA) responsive bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Continuous loading system, user friendly interface. barcodesystem,LISS ready. parameters simultaneuosly tested.		1.The lowest 7. Stat analysis available, 8. Sample capacity: upto 100 samples; ***Other Specs-SAME WITH THE MAIN MACHINE*** ***if THE MACHINE IS NOT YET INCLUDED IN THE LIST (DOH DEPT. CIRCULAR NO.2012-0198) THE WINNING SUPPLIER SHOULD PROVIDE/COVER THE COST OF RE-TESTING OF HIV, HBSAG, HCV, SYPHILIS TO THE MAIN MACHINE SO AS NOT TO SEND THE SAMPLES TO NRL, W/C WILL INCUR ADDITIONAL EXPENSES FOR THE BSF.***			
LB0357	HIV EIA		11,520	test		
LB0358	HBSAg EIA		11,520	test		
LB0359	HCV EIA		11,520	test		
LB0360	Syphilis EIA		11,520	test		
LB0361	Malaria EIA		5,760	test		
XIX.	NVBSP (Back-up Machine), Chemiluminescence Enzyme Immunoassay Architecture (CLEIA/ CLIA) bidder will provide fully automated machine for its reagents use and to include Automotive Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Continuous loading system, user friendly interface. analysis available, barcodesystem,LISS ready. 100 samples; parameters simultaneuosly tested.		1.The lowest responsive 7. Stat 8. Sample capacity: upto ***Other Specs-SAME WITH THE MAIN MACHINE*** ***if THE MACHINE IS NOT YET INCLUDED IN THE LIST (DOH DEPT. CIRCULAR NO.2012-0198) THE WINNING SUPPLIER SHOULD PROVIDE/COVER THE COST OF RE-TESTING OF HIV, HBSAG, HCV, SYPHILIS TO THE MAIN MACHINE SO AS NOT TO SEND THE SAMPLES TO NRL, W/C WILL INCUR ADDITIONAL EXPENSES FOR THE BSF.***			
LB0357	HIV CLEIA/CLIA		4,500	test		
LB0358	HBSAg CLEIA/CLIA		4,500	test		
LB0359	HCV CLEIA/CLIA		4,500	test		
LB0360	Syphilis CLEIA/CLIA		4,500	test		
LB0361	Malaria CLEIA/CLIA		4,500	test		
LB0793	Platelet/Plasma Apheresis set	Must be compatible wth ITRMC-installed machine. Platelet collection closed set, with enhance safety features. One-arm procedure. Set includes bowl (IAtham centrifuge bowl, 225mL; needle 16g with backeye, with needle guard, 1x sample pouch, 50 mL, for whole blood; Bags 1x platelet storage bag for 5 days (CPP), 1000mL, with sample pouch, 50mL, for product; 1x FFP storage bag, 1000mL, 1xair management bag, 600mL; tubing system-AC line with with spike and bacterial filter;sterilization;Anticoagulant solution:	8	pc		
LB0794	ACD-A Anticogulant 500mL spike bag		8	pc		
LB0789	Leukocyte Removal Filter	for red blood cell preparations. Bedside typewith following features: highly biocompatible polyurathane filter material, stable and precise pore size, conveniently air vent facilities, no rinsing required, superior performance independent of storage time of blood, RBC recovery of at least 90%, semi transparent housing to facilitate filtering status check and with average residual leukocyte count below 2x10'	6	pc		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
XX.	Automated Urine Analyzer REAGENTS FOR Urine Analyzer 1.The lowest responsive bidder will provide fully automated machine for its reagents use and to include Automative Voltage regulator with time delay. 2. The machine to be provided must be High end machine, LIS ready, table top/floor type, user friendly, easy to operate.Indicate the Brand and Model of the machine to be installed. 3. The lowest responsive bidder will shoulder the integration of its machine to Hospital LIS. 4. To provide brochure of the machine for initial assessment of the machine and reagent. 5. To conduct product demonstration and assessment of the reagent on the machine to be installed. 6. Controls and calibrators are free for one(1) year or until the duration of the contract expires. Delivery must be on the same time with their respective reagents. 7. Preventive maintenance of the machine will be shouldered by the company including replacement of any defective machine parts. 8. Preventive Maintenance and Quarterly calibration of the machine will be shouldered by the company with service report and certificate of calibration. 9. To provide all other consumable reagents and supplies (sample cups, cuvettes, tips, cleaner etc.) needed in the analysis free of charge. Delivery of these consumables must be on the same time with their respective reagents. 10. Reagents used during repair and validation/calibration must be replaced by the supplier. 11. The supplier will maintain the room temperature requirement of their machine. 12. No reagents preparation required.					
