



MARIANO MARCOS MEMORIAL HOSPITAL AND MEDICAL CENTER  
Department of Pathology and Laboratories  
City of Batang, Ilocos Norte, Philippines  
Direct Line: (077)600 8025; Trunk Line: (077)600 8000 loc 1101; Email:mmmh.lab13@gmail.com

## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020

### BID PROPOSAL: FULLY AUTOMATED QUANTITATIVE P.C.R. FOR HBV DNA

A.B.C. PhP 60,000.00 (REGULAR FUND)

PhP 30,000.00 (INCOME TRUST FUND)

1. Supplier must provide a fully automated QUANTITATIVE ONE-STEP PCR PLATFORM FOR HBV DNA. Supplier must meet end-user's specifications for the machine and reagents and willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
PRINCIPLE	Polymerase Chain Reaction	
METHOD	One step procedure from DNA extraction to amplification	
SAMPLE VOLUME	As low as 20ul	
DETECTION RANGE	analytical sensitivity compliant with WHO standard: Less than or equal to 5.7 IU/mL	
REAGENT SPECIFICITY	100% : Can be able to detect all HBV genotypes (A-H) wild type and pre-mutation type; no cross-contamination	
CONSUMABLES	All consumables equivalent to the number of tests must be provided.	
POWER SOURCE	Electrical, AC 100-240 V; provide UPS (reserved power 30-45 minutes).	

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
MD-1	HBV DNA PCR	60,000.00	24	2,500.00	
	TOTAL ABC for REGULAR FUND	60,000.00			

	REAGENT FOR:	INCOME TRUST FUND	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
MD-1	HBV DNA PCR	30,000.00	12	2,500.00	
	TOTAL ABC for REGULAR FUND	30,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020

### BID PROPOSAL: AUTOMATED G6PD CONFIRMATORY ANALYZER for REAGENT TIE-UP SCHEME

A.B.C.: PhP 300,298.00 (REGULAR)

PhP 132,161.40 (INCOME TRUST FUND)

1. Supplier must provide a Fully automated Analyzer for G6PD CONFIRMATORY TESTING. Supplier must meet end-user's specifications for the machine and reagents; and willing to enter into a reagent tie-up agreement with the hospital.
  - a. Machine should be endorsed by the Newborn Screening Reference Center, PLEASE ATTACH LETTER OF ENDORSEMENT
  - b. Machine should be capable of routine Chemistry Examinations.

	REAGENT FOR:	REGULAR ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
G6-1	G6PD Reagent with Lyse Solution, recommended by NSRC, compatible with machine recommended by NSRC, complete with all consumables	126,798.00	700	181.14	
G6-11	ALT	22,000.00	1000	22.00	
G6-12	AST	22,000.00	1000	22.00	
G6-13	Calcium	17,500.00	500	35.00	
G6-14	Creatinine	13,000.00	1000	13.00	
G6-15	Glucose	15,000.00	1000	15.00	
G6-16	Magnesium	29,000.00	500	58.00	
G6-17	Urea Nitrogen	20,000.00	1000	20.00	
G6-18	Uric Acid	35,000.00	1000	35.00	
	<b>TOTAL ABC for REGULAR FUND</b>	<b>300,298.00</b>			

	REAGENT FOR:	INCOME TRUST FUND A.B.C.	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
G6-1	G6PD Reagent with Lyse Solution, recommended by NSRC, compatible with machine recommended by NSRC, WITH Hemoglobin reagent	32,411.40	420	77.17	
G6-4	Hemoglobin reagent, 250 mL, as recommended by NSRC, compatible with machine recommended by NSRC	13,000.00	1	13,000.00	
G6-11	ALT	11,000.00	500	22.00	
G6-12	AST	11,000.00	500	22.00	
G6-13	Calcium	8,750.00	250	35.00	
G6-14	Creatinine	6,500.00	500	13.00	
G6-15	Glucose	7,500.00	500	15.00	
G6-16	Magnesium	14,500.00	250	58.00	
G6-17	Urea Nitrogen	10,000.00	500	20.00	
G6-18	Uric Acid	17,500.00	500	35.00	
	<b>TOTAL ABC for INCOME TRUST FUND</b>	<b>132,161.40</b>			

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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020

### BID PROPOSAL: AUTOMATED IMMUNOHISTOCHEMISTRY (IHC) & IN SITU HYBRIDIZATION (ISH) ANALYZER FOR REAGENT TIE-UP SCHEME

A.B.C.:      **PhP 417,600.00 (REGULAR)**  
              **PhP 183,000.00 (INCOME TRUST FUND)**

1. Supplier must provide an automated IMMUNOHISTOCHEMISTRY (IHC) & IN SITU HYBRIDIZATION (ISH) ANALYZER. Supplier must meet end-user's specifications for the machine and reagents; and willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
PRINCIPLE	Immunohistochemistry (IHC) and In-situ Hybridization (ISH)	
CLARITY / INTENSITY OF STAINING	High quality staining, positive grading must be easily differentiated from each other; the more intense the staining, the better.	
PROCESSING OF TISSUES	Continuous processing, allows loading of new samples even if equipment is processing	
SLIDE CAPACITY	Can accommodate 15-30 slides at a time, but is capable of individual running; no batch running module	
REAGENT CAPACITY	Can accommodate at least 15 reagents at a time, the more, the better	
SLIDES AND LABELS	Good labeling property of ribbon, preferably of the same brand as the machine for compatibility	
MINIMUM REAGENTS REQUIRED, with shelf life and on-board stability of 12 months or longer	<ul style="list-style-type: none"><li>• Reagent for Estrogen Receptor</li><li>• Reagent for Progesterone Receptor</li><li>• Reagent for Her 2-neu with accessories</li><li>• Reagent for Cytokeratin</li><li>• Reagent for CK 20</li><li>• Reagent for P 63</li><li>• Reagent for CD 30</li></ul>	

	REAGENT FOR:	REGULAR ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE CONSUMABLES)	BID PRICE
IHC-1	Immunohistochem Consumable Universal Reagents*	100,000.00			
IHC-2	Immunohistochem Consumable Universal Supplies*	107,600.00			
IHC-12	Reagent for Estrogen receptor	35,000.00	50	700.00	
IHC-13	Reagent for Progesterone receptor	35,000.00	50	700.00	
IHC-18	Reagent for CK 20	35,000.00	50	700.00	
IHC-21	Reagent for CD 30	35,000.00	50	700.00	
IHC-22	Reagent for P 63	35,000.00	50	700.00	
IHC-24	Reagent for Cytokeratin	35,000.00	50	700.00	
	<b>TOTAL ABC for REGULAR FUND</b>	<b>417,600.00</b>			

\*Supplier shall provide enough necessary universal reagents and consumables for the total number of tests.



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	REAGENT FOR:	INCOME TRUST FUND A.B.C.	QUANTITY FOR ABC	ABC PER TEST (INCLUDE CONSUMABLES)	BID PRICE
IHC-1	Immunohistochem Consumable Universal Reagents*	57,000.00			
IHC-2	Immunohistochem Consumable Universal Supplies*	50,000.00			
IHC-14	Reagent for Her 2-neu with accessories	76,000.00	400	190.00	
	<b>TOTAL ABC for INCOME TRUST FUND</b>	<b>183,000.00</b>			

\*Supplier shall provide enough necessary universal reagents and consumables for the total number of tests.

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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020

### BID PROPOSAL: AUTOMATED QUANTITATIVE FECAL IMMUNOCHEMISTRY (FIT) ANALYZER FOR REAGENT TIE-UP SCHEME

A.B.C. PhP 118,000.00 (REGULAR FUND)

PhP 118,000.00 (INCOME TRUST FUND)

1. Supplier must provide a fully automated QUANTITATIVE FECAL IMMUNOCHEMISTRY (FIT) ANALYZER. Supplier must meet end-user's specifications for the machine and reagents and willing to enter into a reagent tie-up agreement with the hospital. Must be connected with LIS.

