



Republika ng Pilipinas  
Kagawaran ng Kalusugan  
Panlabas ng Pagpapaganap  
Pampurok ng Tanggapang Pangkalusugan Blg. 6  
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## **BIDS AND AWARDS COMMITTEE**

### **SUPPLEMENTAL/BID BULLETIN**

#### **Addendum No. 1**

(Procurement of Various Laboratory Consumables with Free Use of Machines)

This Addendum No. 1 dated June 18, 2018 is issued to amend items/articles in the Invitation to Bid, Bid Data Sheet, Section VI. Schedule of Requirements – CERTIFICATION and Technical Specifications for the Procurement of Various Laboratory Consumables with Free Use of Machines on June 25, 2018. This shall form an integral part of the Bid Documents.

#### **Invitation to Bid**

##### **ORIGINAL:**

7. Bids must be duly received by the BAC Secretariat at the address below on or before **9:00am on June 25, 2018**. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 18.
8. Bid opening shall be on **June 25, 2018, 9:20am** at *Laboratory Conference Room, WVMC, Q. Abeto St., Mandurriao, Iloilo City*. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. **Late bids shall not be accepted.**

##### **AMENDED:**

7. Bids must be duly received by the BAC Secretariat at the address below on or before **2:00pm on June 25, 2018**. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 18.
8. Bid opening shall be on **June 25, 2018, 2:20 pm** at *Laboratory Conference Room, WVMC, Q. Abeto St., Mandurriao, Iloilo City*. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. **Late bids shall not be accepted.**

All other articles in the **Invitation to Bid** remain the same.

#### **Bid Data Sheet**

<b>ORIGINAL</b>	<b>AMENDED</b>
21 The address for submission of bids is:  <i>Laboratory Conference Room Western Visayas Medical Center Q. Abeto St., Mandurriao, Iloilo City.</i>  The deadline for submission of bids <b>9:00AM on June 25, 2018.</b>	21 The address for submission of bids is:  <i>Laboratory Conference Room Western Visayas Medical Center Q. Abeto St., Mandurriao, Iloilo City.</i>  The deadline for submission of bids <b><u>2:00PM</u> on June 25, 2018.</b>

24.1 The place of bid opening is:  <b>Laboratory Conference Room</b> <b>Western Visayas Medical Center</b> <b>Q. Abeto St., Mandurriao, Iloilo City.</b>  The date and time of bid opening is <b>9:20 AM on June 25, 201</b>	24.1 The place of bid opening is:  <b>Laboratory Conference Room</b> <b>Western Visayas Medical Center</b> <b>Q. Abeto St., Mandurriao, Iloilo City.</b>  The date and time of bid opening is <b><u>2:20PM</u> on June 25, 201</b>
All other articles in the <b>Bid Data Sheet</b> remain the same.	

## Section VI. Schedule of Requirements, CERTIFICATION

### ORIGINAL:

CERTIFICATION					
<p>This is to certify that the delivery of the following item/s that I have bid and found to be the lowest calculated and responsive bid is accordance to the agency's specification shall be delivered to the Western Visayas Medical Center within Thirty (30) Days from receipt of the Notice to Proceed or as required by the end user for staggered deliveries.:</p>					
Item #	Description	Quantity	Unit	Brand/Country of Origin	Delivery Period
					As per Schedule of Delivery of the End User
<p>This certification is issued as requirement for the June 25, 2018 <b><i>Procurement of Various Laboratory Supplies and Reagents</i></b> for the use of the Western Visayas Medical Center.</p> <p>Issued this 25<sup>th</sup> day of June, 2018.</p> <p style="text-align: right;">Agency's Proprietor/Manager/President or</p> <p style="text-align: right;">Authorized Representative</p>					

### AMENDED:

CERTIFICATION					
<p>This is to certify that the delivery of the following item/s that I have bid and found to be the lowest calculated and responsive bid is accordance to the agency's specification shall be delivered to the Western Visayas Medical Center within Thirty (30) Days from receipt of the Notice to Proceed or as required by the end user for staggered deliveries.:</p>					
Item #	Description	Quantity	Unit	Brand/Country of Origin	Delivery Period
					As per Schedule of Delivery of the End User
<p>This certification is issued as requirement for the June 25, 2018 <b><i>Procurement of Various Laboratory Consumables with Free Use of Machines</i></b> for the use of the Western Visayas Medical Center.</p> <p>Issued this 25<sup>th</sup> day of June, 2018.</p> <p style="text-align: right;">Agency's Proprietor/Manager/President or</p> <p style="text-align: right;">Authorized Representative</p>					