	Reagents for urine analyzer		900	test		
XXI.	Automated HPV DNA REAGENTS FOR HPV DNA					
	Reagents for HPV DNA		150	test		
LABORATORY SUPPLIES						
LBS0039	Acetylene Instrument Grade	content only	2	tank		
LBS00537	Adhesive Bandage	20s/box,water resistant,with absorbent pad, approx. 3 x 3/4 inch	2,800	pcs.		
LBS001	Adhesive Surgical Tape	1/2 inch hypoallergenic, 24s/box	160	box		
1	Aluminum Foil	12"x300m;ultra-thick heavy duty aluminum foil features a higher tensile strength and resilience.Provides better coverage and heat retention.	12	roll		
LBS002	Alcohol, 70% Ethyl Alcohol	500mL/bot	1,800	bot		
LBS0500	Applicator stick	500's/box	80	pack		
LBS040	Argon	content only	1	tank		
LBS047	Beaker, 100 ml	Borosilicate	8	pc		
LBS047	Beaker, 500 ml	Borosilicate	4	pc		
LB0606	Biohazard specimen bag	Imprinted on each 10-gallon bio-waste plastic bag is the universal Biohazard symbol Manufactured with strong and puncture-resistant plastic material	200	pack		
LB0796	Blood Collection Needle/Vacuum Needle	with safety shield, green hub, gauge 21, 50's/box	160	box		
LBS005	Blood Bag, Double, 450cc	450cc, CPDA-1 Ultra sharp needle which minimizes pain. Blister tray with oxygen absorber to prevent contamination, with safety feature	4,000	pc		
LB0445	Blood Bag, Quadruple, 450cc	450cc, CPDA-1 Ultra sharp needle which minimizes pain. Blister tray with oxygen absorber to prevent contamination, with safety feature	600	pc		
LBS004	Blood Bag, Single, 450cc	450cc, CPDA-1 Ultra sharp needle which minimizes pain. Blister tray with oxygen absorber to prevent contamination, with safety feature	4,000	pc		
LBS006	Blood Bag, Triple, 450cc	450cc, CPDA-1 Ultra sharp needle which minimizes pain. Blister tray with oxygen absorber to prevent contamination, with safety feature	4,000	pc		
LBS007	Blood Lancet	Sharp, quality, sterile, 100s/box	150	box		
LB0690	Blood Transportation Bag	Pre-labelled Blood Transport Bag with Polyethylene Insulator	400	pc		
LB0797	Bottle, storage, square, 175mL	HDPE, leak proff, wide mouth	12	pc		
LB0798	Bottle, wash, 250 mL	narrow mouth	12	pc		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
LB5041	Blue tips	100-1000 uL, Autoclavable, 500's/pack	8,800	pc		
LB5041	Clear Base Mold	15 x 15 x 5 mm, plastic	100	pc.		