		STATEMENT OF COMPLIANCE
PRINCIPLE	Latex Agglutination Immunoturbidimetry	
METHOD	One step rate assay	
THROUGHPUT	Minimum of 50 tests / hour	
DETECTION LIMIT	Can detect low result and high results without dilution (exact results are given, no approximations)	
MEMORY CAPACITY	Minimum of 5,000 tests, the more storage, the better.	
LIS REQUIREMENT	Must be interfaced with existing LIS; with sample barcode reader, supplier in charge of maintenance fee to LIS provider.	
POWER SOURCE	Preferably electrical, AC 100-240 V; if battery-operated, <u>supplier must provide batteries free of charge.</u>	

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
F-1	Quantitative Fecal Immunochemistry (FIT)	118,000.00	800	147.50	
	TOTAL ABC for REGULAR FUND	118,000.00			

	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
F-1	Quantitative Fecal Immunochemistry (FIT)	118,000.00	800	147.50	
	TOTAL ABC for INCOME TRUST FUND	118,000.00			

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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020

### BID PROPOSAL: AUTOMATED URINE CHEMICAL AND MICROSCOPY ANALYZER with IMAGING

A.B.C.: PhP 1,580,000.00 (REGULAR FUND)

PhP 584,000.00 (INCOME TRUST FUND)

1. Supplier must provide an automated URINE CHEMICAL AND MICROSCOPY ANALYZER. Supplier must meet end-user's specifications for the machine and reagents; and willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
MEASUREMENT PARAMETERS	<ul style="list-style-type: none"><li>• Minimum 10 parameters for chemical examination: Hemoglobin / Blood, Glucose, Protein, Ketone, Bilirubin, Urobilinogen, nitrite, leukocyte esterase, pH, Specific gravity</li><li>• Microscopic parameters: include but not limited to: red blood cells, white blood cells, epithelial cells, casts, crystals, bacteria.</li></ul>	
PRINCIPLE	<ul style="list-style-type: none"><li>• Chemical examination: Reflectance photometer (strip reader); Semi-automated</li><li>• Microscopic: Fluorescence Flow Cytometry (optional: with Blue Semiconductor Laser)</li><li>• Imaging: Dual Flowcell Imaging</li></ul>	
SAMPLE THROUGHPUT	Minimum of 50 samples / hour	
SAMPLE VOLUME REQUIREMENT	Maximum of 5 ml, but may analyze samples less than 1 ml to accommodate neonatal urine samples.	
SAMPLE TYPES	Measurement will not be affected by the color and consistency / clarity of the urine sample.	
CALIBRATIONS	User friendly calibration procedure	
REAGENTS	<ul style="list-style-type: none"><li>• Chemical examination: strips</li><li>• Microscopic: flow cytometry reagents</li><li>• Imaging: Dual Flowcell Digital Imaging reagents<ul style="list-style-type: none"><li>❖ Provide all consumables sufficient to process specified number of tests</li><li>❖ Supplier must provide continuous water supply required by the analyzer whenever applicable</li></ul></li></ul>	
QUALITY CONTROL	2 levels	
POWER REQUIREMENTS	AC 100-240 V, must provide UPS with at least 45 minutes power reserve.	
LIS REQUIREMENT	LIS-ready, must be interfaced with existing LIS; with sample barcode reader. Supplier in charge of maintenance fee to LIS provider.	
OTHER FUNCTIONS	<ul style="list-style-type: none"><li>• Can analyze Body Fluids and RBC Morphology.</li><li>• Preferably with Gram Stain Classification (this feature is an advantage)</li><li>• With Auto Validation</li><li>• User definable rule engine</li><li>• Imaging uses CCD camera with up to 2 million pixels</li></ul>	

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
AU-1	Automated Urinalysis: Chemical analysis (strip) reader, preferably modular with the Microscopic analyzer.	110,000.00	5,500	20.00	
AU-2	Automated Urinalysis: Microscopic analysis with imaging	1,470,000.00	21000	70.00	
	<b>TOTAL A.B.C. for REGULAR FUND</b>	<b>1,580,000.00</b>			





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	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
AU-1	Automated Urinalysis: Chemical analysis (strip) reader, preferably modular with the Microscopic analyzer.	24,000.00	1,200	20.00	
AU-2	Automated Urinalysis: Microscopic analysis with imaging	560,000.00	8,000	70.00	
	<b>TOTAL A.B.C. for INCOME TRUST FUND</b>	<b>584,000.00</b>			

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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020

### BID PROPOSAL: AUTOMATED BACTERIAL AND FUNGAL IDENTIFICATION AND SUSCEPTIBILITY TESTING

A.B.C.: PhP 2,632,700.00 (REGULAR)

PhP 529,450.00 (INCOME TRUST FUND)

Supplier must provide an automated IDENTIFICATION AND SUSCEPTIBILITY TEST MODULE for BACTERIA AND FUNGI. Supplier must meet end-user's specifications for the machine and reagents; and willing to enter into a reagent tie-up agreement with the hospital.

MACHINES SPECIFICATION AND/OR KEY FEATURES FOR AUTOMATED BACTERIAL IDENTIFICATION AND SUSCEPTIBILITY TESTING		STATEMENT OF COMPLIANCE
AUTOMATED BACTERIAL AND FUNGAL IDENTIFICATION AND SUSCEPTIBILITY SYSTEM	<ul style="list-style-type: none"> <li>Fully automated machine capable of performing gram negative, gram positive, Neisseria, Haemophilus and yeast Identification and Susceptibility testing.</li> <li>With dedicated identification and susceptibility cards for each parameter to be tested.</li> </ul>	
FEATURES AND / OR SPECIFICATIONS OF IDENTIFICATION PLATFORM	<ul style="list-style-type: none"> <li>Gram negative identification card: 42 or more parameters</li> <li>Gram positive identification card: 42 or more parameters</li> <li>Yeast identification card: 42 or more parameters</li> <li>Neisseria, Haemophilus and other fastidious Gram negative bacteria identification: 42 or more parameters</li> </ul>	
FEATURES AND / OR SPECIFICATIONS OF ANTIMICROBIAL SUSCEPTIBILITY TESTING (AST) PLATFORM	<ul style="list-style-type: none"> <li>Gram positive AST: 21 or more antibiotics present <ul style="list-style-type: none"> <li>Capable to detect Methicillin resistant, mecA gene, and inducible clindamycin resistance</li> <li>Offer most of antibiotics listed in the minimum recommended list of antibiotic panel for gram positive by ARSP based on CLSI guidelines: Cefoxitin, ciprofloxacin, clindamycin, daptomycin, erythromycin, penicillin, gentamycin, gentamycin high level, linezolid, oxacillin, rifampin, streptomycin high level, tetracycline, trimethoprim sulfamethoxazole, vancomycin, Ceftriaxone, meropenem, levofloxacin, ampicillin</li> </ul> </li> <li>For gram negative AST: 17 or more antibiotics present <ul style="list-style-type: none"> <li>Capable to detect gram negative resistance patterns (ESBL, AMPC, MDR, MBL)</li> <li>Offer most of antibiotics listed on the minimum recommended list of antibiotic panel for gram negative by ARSP based on CLSI guidelines: Amikacin, amoxicillin clavulanic acid, ampicillin, aztreonam, cefazolin, cefepime, cefotaxime, cefoxitin, ceftazidime, ceftriaxone, cefuroxime (oral), ciprofloxacin, ertapenem, gentamicin, imipenem, meropenem, tazobactampiperacillin, trimethoprim sulfamethoxazole, nitrofurantoin, colistin, Chloramphenicol, levofloxacin, sulbactam/ampicillin, minocycline, tetracycline</li> </ul> </li> <li>Yeast AST <ul style="list-style-type: none"> <li>Offer the following antifungals: fluconazole, voriconazole, caspofungin, micafungin, amphotericin B, flucytosine</li> </ul> </li> </ul>	
EQUIPMENT AND ACCESSORIES	<ul style="list-style-type: none"> <li>Module designed for 60 or more platforms with PC, reader, incubator and LIS connectivity</li> <li>With McFarland standards (0, 0.5, 2, and 3) free of charge (shelf life: 12 months); to replace standards before expiry date.</li> <li>Provision of McFarland turbidity instrument reader with additional back up instrument reader. If reader is battery operated, the supplier must provide back-up batteries; rechargeable batteries with charger is desired.</li> <li>If needed, platform holders, autoclavable calibrated liquid dispenser, designated pipettes and tips holder must be provided.</li> </ul>	
TURN AROUND TIME	<ul style="list-style-type: none"> <li>Maximum of 8 hours for Identification</li> <li>Maximum of 24 hours for susceptibility testing</li> </ul>	

- Supplier must provide free controls (ATCC Strains – Pae 27853, Sau 29213, Eco 25922, Candida albicans, and any species of Haemophilus and Neisseria sp) and calibrators for all reagents and other necessary supplies needed for calibration and controls.
- Supplier must deliver equivalent number of suspension tubes as to the number of test platforms ordered.
- Supplier to provide free support in sending referrals to reference Laboratory.





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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020**

	REAGENT FOR:	REGULAR ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLE S)	BID PRICE
B-127	Automated system in Clinical Laboratories as an in vitro test for the identification of Enterobacteriaceae and a select group of glucose fermenting gram negative organisms (Gram negative Identification platform)	558,000.00	1240	450.00	
B-128	Automated system in Clinical Laboratories as an in vitro test for the identification of Neisseria & Haemophilus (Neisseria & Haemophilus Identification Platform)	9,000.00	20	450.00	
B-129	Automated system in Clinical Laboratories as an in vitro test for the identification of Yeast Organisms (Yeast Identification Platform)	162,000.00	360	450.00	
B-130	Automated system in Clinical Laboratories as an in vitro test for the identification of Enterococci, Staphylococcus & Streptococcus species (Gram Positive Identification Platform)	360,000.00	800	450.00	
B-131	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of Staphylococcus, Enterococcus, & S. agalactiae against the equivalent by efficacy concentrations of antimicrobial in ug/ml (Gram positive AST platform)	378,000.00	840	450.00	
B-132	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of Streptococcus pneumoniae against the equivalent by efficacy concentrations of antimicrobial in ug/ml (S pneumoniae AST Platform)	11,000.00	20	550.00	
B-133	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of clinically significant aerobic gram-negative bacilli against the equivalent by efficacy concentrations of antimicrobial in ug/ml (Gram Negative AST Platform)	990,000.00	1800	550.00	
B-135	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of clinically significant Yeast against antifungal equivalent by efficacy concentrations of antimicrobial in ug/ml (Yeast AST Platform)	164,700.00	360	457.50	
	<b>TOTAL ABC for REGULAR FUND</b>	<b>2,632,700.00</b>			




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	REAGENT FOR:	INCOME TRUST FUND A.B.C.	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
B-127	Automated system in Clinical Laboratories as an in vitro test for the identification of Enterobacteriaceae and a select group of glucose fermenting gram negative organisms (Gram negative Identification platform)	108,000.00	240	450.00	
B-129	Automated system in Clinical Laboratories as an in vitro test for the identification of Yeast Organisms (Yeast Identification Platform)	27,000.00	60	450.00	
B-130	Automated system in Clinical Laboratories as an in vitro test for the identification of Enterococci, Staphylococcus & Streptococcus species (Gram Positive Identification Platform)	90,000.00	200	450.00	
B-131	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of Staphylococcus, Enterococcus, & S. agalactiae against the equivalent by efficacy concentrations of antimicrobial in ug/ml (Gram positive AST platform)	90,000.00	200	450.00	
B-132	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of Streptococcus pneumoniae against the equivalent by efficacy concentrations of antimicrobial in ug/ml (S pneumoniae AST Platform)	11,000.00	20	550.00	
B-133	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of clinically significant aerobic gram-negative bacilli against the equivalent by efficacy concentrations of antimicrobial in ug/ml (Gram Negative AST Platform)	176,000.00	320	550.00	
B-135	Automated system in Clinical Laboratories as an in vitro test to determine the susceptibility of clinically significant Yeast against antifungal equivalent by efficacy concentrations of antimicrobial in ug/ml (Yeast AST Platform)	27,450.00	60	457.50	
	<b>TOTAL ABC for INCOME TRUST FUND</b>	<b>529,450.00</b>			

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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS 2020</b>

**BID PROPOSAL: AUTOMATED BLOOD AND STERILE BODY FLUID CULTURE**

**A.B.C.:            PhP 1,030,000.00 (REGULAR)**  
**PhP 300,000.00 (INCOME TRUST FUND)**

Supplier must provide an automated MODULAR ANALYZER FOR AUTOMATED BLOOD CULTURE. Supplier must meet end-user's specifications for the machine and reagents; and willing to enter into a reagent tie-up agreement with the hospital.

MACHINES SPECIFICATION AND/OR KEY FEATURES FOR AUTOMATED PROCESSING OF BLOOD CULTURE AND OTHER STERILE BODY FLUIDS		STATEMENT OF COMPLIANCE
BLOOD AND BODY FLUIDS CULTURE BOTTLE FEATURES / SPECIFICATIONS	<ul style="list-style-type: none"> <li>Plastic blood culture bottles for pediatric and adult use</li> <li>Resin-based medium with antimicrobial removing device</li> <li>For aerobic, anaerobic , and fungal isolation</li> </ul>	
MACHINE FEATURES / SPECIFICATIONS	<ul style="list-style-type: none"> <li>Exceptional performance, improving workflow efficiencies from specimen collection to actionable results</li> <li>200 or more vial capacity</li> <li>With built-in monitor, centralized computer touch screen, vial activation, enhanced visual indicator</li> <li>Instant bottle and instrument status recognition</li> <li>With bottle barcode reader for automated bottle entry AND keyboard for manual entry.</li> </ul>	
SAMPLE	<ul style="list-style-type: none"> <li>Standard volume for blood culture</li> <li>For other body fluids: can accommodate even samples less than 1 ml.</li> </ul>	

	REAGENT FOR:	REGULAR A.B.C.	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
B-136	Blood Culture bottles for pediatric aerobic culture with color indicator to positive growth, with antibiotic removing device, supplier to provide machine for processing, for pediatric use	560,000.00	2240	250.00	
B-137	Blood Culture bottles for Adult aerobic culture with color indicator to positive growth, with antibiotic removing device, supplier to provide machine for processing, for Adult use	470,000.00	1880	250.00	
	<b>Total ABC for REGULAR FUND:</b>	<b>1,030,000.00</b>			

	REAGENT FOR:	INCOME TRUST FUND A.B.C.	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
B-136	Blood Culture bottles for pediatric aerobic culture with color indicator to positive growth, with antibiotic removing device, supplier to provide machine for processing, for pediatric use	150,000.00	600	250.00	
B-137	Blood Culture bottles for Adult aerobic culture with color indicator to positive growth, with antibiotic removing device, supplier to provide machine for processing, for Adult use	150,000.00	600	250.00	
	<b>Total ABC for Income Trust Fund:</b>	<b>300,000.00</b>			

NAME OF COMPANY:	
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NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



MARIANO MARCOS MEMORIAL HOSPITAL AND MEDICAL CENTER

Department of Pathology and Laboratories

City of Batac, Ilocos Norte, Philippines

Direct Line: (077)6008025; Trunk Line: (077)6008000 loc 1101,4113; Email:mmmh.lab13@gmail.com

## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

### BID PROPOSAL: CHEMISTRY ANALYZER (WET CHEM)

**A.B.C.**

**REGULAR**

**1,450,040.00**

**INCOME TRUST FUND**

**469,300.00**

#### The winning bidder:

1. Shall provide a fully automated and user-friendly chemistry analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
<b>Measurement principle</b>	✓ Absorbance photometry, turbidimetry, fluorescence polarimetry, with immunoassay principle	
<b>Processing Capacity</b>	✓ Can integrate with Immuno analyzer ✓ Fully automated; Walk-away ✓ 50 or more test parameters could be processed simultaneously; ✓ Random access sampling possible; with port for STAT analysis; ✓ Must have test counters, reagent inventory, quality control chart	
<b>Throughput / processing time</b>	✓ Must have throughput of 300-600 (and above)/hour. ✓ Can give results within 10 minutes per test, the lower the better	
<b>Sample Type</b>	✓ Serum, Plasma, Body Fluids, Urine	
<b>Sample Volume</b>	✓ Not more than 50 ul / test, can use as low as 10ul for neonatal samples (micro sample) ✓ With automatic sample pre-dilution	
<b>Calibration</b>	✓ Calibrators must be free of charge ✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months ✓ 3-month supply of calibrators must be delivered one time ✓ Calibration procedure must be simple and user- friendly	
<b>Quality Control</b>	✓ QC materials must be free of charge ✓ Two-level internal controls (If the winning bidder does not have two-level internal controls, the winning bidder must provide two-level third party controls free of charge) ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
<b>Reagents</b>	✓ Shelf life must not be less than 6 months on the date of delivery. ✓ On-board stability preferably at least one month ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.



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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)**

4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide quarterly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall provide continuous water supply required by the machine free of charge.
8. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
9. Other requirements:
  - a. Shall provide a two-door commercial refrigerator (at least 8 cu. ft.) for storage of reagents and other consumables.
  - b. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - c. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - d. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - e. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.
  - f. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
  - g. Must have Material Recovery Program for Laboratory Waste Minimization.
10. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-28	TIBC	15,300.00	150	102.00	
CC-29	SERUM IRON	9,000.00	150	60.00	
CC-30	ALP	16,500.00	750	22.00	
CC-31	ALT	55,000.00	2500	22.00	
CC-32	AST	55,000.00	2500	22.00	
CC-33	LDH	28,800.00	900	32.00	
CC-34	Total Protein	18,600.00	600	31.00	
CC-35	Albumin	37,800.00	1800	21.00	
CC-36	Total Bilirubin	80,000.00	2500	32.00	
CC-37	Direct Bilirubin	70,000.00	2500	28.00	
CC-38	Glucose	45,000.00	3000	15.00	
CC-39	Urea Nitrogen	120,000.00	6000	20.00	
CC-40	Creatinine	101,400.00	7800	13.00	
CC-41	Uric Acid	52,500.00	1500	35.00	
CC-42	Total Cholesterol	150,000.00	3000	50.00	
CC-43	Triglycerides	120,000.00	3000	40.00	
CC-44	HDL-Cholesterol	162,000.00	3000	54.00	
CC-46	Calcium	21,000.00	600	35.00	
CC-47	Phosphorus	21,000.00	600	35.00	
CC-48	Magnesium	69,600.00	1200	58.00	
CC-49	Amylase	23,040.00	360	64.00	
CC-50	Lipase	15,000.00	500	30.00	
CC-53	CKMB	37,500.00	300	125.00	
CC-54	Microalbumin/Tinaquant	90,000.00	500	180.00	
AU-3	Urine/CSF Protein	36,000.00	720	50.00	
	<b>TOTAL</b>	<b>1,450,040.00</b>			

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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)**

	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-28	TIBC	6,120.00	60	102.00	
CC-29	SERUM IRON	3,600.00	60	60.00	
CC-30	ALP	6,600.00	300	22.00	
CC-31	ALT	17,600.00	800	22.00	
CC-32	AST	17,600.00	800	22.00	
CC-33	LDH	9,600.00	300	32.00	
CC-34	Total Protein	6,200.00	200	31.00	
CC-35	Albumin	11,550.00	550	21.00	
CC-36	Total Bilirubin	25,600.00	800	32.00	
CC-37	Direct Bilirubin	22,400.00	800	28.00	
CC-38	Glucose	15,000.00	1000	15.00	
CC-39	Urea Nitrogen	40,000.00	2000	20.00	
CC-40	Creatinine	33,800.00	2600	13.00	
CC-41	Uric Acid	19,250.00	550	35.00	
CC-42	Total Cholesterol	50,000.00	1000	50.00	
CC-43	Triglycerides	40,000.00	1000	40.00	
CC-44	HDL-Cholesterol	54,000.00	1000	54.00	
CC-46	Calcium	7,000.00	200	35.00	
CC-47	Phosphorus	7,000.00	200	35.00	
CC-48	Magnesium	23,200.00	400	58.00	
CC-49	Amylase	7,680.00	120	64.00	
CC-50	Lipase	3,000.00	100	30.00	
CC-53	CKMB	12,500.00	100	125.00	
CC-54	Microalbumin / Tinaquant	18,000.00	100	180.00	
AU-3	Urine/CSF Protein	12,000.00	240	50.00	
	<b>TOTAL</b>	<b>469,300.00</b>			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	





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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

### BID PROPOSAL: CHEMISTRY ANALYZER (DRY CHEM)

#### A.B.C

REGULAR

2,858,963.50

INCOME TRUST FUND

1,441,241.00

#### The winning bidder:

1. Shall provide a fully automated and user-friendly chemistry analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital.