LB0693	CO2 Tank with content	30 lbs.,Food Grade	4	tank		
LB0692	Cylindrical Culture Tube	12x75mm, 5mL approx	12,000	pc		
LB5008	Cotton 400g	soft/absorbent, 400g/roll	300	roll		
LB0450	Cotton-Tipped Applicator	100/pack	200	pck		
LB5009	Cover Slip 22x22	clear, 100s/box	120	box		
LB5010	Cover Slip 24x55	Clear white, wrapped with foil per 100's, with dessicant, 100s/box	160	box		
LB0799	Dessicator, polycarbonate	ceramic dessicator plate with dessicator grease	1	pv		
LB0800	Dispenser, Digital, adjustable, volume 1-10mL	attached directly to reagent bottle, Inert designed to handle alkaline, acidic and organic solutions. Fits 33mm.	2	pc		
LB5014	Disp. Syringe with needle, 10ml, G23	Ultrasharp needle, 100s/box	10	box		
LB0538	Disp. Syringe with needle, 3ml, G23	Ultrasharp needle, 100s/box	840	box		
LB5012	Disp. Syringe with needle, 5ml, G21	Ultrasharp needle, 100s/box	1,600	box		
LB5044	Disposable Cuvettes, 2.5 ml 12.5x12.5x45 mm	Assorted by one cavity number; ISO 9001-14001	100	pc		
LB50546	Disposable Pasteur pipettes, 3-5mL	Plastic,tapered-tipped,500's/pack	16	bx		
LB5026	Disposable Petri Dish, Big	150x15 mm,polysterene,sterile, 10 pcs/pack	10,000	pc		
LB5027	Disposable Petri Dish Small, fullpate	100x15 mm,full-plate,polysterene,sterile, 10 pcs/pack	10,000	pc		
LB0539	Disposable Petridish,90x15,Bi-Plate	90 x 15 mm,Sterile, polysterene	10,000	pc		
LB0540	Disposable Serological Pipette,10 ml	Sterile, individually packed	800	pc		
LB0801	Disposable Needle Destroyer	plastic round	200	pc		
LB5042	Erlenmeyer flask, 125ml	Borosilicate	20	pc		
LB5042	Erlenmeyer flask, 1000mL	Borosilicate	4	pc		
LB5015	ESR Collecting tubes with Westergren Pipette	250 pairs/pack	2	pack		
LB0453	ESR WINTROBE TUBE	glass, with sedimentation rack, with graduation	4	pc		
LB5017	Face Mask Earloop, Disposable, 2-ply	50's/bx	400	box		
LB0543	Filter paper	60 x 60cm 100's	4	ream		
2	Forcep	KELLY HEMOSTAT FORCEPS 5.5"	12	pc		
LB0545	Glass Microfibre Filter,GF/C,47mm,Circ.	100s/bx	2	bx		
LB5019	Glass Slides, Frosted Edge	72's/box,clear glass with frosted edge	600	box		
LB5020	Glass Slides, Plain	72's/box,clear glass	500	box		
LB5021	Hematocrit Sealer	with flat casing	32	mat		
LB5007	Heparinized Capillary Tubes	100s/vial	32	vial		
3	Icebox/Sytro transport box	minimum 25x17x25cm.w/handle	40	box		
LB0802	Innoculation loop	10uL, sterile, individually pack, 100's/pack	60	pack		
LB0803	Micropipette	ergonomic and lightweight design, high accuracy and precision (should provide certificate of calibration), easy to read volume display, high chemical resistance of piston, and ejector for durability, one handed volume setting for right or left hand users, should fot commercially available yellow tips, volume range: 10uL to 100uL (should be for medical use)	3	pc		
LB5035	Micro blood Collection Tube with built in capillet, EDTA	100's/tray, 0.25- 1ml Expiry Date: Minimum of 1 year upon delivery	2	tray		

PE'S TECHNICAL SPECIFICATIONS						
ITEM NO.	Item Particular	Specifications	Qty	UOM	PLACE OF DELIVERY	DELIVERED, WEEKS/MONTHS