Measurement principle	✓ Absorbance photometry, turbidimetry, fluorescence polarimetry, with immunoassay principle
Processing Capacity	✓ Can integrate with Immuno analyzer ✓ Fully automated; Walk-away ✓ 50 or more test parameters could be processed simultaneously; ✓ Random access sampling possible; with port for STAT analysis; ✓ Must have test counters, reagent inventory, quality control chart
Throughput / processing time	✓ Must have throughput of 300-600 (and above)/hour. ✓ Can give results within 10 minutes per test, the lower the better
Sample Type	✓ Serum, Plasma, Body Fluids, Urine
Sample Volume	✓ Not more than 50 ul / test, can use as low as 10ul for neonatal samples (micro sample) ✓ With automatic sample pre-dilution
Calibration	✓ Calibrators must be free of charge ✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months ✓ 3-month supply of calibrators must be delivered one time ✓ Calibration procedure must be simple and user- friendly
Quality Control	✓ QC materials must be free of charge ✓ Two-level internal controls (If the winning bidder does not have two-level internal controls, the winning bidder must provide two-level third party controls free of charge) ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time
Reagents	✓ Shelf life must not be less than 6 months on the date of delivery. ✓ On-board stability preferably at least one month ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide quarterly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
8. Other requirements:
  - a. Shall provide a reagent refrigerator (at least 8 cu. ft.) for storage of reagents and other consumables.
  - b. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - c. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - d. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - e. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.





### REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

- f. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
- g. Must have Material Recovery Program for Laboratory Waste Minimization.
9. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-55	TIBC	34,050.00	150	227.00	
CC-56	SERUM IRON	9,150.00	150	61.00	
CC-57	ALP	38,200.00	800	47.75	
CC-58	ALT	199,575.00	4500	44.35	
CC-59	AST	226,035.00	4500	50.23	
CC-60	LDH	64,881.00	900	72.09	
CC-61	Amylase	18,057.60	360	50.16	
CC-62	Urea Nitrogen	423,975.00	7500	56.53	
CC-63	Uric Acid	127,925.00	2500	51.17	
CC-64	Total Protein	47,907.00	900	53.23	
CC-65	Albumin	83,085.00	1740	47.75	
CC-66	Total Bilirubin	36,936.00	720	51.30	
CC-67	Direct Bilirubin	30,780.00	600	51.30	
CC-68	Calcium	51,730.00	1000	51.73	
CC-69	Phosphorus	28,746.00	600	47.91	
CC-70	Magnesium	69,510.00	1500	46.34	
CC-71	HDL-Cholesterol	250,650.00	3000	83.55	
CC-72	Total Cholesterol	179,520.00	3000	59.84	
CC-73	Lipase	36,184.50	550	65.79	
CC-74	Triglyceride	179,520.00	3000	59.84	
CC-75	Creatinine	461,700.00	9000	51.30	
CC-76	Glucose	238,896.00	4800	49.77	
CC-77	Urine Protein	10,975.20	240	45.73	
CC-78	CSF Protein	10,975.20	240	45.73	
	TOTAL	2,858,963.50			
	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-55	TIBC	13,620.00	60	227.00	
CC-56	SERUM IRON	3,660.00	60	61.00	
CC-57	ALP	14,325.00	300	47.75	
CC-58	ALT	62,090.00	1400	44.35	
CC-59	AST	70,322.00	1400	50.23	
CC-60	LDH	21,627.00	300	72.09	
CC-61	Amylase	6,019.20	120	50.16	
CC-62	Urea Nitrogen	254,385.00	4500	56.53	
CC-63	Uric Acid	76,755.00	1500	51.17	
CC-64	Total Protein	10,646.00	200	53.23	
CC-65	Albumin	27,217.50	570	47.75	
CC-66	Total Bilirubin	12,312.00	240	51.30	
CC-67	Direct Bilirubin	10,260.00	200	51.30	
CC-68	Calcium	23,278.50	450	51.73	
CC-69	Phosphorus	9,582.00	200	47.91	
CC-70	Magnesium	41,706.00	900	46.34	
CC-71	HDL-Cholesterol	146,212.50	1750	83.55	
CC-72	Total Cholesterol	104,720.00	1750	59.84	
CC-73	Lipase	6,579.00	100	65.79	





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### REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

CC-74	Triglyceride	104,720.00	1750	59.84	
CC-75	Creatinine	277,020.00	5400	51.30	
CC-76	Glucose	136,867.50	2750	49.77	
CC-77	Urine Protein	3,658.40	80	45.73	
CC-78	CSF Protein	3,658.40	80	45.73	
	TOTAL	1,441,241.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

### BID PROPOSAL: ELECTROLYTE ANALYZER

#### A.B.C.

REGULAR

675,000.00

INCOME TRUST FUND

345,000.00

#### The Winning Bidder:

1. Shall provide a fully automated and user-friendly electrolyte analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital. The supplier must provide a back-up machine.

		STATEMENT OF COMPLIANCE
Measurement Principle	Direct Ion Selective Electrode (ISE)	
Parameters	Sodium, Potassium, Chloride, Ionized Calcium	
Sample throughput	45-60 samples/hour	
Sample volume	10-100 uL	
Sample types	whole blood, serum, plasma, urine, dialysate	
Calibration	<ul style="list-style-type: none"><li>✓ Calibrators must be free of charge</li><li>✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months</li><li>✓ 3-month supply of calibrators must be delivered one time</li><li>✓ Calibration procedure must be simple and user- friendly</li></ul>	
Quality Control	<ul style="list-style-type: none"><li>✓ QC materials must be free of charge</li><li>✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls.</li><li>✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months</li><li>✓ 3-month supply of controls must be delivered one time</li></ul>	
Reagents	<ul style="list-style-type: none"><li>✓ Pack type (for easy installation)</li><li>✓ Shelf life must not be less than 6 months on the date of delivery.</li><li>✓ Preferably of the same lot number for at least 3 months</li><li>✓ Provide all consumables sufficient to process specified number of tests.</li></ul>	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide monthly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
8. Other requirements:





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### REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

- Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - Shall provide thermal paper for printing results.
  - Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.
  - Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
  - Must have Material Recovery Program for Laboratory Waste Minimization.
9. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-23	Na/K/Cl combo Ionized Calcium	675,000.00	22500	30.00	
	TOTAL	675,000.00			
	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-23	Na/K/Cl combo Ionized Calcium	345,000.00	11500	30.00	
	TOTAL	345,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)**

**BID PROPOSAL: HbA1c ANALYZER**

**A.B.C.**

<b>REGULAR</b>	<b>372,000.00</b>
<b>INCOME TRUST FUND</b>	<b>124,000.00</b>

**The winning bidder:**

1. Shall provide a fully automated and user-friendly HbA1c analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
<b>Measurement Principle</b>	✓ High Performance Liquid Chromatography	
<b>Parameters</b>	✓ Measures HbA1c. Separates common hemoglobin variants (Hb Fetal , Hb C, Hb S), and other hemoglobin fractions ✓ Fully Automated	
<b>Throughput/Processing Time</b>	✓ Maximum of 5 minutes per sample	
<b>Sampling</b>	✓ Sample volume is 2 mL for primary tube samples, dilution possible for less than 2 ml samples. ✓ Barcode Reader for sample reading	
<b>Certification</b>	✓ Certified by the National Glycohemoglobin Standardization Program (NGSP) and traceable to Diabetes Control and Complications Trial (DCCT) – supplier to provide copy of certificates	
<b>Calibration</b>	✓ Calibrators must be free of charge ✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months ✓ 3-month supply of calibrators must be delivered one time ✓ Calibration procedure must be simple and user- friendly	
<b>Quality Control</b>	✓ QC materials must be free of charge ✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls. ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
<b>Reagents</b>	✓ 400 tests or more per kit inclusive of: Elution buffers Wash/Diluent Solution, Calibrator/ Diluent Set, QC material Sample vials for dilution of controls and low volume blood samples Thermal printer paper ✓ Shelf life must not be less than 6 months on the date of delivery. ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved,





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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

- winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
- Must be willing to pay the maintenance fee for the equipment to the LIS provider.
  - Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
  - Must provide monthly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
  - All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
  - Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
  - Other requirements:
    - Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
    - Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
    - Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
    - All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.
    - Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
    - Must have Material Recovery Program for Laboratory Waste Minimization.
  - Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-24	Glycosylated Hemoglobin (HbA1c)	372,000.00	1200	310.00	
	TOTAL	372,000.00			
	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-24	Glycosylated Hemoglobin (HbA1c)	124,000.00	400	310.00	
	TOTAL	124,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	





REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

BID PROPOSAL: ARTERIAL BLOOD GAS ANALYZER (main analyzer)

A.B.C.