LB5022	Microtome Blade (High profile)	50/box, 80x14 mm	12	box		
LB0804	N2O	content only	1	tank		
LB5023	NS Gloves Disp. Large	Nitrile Powder free, approx. 100pc/box	240	box		
LB025	NS Gloves Disp. Medium	Nitrile Powder free, approx. 100pc/box	340	box		
LB5024	NS Gloves Disp. Small	Nitrile Powder free, approx. 100pc/box	320	box		
LB0805	Nuebauer Counting Chamber		3	pc		
LB0806	Parafilm		8	box		
LB0807	pH electrode; for Eutech, pH 2700	Ag/AgCl for water analysis	1	pc		
LB5043	Pipette Filler, Safety Bulb, Red,		3	pc		
LB50488	Pipette Tips, with filter,0.5-10 uL	1000s/pack	12	pck		
LB50487	Pipette Tips, with filter,10-100 uL	1000s/pack	12	pck		
LB0542	Plastic Container for urine and Stool	sterile,clear,individually packed, 60 ml	28,000	pc		
LB0709	Plastic Test Tube Rack for 3 x 8 test tubes	24-placer,Autoclavable	6	pc		
LB0710	Plastic Test Tube Rack for 6 x 15 test tubes	90 -placer,Autoclavable	10	pc		
LB0808	Sharp Disposal Container	7 liters capacity	80	pc		
LB0809	Straight Surgical Scissor		20	pc		
LB0810	Staining rack	stainless, slide capacity: 30 slides	4	pc		
LB0811	Staining dish	heavy glass dish with cover, slide capacity: 30 slides	4	pc		
4	Stainless Steel Forcep Jar	Quality Stainless Steel (Large)	8	pc		
5	Spirit Ammonia	60mL	2	bot		
LB0696	Sterilization Indicator Tape	3/4 inch x 35 yards (19 mm x 32 m)	12	roll		
6	surgical Container w/Cover	Stainless steel canister w/ lid (10x10cm)	8	pc		
LB0694	Surgical Gauze	24 x 28 x 36 x 100 yards;High Quality,100% Cotton Absorbent Hospital Mesh	5	roll		
LB5045	Syringe Filter, 0.45 um	0.45 um, sterile, individually packed	100	pc		
LB0695	Temperature Monitoring Device for Humidity	digital,for Room Temperature	10	pc		
LB0731	Temperature Monitoring Device for Humidity	digital, for Equipment Temperature	12	pc		
LB5033	TISSUE EMBEDDING CASSETTE	Made with solvent resistant plastic. With space for labeling, 500's per box,colored white	46	pack		
LB0481	Torniquet	flat, blue	64	pc		
HE0470	Transfer pipette	20-200uL (with Certificate of Calibration)	4	pc		
HE0471	Transfer pipette	10-100uL (with certificate of calibration)	4	pc		
HE0472	Transfer pipette	100-1000uL (with certificate of calibration)	4	pc		
LB0541	Urine Container	polyethylene, 60 ml for drug test	4,000	pc		
LB5046	Vacuum Filtering Assemblies/Apparatus	Magnetic Polyphenylsulfone Filter Holder, 47mm. Fits standard manifold systems with 8 rubber stopper connections, Capacity 300ml. Measures 23 x 7 cm. Autoclavable To include rubber tubings to the vacuum machine.	1	set		
LB5034	Vacuum Tube Red Top	glass 5ml, 100's/box	100	tray		
LB5036	Vacuum Tubes, Blue Top	1.8-2 ml, glass, 100's/tray Exp Date: Not earlier than 12-2019	175	tray		
LB5037	Vacuum Tubes, Lavander Top, EDTA	K2 ,2-3 ml, Plastic with screw cap,100's/tray	100	tray		
LB5016	Vacuum Tubes, Red Top, 10ml	100's/box	300	tray		
	WBC pipette	glass	7	pack		
LB038	Yellow Tips	10-100 ul, 1000's/pack,autoclavable	123	pack		

NAME AND SIGNATURE OF AUTHORIZED REPRESENTATIVE

DATE