REGULAR

900,000.00

INCOME TRUST FUND


420,000.00

1. Shall provide a fully automated and user-friendly ABG analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital. Supplier must provide a back-up machine.

		STATEMENT OF COMPLIANCE
Measured parameters	✓ pO2, pCO2, pH, Hct, tHb, sO2, BE	
Calculated parameters	✓ H+, cHCO3-, ctCO2(P), BE, BEact, BEecf, BB, pHst, cHCO3-st, PAO2, Qs/Qt, P50, sO2, AaDO2, a/AO2, avDO2, AG, OER, Hct, PAo2, RI, pH, pCO2, pO2	
Sample throughput	✓ 20-30 samples/hour	
Sample volume	✓ 20-100 uL	
Sample types	✓ Heparinized blood sample	
Calibrations	✓ Auto-calibration system	
Quality control	✓ QC materials must be free of charge ✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls. ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
Reagents	✓ Liquid type, ready to use, no oxygen tank needed ✓ Shelf life must not be less than 6 months on the date of delivery. ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	
Electrodes	✓ Cartridge type	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide monthly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
8. Other requirements:
  - a. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - b. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - c. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - d. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.



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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)</b>

- e. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
  - f. Must have Material Recovery Program for Laboratory Waste Minimization
9. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

ITEM CODE	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-21	Arterial Blood Gas	900,000.00	7500	120.00	
	TOTAL	900,000.00			
	REAGENT FOR:	INCOME TRUST FUND	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-21	Arterial Blood Gas	420,000.00	3500	120.00	
	TOTAL	420,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)**

**BID PROPOSAL: ARTERIAL BLOOD GAS ANALYZER REAGENTS FOR REAGENT TIE-UP SCHEME (BACK UP MACHINE-CARTRIDGE TYPE / P.O.C.T.)**

**A.B.C.**

<b>REGULAR</b>	<b>440,000.00</b>
<b>INCOME TRUST FUND</b>	<b>120,000.00</b>

**The winning bidder:**

1. Shall provide a fully automated and user-friendly POCT ABG analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital. Supplier must provide a back-up machine.

	✓	STATEMENT OF COMPLIANCE
<b>Measurement parameters</b>	✓ pH, PCO <sub>2</sub> , PO <sub>2</sub> , TCO <sub>2</sub> , HCO <sub>3</sub> , BE <sub>ecf</sub> , SO <sub>2</sub>	
<b>Sample throughput</b>	✓ Maximum of 10 minutes testing time only; the shorter the better for STAT requests	
<b>Sample volume</b>	✓ 10-50 ul of sample, micro sampling for neonatal patients	
<b>Sample types</b>	✓ heparinized whole blood	
<b>Calibration</b>	✓ Auto-calibration; user-friendly ✓ Calibrators must be free of charge	
<b>Quality Control</b>	✓ QC materials must be free of charge ✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls. ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
<b>Reagents</b>	✓ cartridge type, for point of care testing ✓ Shelf life must not be less than 6 months on the date of delivery. ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide monthly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
8. Other requirements:
  - a. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - b. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - c. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - d. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.





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REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

- e. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
- f. Must have Material Recovery Program for Laboratory Waste Minimization.
9. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

ITEM CODE	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
CC-22	Arterial Blood Gas	440,000.00	1100	400.00	
	TOTAL	440,000.00			
ITEM CODE	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COSTPER TEST (inclusive of consumable)	BID PRICE
CC-22	Arterial Blood Gas	120,000.00	300	400.00	
	TOTAL	120,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

### BID PROPOSAL: CAPILLARY ELECTROPHORESIS

#### A.B.C.

REGULAR

662,600.00

INCOME TRUST FUND

301,300.00


#### The winning bidder:

1. Shall provide a fully automated and user-friendly hemoglobin electrophoresis analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
Measurement Principle	✓ CAPILLARY ELECTROPHORESIS	
Throughput	✓ More than 6 test / hour	
Test Parameters	✓ Hemoglobin, Hemoglobin A1c (Glycosylated Hemoglobin) Serum Protein Electrophoresis, and Immunotyping.	
Sample volume	✓ Maximum of 100 ul of samples to be used for 1 test, as low as 50 ul for neonatal/ pediatric samples. ✓ Sample slots for 12 x 75 mm tubes, micro-sample tubes for neonatal samples	
Calibration	✓ Calibrators must be free of charge ✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months ✓ 3-month supply of calibrators must be delivered one time ✓ Calibration procedure must be simple and user- friendly	
Quality Control	✓ QC materials must be free of charge ✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls. ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
Reagents	✓ Shelf life must not be less than 6 months on the date of delivery. ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide quarterly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall provide continuous water supply required by the machine free of charge.
8. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.



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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)</b>	

9. Other requirements:
- a. Shall provide a reagent refrigerator (at least 8 cu. ft.) for storage of reagents and other consumables.

b. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.

c. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.

d. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.

e. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.

f. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.

g. Must have Material Recovery Program for Laboratory Waste Minimization.
10. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
H-6	Hemoglobin Electrophoresis	182,600.00	200	913.00	
CC-25	HbA1c	405,000.00	900	450.00	
SI-46	Serum Electrophoresis	75,000.00	100	750.00	
	TOTAL	662,600.00			
	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
H-6	Hemoglobin Electrophoresis	91,300.00	100	913.00	
CC-25	HbA1c	135,000.00	300	450.00	
SI-46	Serum Electrophoresis	75,000.00	100	750.00	
	TOTAL	301,300.00			

NAME OF COMPANY:	
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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)****BID PROPOSAL:****HEMATOLOGY ANALYZER REAGENTS FOR REAGENT TIE-UP SCHEME**

A.B.C.                      **REGULAR FUND:**                      P 4,190,080.00  
                                 **INCOME TRUST FUND:**                      1,713,360.00

1. Supplier must provide a fully automated five parts differential (or more) hematology analyzer with body fluids mode, capable of reticulocyte count. Supplier must meet end-user's specifications for the machine and reagents; and willing to enter into a reagent tie-up agreement with the hospital for 1 year. Must be compatible with LIS. Supplier must provide two units of machine with same reagent; the other will be used as back up analyzer.

Technology	Fluorescence Flow Cytometry in all modes Sheath Flow Direct current detection method Body Fluid Cell Count Mode with no additional reagent required
Throughput	100-900 samples per hour <b>Parameters CBC</b> <ul style="list-style-type: none"><li>• WBC MCH PDW HCT MCV</li><li>• RBC MCHC MPV RDW-SD PCT</li><li>• HGB PLT P-LCR RDW-CV PLT-F, IPF (immature platelet function)</li></ul> <b>Diagnostic parameters DIFF channel</b> <ul style="list-style-type: none"><li>• NEUT% NEUT# EO% EO#</li><li>• LYMPH% LYMPH# BASO% BASO#</li><li>• MONO% MONO# IG% IG#</li><li>• #/% NRBC</li><li>• White Precursor Cell</li></ul> <b>Diagnostic parameters RET channel</b> <ul style="list-style-type: none"><li>• RET% MFR IRF PLT-o</li><li>• RET# HFR LFR RET-He</li></ul> <b>Research parameters DIFF channel</b> <ul style="list-style-type: none"><li>• HFLC% HFLC#</li></ul> <b>Research parameters RET channel</b> <ul style="list-style-type: none"><li>• RBC-O, IRF-Y Delta-He FRC# RBC-Y</li><li>• RBC-He FRC% RET-Y RPI</li></ul> <b>Body Fluid Analysis</b> <ul style="list-style-type: none"><li>• 2 part differential- PMN and MN #/%</li></ul> True 6-part Differential Analyzer (FDA approved) NRBC Analysis by Fluorescence Flow Cytometry Hematocrit test: detected by Cumulative Pulse Height Detection Method With special "low WBC (LW) Mode"-extended Count volume (3x) in LW mode (for leukocytopenic sample)
Reagent Features	In paper packages Dye cartridge embedded radio frequency identification for error-free loading of reagent Cyanide free hemoglobin reagent No additional reagent for body fluid analysis Reagent containers must not exceed 10-20L in volume
quality control	3 levels control materials with minimum 2 months shelf life supplier must ensure continuous supply of control materials LJ Chart can be printed directly even if not transported to LIS Excellent NEQAS performance

2. Proposed contract must be submitted with the bid proposal for evaluation.
3. Table top (for bench type machines), AVR and UPS must be provided by the supplier.
4. All consumables must be listed in the bid proposal with its corresponding prices. Unlisted reagents/consumables will be considered free of charge.
5. Supplier must submit a cost analysis per test. The cost analysis must include the cost of reagent per test including consumables.
6. Reagents must have a shelf-life of 12 months or longer.
7. Must provide free calibrators and controls.
8. Must meet the general conditions and terms.





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REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)

ITEM CODE:	REAGENT FOR:	REGULAR FUND ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE
H-1	CBC	P 4,180,000.00	55,000	P76.00	
H-2	RETICULOCYTE COUNT	P 10,080.00	420	P24.00	
	<b>TOTAL:</b>	<b>4,190,080.00</b>			

ITEM CODE:	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE
H-1	CBC	P1,710,000.00	22,500	P76.00	
H-2	RETICULOCYTE COUNT	P3,360.00	140	P24.00	
		<b>1,713,360.00</b>			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	

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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)</b>

**BID PROPOSAL:**

**AUTOMATED COAGULATION MACHINE REAGENTS FOR REAGENT TIE-UP SCHEME**

A.B.C.	REGULAR FUND:	P 356,100.00
	INCOME TRUST FUND:	121,200.00

Supplier must provide a fully automated coagulation machine. Supplier must meet end-user's specifications for the machine, reagents and willing to enter into a reagent tie-up agreement with the hospital for 1 year. Must be compatible with LIS.

Supplier must provide a back up machine same reagent with the main machine.

Measuring principle	Light Scattering Photometry for Coagulation assays
Throughput	200-400 tests per hour; the shorter analysis time, the better, to accommodate STAT requests
Calibration	Easy calibration procedure Provides INR calibration Curve
Quality Control	Available 2 levels of controls Enabled QC management LJ Chart can be printed directly even if not transported to LIS
Sample Volume	50-100 ul of plasma to be tested; preferably as low as 20 ul for neonatal samples (micro sample)

- Proposed contract must be submitted with the bid proposal for evaluation.
- All consumables must be listed in the bid proposal with its corresponding prices. Unlisted reagents/consumables will be considered free of charge.
- Supplier must submit a cost analysis per test. The cost analysis must include the cost of reagent per test including consumables.
- Reagents must have a shelf-life of 12 months or longer.
- Winning bidder shall provide a commercial refrigerator for sample and reagent storage, at 220 volts.
- Must meet the general conditions and terms.

ITEM CODE:	REAGENT FOR:	REGULAR FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
H-3	Prothrombin Time	187,600.00	3350	P56.00	
H-4	APTT	148,500.00	2750	P54.00	
H-5	Fibrinogen	20,000.00	500	P 40.00	
	TOTAL:	356,100.00			

ITEM CODE:	REAGENT FOR:	INCOME TRUSR FUND ABC	QUANTITY FOR ABC	ABC PER TEST (INCLUDE ALL CONSUMABLES)	BID PRICE
	Prothrombin Time	67,200.00	1,200	P56.00	
	APTT	54,000.00	1,000	P54.00	
	TOTAL:	121,200.00			

NAME OF COMPANY:	
ADDRESS:	
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REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)

ITEM CODE:	REAGENT FOR:	REGULAR FUND ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE
H-1	CBC	P 4,180,000.00	55,000	P76.00	
H-2	RETICULOCYTE COUNT	P 10,080.00	420	P24.00	
	TOTAL:	4,190,080.00			

ITEM CODE:	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE
H-1	CBC	P1,710,000.00	22,500	P76.00	
H-2	RETICULOCYTE COUNT	P3,360.00	140	P24.00	
		1,713,360.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	

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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)****BID PROPOSAL: IMMUNOLOGY ANALYZER****A.B.C.****REGULAR****2,612,583.00****INCOME TRUST FUND****945,752.00****The winning bidder:**

1. Shall provide a fully automated and user-friendly integrated immuno-chemistry analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
<b>Measurement Principle</b>	✓ Chemiluminescence immunoassay (CLIA)	
<b>Processing Capacity</b>	✓ Can integrate with a chemistry analyzer ✓ Fully automated; walk away ✓ At least 15 test parameters could be processed simultaneously ✓ Random access sampling possible; with capability for STAT analysis	
<b>Throughput / processing time</b>	✓ High throughput, at least 70 patient results/hour ✓ Processing time preferably not more than 20 minutes	
<b>Sample Volume</b>	✓ Not more than 50 ul/test	
<b>Calibration</b>	✓ Calibrators must be free of charge ✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months ✓ 3-month supply of calibrators must be delivered one time ✓ Calibration procedure must be simple and user- friendly	
<b>Quality Control</b>	✓ QC materials must be free of charge ✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls. ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
<b>Reagents</b>	✓ Shelf life must not be less than 6 months on the date of delivery. ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide quarterly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall provide continuous water supply required by the machine free of charge.





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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

8. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
9. Other requirements:
  - a. Shall provide a reagent refrigerator (at least 8 cu. ft.) for storage of reagents and other consumables.
  - b. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - c. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - d. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - e. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.
  - f. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
  - g. Must have Material Recovery Program for Laboratory Waste Minimization.
10. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-1	Anti-HAV Total	75,770.00	200	378.85	
SI-2	Anti-HAV IgM	55,200.00	200	276.00	
SI-3	Anti-HBc Total	43,200.00	200	216.00	
SI-4	Anti-HBc IgM	70,200.00	300	234.00	
SI-5	Anti-HBe	85,260.00	300	284.20	
SI-6	Anti-HBs	175,000.00	1000	175.00	
SI-7	HBeAg	91,360.00	320	285.50	
SI-8	HBsAg	58,093.00	700	82.99	
SI-9	TSH	377,300.00	1100	343.00	
SI-10	FT4	318,000.00	1000	318.00	
SI-11	FT3	40,000.00	200	200.00	
SI-12	T4	24,000.00	100	240.00	
SI-13	T3	24,000.00	100	240.00	
SI-14	AFP	69,000.00	300	230.00	
SI-15	CA 125	144,900.00	300	483.00	
SI-16	CA 19-9	70,000.00	200	350.00	
SI-17	CEA	109,200.00	400	273.00	
SI-18	BETA-HCG	75,000.00	300	250.00	
SI-19	TPSA	216,000.00	600	360.00	
SI-23	FERRITIN	103,200.00	400	258.00	
SI-36	Anti-streptolysin O (ASO)	51,300.00	300	171.00	
SI-37	Complement Component 3 (C3)	30,600.00	200	153.00	
SI-38	C-Reactive Protein (CRP)	81,000.00	300	270.00	
SI-39	Rheumatoid Factor (RF)	36,000.00	200	180.00	
SI-48	PROCALCITONIN	54,000.00	150	360.00	
SI-49	FSH	45,000.00	150	300.00	
SI-50	LH	45,000.00	150	300.00	
SI-51	SERUM LACTATE	45,000.00	150	300.00	
	<b>TOTAL:</b>	<b>2,612,583.00</b>			



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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)**

	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-1	Anti-HAV Total	37,885.00	100	378.85	
SI-2	Anti-HAV IgM	27,600.00	100	276.00	
SI-4	Anti-HBc IgM	23,400.00	100	234.00	
SI-5	Anti-HBe	28,420.00	100	284.20	
SI-6	Anti-HBs	87,500.00	500	175.00	
SI-7	HBeAg	28,550.00	100	285.50	
SI-8	HBsAg	24,897.00	300	82.99	
SI-9	TSH	137,200.00	400	343.00	
SI-10	FT4	95,400.00	300	318.00	
SI-11	FT3	40,000.00	200	200.00	
SI-12	T4	24,000.00	100	240.00	
SI-13	T3	24,000.00	100	240.00	
SI-15	CA 125	96,600.00	200	483.00	
SI-16	CA 19-9	35,000.00	100	350.00	
SI-17	CEA	27,300.00	100	273.00	
SI-18	BETA-HCG	25,000.00	100	250.00	
SI-19	TPSA	72,000.00	200	360.00	
SI-23	FERRITIN	51,600.00	200	258.00	
SI-36	Anti-streptolysin O (ASO)	17,100.00	100	171.00	
SI-37	Complement Component 3 (C3)	15,300.00	100	153.00	
SI-38	C-Reactive Protein (CRP)	27,000.00	100	270.00	
	TOTAL	945,752.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	





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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

### **BID PROPOSAL: SEROLOGY REAGENTS FOR REAGENT TIE-UP SCHEME FOR CD4 LYMPHOCYTE COUNT ANALYZER**

**A.B.C.**

**REGULAR**

**68,000.00**

#### **The winning bidder:**


1. Supplier must provide a portable system for CD4 Lymphocyte Count analyzer. Supplier must meet end-user's specifications for the machine and reagents and willing to enter into a reagent tie-up agreement with the hospital. Must be compatible with LIS. Supplier must provide a back up machine.

		STATEMENT OF COMPLIANCE
Measurement Principle	Fluorescence Imaging and absorbance reading	
Throughput	Results in maximum of 10 minutes	
Test Parameters	Absolute and percentage results for CD4 T Lymphocytes Hemoglobin	
Reagent	Cartridge type (to avoid on-board expiration of bottled reagents)	
Sample types	EDTA whole blood	
Calibration	Analyzer software able to internally calibrate the instrument and each reagent cartridge with each run.	
Quality Control	Available QC materials must be free of charge On board QC, two levels	

2. The portable system must include the instrument, integrated software, disposable cartridges and sample incubation work station.
3. Designed to provide absolute and percentage results of CD4 T Lymphocytes and total hemoglobin concentration to monitor HIV/AIDS patients.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-45	CD4 T Lymphocytes Count	68,000.00	80	850.00	
	TOTAL	68,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	

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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)</b>	

**BID PROPOSAL: CARDIAC PANEL MACHINE FOR REAGENT TIE-UP SCHEME (MAIN)**  
**ABC** **1,659,600.00 (REGULAR)**  
**737,400.00 (INCOME TRUST FUND)**

**The Winning Bidder:**

- Supplier must provide a cartridge type (POCT) Cardiac Panel Machine. Supplier must meet end-user's specifications for the machine and reagents and willing to enter into a reagent tie-up agreement with the hospital. Must be compatible with LIS. Supplier must provide a back up machine.

		STATEMENT OF COMPLIANCE
Measurement Principle	Fluorescence Immunoassay	
Test Parameters	Troponin I Pro-BNP D-Dimer Myoglobin	
Throughput / processing time	Not more than 20 minutes, the lower the better	
Reagent	Cartridge type	
Sensitivity	≤ 0.10 ng/ml (for Troponin I)	
Quality Control	2 level external QC material (free of charge) Self-check, built in controls into the meter, software and test device	
Power Source	Preferably electrical; if battery-operated, supplier must provide batteries free of charge.	

- The portable system must include the instrument, integrated software, disposable cartridges and sample incubation work station.
- Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
- Must be willing to pay the maintenance fee for the equipment to the LIS provider.
- Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
- Must provide monthly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
- All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
- Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
- Other requirements:
  - Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.
  - All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.
  - Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
  - Must have Material Recovery Program for Laboratory Waste Minimization.
- Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.



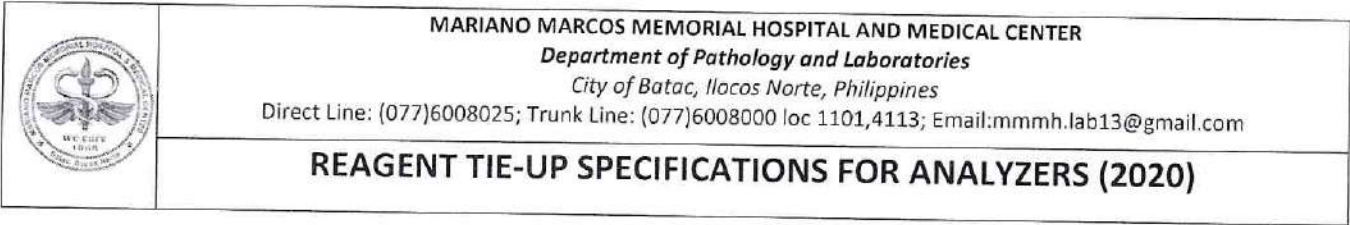


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### REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)


ITEM CODE	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-40	Troponin I	1,367,100.00	3100	441.00	
SI-41	Pro-BNP	142,500.00	95	1500.00	
SI-43	Myoglobin	75,000.00	50	1500.00	
SI-42	D-dimer	75,000.00	50	1500.00	
	<b>TOTAL:</b>	<b>1,659,600.00</b>			
	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-40	Troponin I	617,400.00	1400	441.00	
SI-41	Pro-BNP	82,500.00	55	1500.00	
SI-42	D-dimer	37,500.00	25	1500.00	
	<b>TOTAL:</b>	<b>737,400.00</b>			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-44	Troponin T	150,000.00	100	1500.00	
	TOTAL	150,000.00			



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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)</b>

<b>NAME OF COMPANY:</b>	
<b>ADDRESS:</b>	
<b>CONTACT NUMBER/S:</b>	
<b>NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE</b>	



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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)

### BID PROPOSAL: S.L.E. PANEL (ANA & ANTI-dsDNA) ANALYZER

#### A.B.C.

**REGULAR**

**240,000.00**

**INCOME TRUST FUND**

**80,000.00**


#### The winning bidder:

1. Shall provide a fully automated and user-friendly integrated immuno-chemistry analyzer with barcode scanner and must be compatible with LIS. Supplier must meet end-user's specifications for the machine and reagent, willing to enter into a reagent tie-up agreement with the hospital.

		STATEMENT OF COMPLIANCE
<b>Measurement Principle</b>	✓ Enzyme-linked Immunosorbent Assay (ELISA)	
<b>Processing Capacity</b>	✓ Fully automated; walk away ✓ Random access sampling possible	
<b>Sample Volume</b>	✓ Not more than 50 ul/test	
<b>Calibration</b>	✓ Calibrators must be free of charge ✓ Minimum of 6 months for shelf life; preferably same lot number for at least 3 months ✓ 3-month supply of calibrators must be delivered one time ✓ Calibration procedure must be simple and user- friendly	
<b>Quality Control</b>	✓ QC materials must be free of charge ✓ To provide two-level internal controls. However, in the event that the machine does not have two-level internal controls, the winning bidder must provide two-level third party controls. ✓ QC materials must have a minimum of 6 months shelf-life; preferably same lot number for at least 3 months ✓ 3-month supply of controls must be delivered one time	
<b>Reagents</b>	✓ Shelf life must not be less than 6 months on the date of delivery. ✓ Preferably of the same lot number for at least 3 months ✓ Provide all consumables sufficient to process specified number of tests.	

2. Shall provide means of fast communication in case of machine breakdown. Technical support for remedial and prompt response to service calls must be available 24/7. When technical issues and problems are unresolved, winning bidder shall send specialist/engineer within the next 24 hours. A list of dedicated specialist/engineer complete with contact details must be provided to the laboratory upon installation of the machine.
3. Must be willing to pay the maintenance fee for the equipment to the LIS provider.
4. Must also provide back-up machine with the same reagents while repair of the existing one is being undertaken and needed spare parts are being replaced.
5. Must provide quarterly preventive maintenance and calibration service for FREE. Replacement parts of the machine must be available free of charge in the laboratory for the duration of the contract.
6. All supplies and reagents must have an expiration date of at least one year upon delivery. Reagents and supplies with expiration of less than 6 months can be accepted provided that a certificate of replacement in case reagents and supplies are not consumed before the expiration date is submitted.
7. Shall provide continuous water supply required by the machine free of charge.
8. Shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
9. Other requirements:
  - a. Provide reagent consumption estimation per sample including calibration, controls for tests, and quality control purposes.
  - b. Shall provide AVR/UPS that can support at least 1 hour of power supply to the machine in case of black out.
  - c. Shall provide complete set of reagents and supplies for parallel testing during the evaluation of the machine.



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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS (2020)</b>

- d. All reagents and supplies consumed during preventive maintenance and machine repair must be replaced.
  - e. Must provide free training, local and international, to end user and free technical support during the contract period. Certificate of Training must be provided immediately after.
  - f. Must have Material Recovery Program for Laboratory Waste Minimization.
10. Machine shall be capable of performing all tests stated below: It can provide all required reagents including calibrators and controls.

	REAGENT FOR:	REGULAR FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-52	ANTI-NUCLEAR ANTIBODY	120,000.00	150	800.00	
SI-53	ANTI-dsDNA	120,000.00	150	800.00	
	TOTAL	240,000.00			
	REAGENT FOR:	INCOME TRUST FUND ABC	QUANTITY REQUIRED FOR ABC	COST PER TEST (inclusive of consumable)	BID PRICE
SI-52	ANTI-NUCLEAR ANTIBODY	40,000.00	50	800.00	
SI-53	ANTI-dsDNA	40,000.00	50	800.00	
	TOTAL	80,000.00			

NAME OF COMPANY:	
ADDRESS:	
CONTACT NUMBER/S:	
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE	



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**REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)**

**GENERAL RULES AND CONDITIONS:**

1. The winning bidder must meet all requirements/specifications stated in the bidding documents.
2. All supplies and reagents must have an expiration date of at least one year upon delivery and must be replaced three months before expiration date.
3. Any reagent/supplies that are deemed unacceptable by the end user, after thorough investigation thereof, shall be replaced by the winning bidder without any cost to the end user.
4. All necessary concerns must be addressed within 24 hours including weekends and holidays after concern has been addressed through personal call or via text messaging or written report and acknowledge by the supplier.
5. Complete delivery of requested and purchased items must be observed at all times.
6. In case of trouble shooting, preventive maintenance of machine purchased reagents are not to be use rather supplier must bring their own reagent.
7. Allow evaluation of all machines by end user through product demonstration. All analytes/tests being bidded must be tested for minimum of three runs.
8. Winning bidder be responsible for the continuous operation of the installed machine to include upgrading, maintenance of ambient temperature (provide temperature monitor) needed by the machine.
9. Provide a functional back up machine with the same reagent. In case winning bidder cannot provide, tests will be sent out to the user's laboratory of choice and winning bidder shall shoulder all expenses incurred.
10. Provide functional UPS, AVR, Computer set and continuous ink flow printer until end of contract.
11. Proposed contract must be submitted with the bid proposal for evaluation.
12. All reagents/consumables must be listed in the bid proposal with its corresponding prices. Unlisted reagents/consumables will be considered free of charge.
13. Supplier must submit a cost analysis per test. The cost analysis must include the cost of reagent per test, including consumables.
14. Supplier must provide free controls (2 levels) and calibrators for all reagents and other necessary supplies needed for calibration and controls.
15. Supplier must provide free training local and international to end user and free technical support during the contract period.
16. Supplier to provide free machine repair, regular maintenance and calibration service and free machine spare parts.
17. Supplier to provide free electrode cartridges for ISE mode.
18. Supplier must have Material Recovery Program for Laboratory Waste Minimization.
19. Supplier must be willing to pay the maintenance fee for the equipment to the LIS provider.
20. Winning bidder shall provide the same lot of reagents bidded for at least 3 months.
21. Supplier shall validate machine upon installation and shall shoulder all reagents, controls and consumables needed in the validation.
22. Shall provide a CPR for all reagents and reagents are approved by FDA.
23. All winning bidders to provide back up machines with the same reagent as the winning tie up machine.
24. Supplier must provide appropriate storage for reagents.



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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)</b>

**BID PROPOSAL:**

**AUTOMATED MACHINE FOR GEL TYPING , CROSSMATCHING AND ANTIBODY SCREENING**  
**A.B.C. = TRUST FUND: P 1,371,500.00**

1. Supplier must meet end-user's specifications for the machine and reagent; and willing to enter into a reagent tie-up agreement with the hospital year and must provide a fully automated machine for typing, crossmatching and antibody screening.
2. Provide transferpettes/micropipettes: 1 – fixed at 10 uL, 1- fixed at 25 uL, 1-fixed at 50 uL and 1- 100-1000 uL.
3. Provide at least 1 centrifuge and 1 incubator specific for gel cards for the back up machine.
4. Facilitate and be responsible for further investigation of difficult crossmatch.
5. Provide assistance in sending out for possible antibody identification.
6. Must meet the general conditions and terms.

Measurement Principle	Utilizes column agglutination technique
Throughput	150-250 samples
Machine Features	Simultaneous perforation and dispensing technology of card wells. Auto-detection of probe for clot presence prior to processing of samples. With monitoring of reagents, diluents and washing solutions Highest level of security and flexibility with full automation Can analyze small blood volumes/pediatric samples
Reagent features	Gel typing cards should be murine monoclonal with antibody class of IgM for Anti-A and IgG3 for anti-B. Screening cells (3 panels) must be able to detect the common clinically significant antibodies and antibodies commonly present in the serum of Asian population.
Other features	<ol style="list-style-type: none"> <li>1. The gel card shall be able to keep strongly agglutinated red cells completely remaining at the top to exhibit a 4+ reaction.</li> <li>2. Immediate STAT handling.</li> <li>3. Continuous loading of reagents and samples without any interruptions.</li> <li>4. Work modes: with batch testing, by sample and STAT.</li> <li>5. Clear results: high resolution color image for captured photos.</li> <li>6. Random positioning of samples and reagents</li> </ol>

REAGENT FOR:	TRUST FUND FOR ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE	
1 Anti-A, Anti-B, Anti-D, Reverse Typing Card	P 132,000.00	600	P 220.00		
2 LISS/COOMB’S CARD	P 472,500.00	14,000	P 33.75		
3 NACL/ENZYME CARD	P 385,000.00	14,000	P 27.50		
4 LISS/GEL SOLUTION	P 350,000.00	14,000	P25.00		
5 Known A cells and B cells		FOC			
6 Red cells I, II, III antibody testing	P 32,000.00	400	P 80.00		
NAME OF COMPANY:					
ADDRESS:					
CONTACT NUMBER/S:					
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE					



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## REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)

### BID PROPOSAL:

#### SEROLOGY REAGENTS FOR REAGENT TIE-UP SCHEME FOR SCREENING OF TRANSFUSION TRANSMISSIBLE INFECTIONS (CHEMILUMINISCENCE )

A.B.C. = TRUST FUND: P 15,582,070.20


1. Supplier must provide a fully automated CLIA machine. Supplier must meet end-user's specifications for the machine and reagents and willing to enter into a reagent tie-up agreement with the hospital.
2. Submit current Certificate of Product Registration from Food and Drug Administration (FDA) and proof of Kit Evaluation from STD AIDS Cooperative Central Laboratory (SACCL) of all assays/reagents and should have evaluated sensitivity and specificity levels as high as possible and preferably not less than 99.5%.
3. Must meet the general conditions and terms.

Measurement Principle	Chemiluminescence enzyme immunoassay
Throughput	At least 15-20 minutes per test in a minimum of 80 sample capacity
Reagent Feature	Must be barcoded and directly loaded to the machine through automatic barcode reading. Ready to use and no pretreatment needed.
Test Parameters	Capable of performing 4 TTI's (HBsAg, Anti-HCV, Anti-HIV 1&2, Syphilis) simultaneously
Data Storage	50,000-100,000 sample results
Calibration	Preferably uses single calibration step, single calibration material for a more cost efficient testing; Analyzer could "self-calibrate"
Sample Volume	Maximum of 30 ul per test; with as low as 10ul or lower for blood samples
Sample Dilution	On-board sample dilution possible
Sample Dispensing	Disposable pipette tips
Calibration	Calibrators must be free of charge Minimum of 6 months for shelf life; preferably same lot number for at least 3 months 3 months supply of calibrators must be delivered one time Calibration procedure must be simple and user- friendly
Quality Control	Available QC materials must be free of charge 2 levels, minimum of 6 months for shelf-life; preferably same lot number for at least 3 months 3 months supply of controls must be delivered one time Provide 2019 EQAS Results of other installations.

REAGENT FOR:	TRUST FUND FOR ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE	
HBsAg, CLIA, 100 tests/box	3,065,920.00	16000	191.62		
HIV 1&2 Ag, Ab, CLIA, 100 tests/box	4,880,000.00	16000	305.00		
Anti-HCV, CLIA, 100 tests/box	3,834,073.60	16000	239.63		
Syphilis/Treponema, CLIA, 100 tests/box	3,802,073.60	16000	237.63		
NAME OF COMPANY:					
ADDRESS:					
CONTACT NUMBER/S:					
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE					

### BID PROPOSAL:




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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)</b>

**NON INVASIVE HEMOGLOBIN ANALYZER**  
**A.B.C. = TRUST FUND: P 250,000.00**

- Machine should be non-invasive, accurate for monitoring of Hb level and pulse rate
- Machine will have immediate, on-line measurement.
- Test results in less than 90 seconds.
- Machine should have automatic self-test and calibration check at start-up, and continuously performed background calibration check self- tests.
- Machine should be safe, easy to operate, no biohazard material handling.
- Machine should have a Backlight LCD display and adjustable viewing angle, for clear visibility in subdued or difficult lighting conditions.
- It can operate on all commonly available or standard AA batteries.
- Machine data should yield at least 100 preceding measurements.
- Must meet the general conditions and terms.

REAGENT FOR:	REGULAR FUND FOR ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE	
Hemoglobin Determination Probe	P 250,000	5000	P50.00		
NAME OF COMPANY:					
ADDRESS:					
CONTACT NUMBER/S:					
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE					

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	<b>REAGENT TIE-UP SPECIFICATIONS FOR ANALYZERS( 2020)</b>

**BID PROPOSAL:**  
**SEROLOGY REAGENTS FOR REAGENT TIE-UP SCHEME FOR SCREENING OF TRANSFUSION TRANSMISSIBLE INFECTIONS (ELISA)**  
**A.B.C. = TRUST FUND: P 500,000.00**

- Supplier must provide a fully automated EIA machine. Supplier must meet end-user's specifications for the machine and reagents and willing to enter into a reagent tie-up agreement with the hospital.

Measurement Principle	Fully automated enzyme immunoassay method
Throughput	Can process at least 150-200 samples.
Test Parameters	Capable of performing (Malaria) in EIA method simultaneously
Required Specimen Volume	10-100 uL
Sample Dispensing	Disposable pipette tips
Sample Dilution	On-board sample dilution possible
Calibration	Calibrators must be free of charge Minimum of 6 months for shelf life; preferably same lot number for at least 3 months 3 months supply of calibrators must be delivered one time Calibration procedure must be simple and user- friendly
Quality Control	Available QC materials must be free of charge 2 levels, minimum of 6 months for shelf-life; preferably same lot number for at least 3 months 3 months supply of controls must be delivered one time Provide 2019 EQAS Results of other installations

- Submit Certificate of Product Registration from Food and Drug Administration (FDA) and proof of Kit Evaluation from STD AIDS Cooperative Central Laboratory (SACCL) of all assays/reagents and should have evaluated sensitivity and specificity levels as high as possible and preferably not less than 99.5%.
- Provide micropipettes: 1- 20-200 uL and 1- 100-1000 uL.
- Must meet the general conditions and terms.

REAGENT FOR:	REGULAR FUND FOR ABC	QUANTITY FOR ABC	ABC PER TEST(INCLUDE ALL CONSUMABLES)	BID PRICE	NUMBER OF TESTS OFFERED
Malaria Ag	P500,000.00	4,800	P104.16		
NAME OF COMPANY:					
ADDRESS:					
CONTACT NUMBER/S:					
NAME AND SIGNATURE OF DEALER / AUTHORIZED REPRESENTATIVE					