### Technical Specifications

**ORIGINAL:**

Lot #	Unit	Item Description	Quantity	Lot Package ABC	Statement of Compliance
2	unit	<b>FULLY-AUTOMATED CHEMISTRY ANALYZER</b>	<b>1</b>	<b>8,742,350.00</b>	
		<b>Specifications:</b> LIS Ready More than 80 Refrigerated Reagent positions bottles Analyzes Serum, plasma, Blood and Body fluid samples			
		Detects hemolysis, icteric, chylous serum samples Continuous loading of samples and reagents Wide pipetting system: a. Up to 1000 ul Reagent syringe b. Up to 100 ul sample Sample volume: 10-80 ul Minimum of 10,000 tests/cuvette rotor Upgraded integrated PC Less than 950 ml / hour maximum water consumption Minimum throughput of 200 tests/hour Integrated Quality control charts and graphs Free calibrator Available test counter-optional  Minimum Required Parameters are Albumin, Alkaline phosphatase, Amaylase, total Bilirubin, Direct Bilirubin, Cholesterol, CK-MB, Creatinine, Glucose, SGOT, SGPT, HDL-Cholesterol, Inorganic Calcium, Litium, Lipase, Magnesium, Triglycerides, Urea (BUN), Uric Acid, GGT and Inorganic Phosphorous.  Additional Parameters for the following: a. Enzyme Panel b. Protein Panle c. Electrolytes 24/7 technical support Provide service unit in case of equipment breakdown for more than 24 hours Replacement of reagents used during preventive and corrective maintenance Provides a functional calibrated back up unit using similar reagents  With a maximum <b>8,742,350.00</b> worth of reagents and consumables equivalent to the number of tests listed below or as determined by the end user:			
	PER TEST	ACID PHOSPHATASE	100		
	PER TEST	ALBUMIN	5500		
	PER TEST	ALKALINE PHOSPHATASE	2250		
	PER TEST	AMYLASE	2000		
	PER TEST	ALT/ GPT	15500		
	PER TEST	AST / GOT	11100		
	PER TEST	BILIRUBIN DIRECT	2900		

	PER TEST	BILIRUBIN TOTAL	2500		
	PER TEST	CALCIUM	480		
	PER TEST	CHOLESTEROL	8460		
	PER TEST	CK-MB	500		
	PER TEST	MICROPROTEIN	450		
	PER TEST	CREATININE	48800		
	PER TEST	GAMMA - GT	100		
	PER TEST	GLUCOSE	6500		
	PER TEST	GLUCOSE BODY FLUIDS	500		
	PER TEST	HDL-CHOLESTEROL	13600		
	PER TEST	TOTAL PROTEIN SERUM	4400		
	PER TEST	TOTAL PROTEIN U/CSF	500		
	PER TEST	TRIGLYCERIDES	5600		
	PER TEST	UREA	7000		
	PER TEST	URIC ACID	8500		
	per test	LDH	2400		
	PER TEST	MAGNESIUM	2500		
	PER TEST	PHOSPHOROUS	2000		
	per test	LITHIUM	100		
5	unit	Hemoglobin A1C and Variant Analyzer	1	1,875,000.00	
		<b>Machine Specifications:</b> Principle: Ion exchange HPLC Method (Gold Standard) Fully automated analyzer for Hemoglobin A1C and hemoglobin variants determinations Accurate of determination of stable HbA1C Sample capacity of more than 100 samples with continuous loading System can inject from closed cap whole blood collection tubes Carry-Over: -Less than 0.05% while standard wash, less than 1% carry over -Less than %0.01 while extra wash Loop Volume: 20ul or less Analysis for HbA1C Method is less than 10 minutes. <b>UNIQUE MODULES</b> <ul style="list-style-type: none"> <li>· Rotational Barcode reading from whole blood</li> <li>· Sample inversion for homogenization</li> <li>· Sample transfer from the whole blood tube</li> <li>· Dilution and hemolysis</li> <li>· Injection and data acquisition</li> </ul> LIS capable User-friendly graphical interface for easy interaction Fast, automated data processing and automatic peak detection Allow user to create, edit, and print custom design reports Controls and calibrators ready to use (no reconstitution necessary) Automated Barcode reader Barcode reading and rotational chamber allows to read barcode anywhere on the tube. This module also has optional shaker module for shaking blood tubes			

		With at least 1 chamber for emergency sample. Cost per test is inclusive of Controls and calibrators Set test column number of 1,500 minimum Hgb AIC with Variant whole blood HPLC analysis Hgb AIC with Variant Whole blood HPLC analytical column 1000 tests	3000 1500		
7	Unit	<b>FULLY AUTOMATED HEMATOLOGY ANALYZER WITH RETICULOCYTE COUNT</b>	<b>1</b>	<b>2,442,500.00</b>	
		<p>Specifications:</p> <p>Fully automated 6 parts Hematology Analyzer</p> <p>Fluorescence Flow Cytometry using semiconductor laser</p> <p>DC Sheath Flow Detection</p> <p>36 parameters whole blood/PD/low WBC mode</p> <p>* WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT-1, RDW-CV, P-LCR, PDW, MPV, P-LCR, NEUT #, LYMPH #, MONO #, EO #, BASO #, NEUT %, LMPH %, MONO %, EO %, BASO %, IG#, IG%</p> <p><b>BODY FLUID:</b> WBC-BF, RBC-BF, MN#, PMN#, MN%, PMN%, TC-BF#</p> <p><b>10 OPTIONAL PARAMETERS:</b> RET#, RET%, IRF, LFR, MFR, HFR, RET-HE, PLT-O, IPF#, IPF%</p> <p>70-100 samples per hour</p> <p>2 drawers to allow continuous loading, capacity 20 samples</p> <p>sample aspiration volume of 20-25uL for whole blood/low WBC mode</p> <p>Body Fluid mode: 70uL or less</p> <p>Tri-level QC for all parameters</p> <p>Bi-level body fluid QC material</p> <p>Minimum Data storage of 100,000 samples including histograms and scattergrams</p> <p>IPU: Built-in, touch screen</p> <p>Additional Features: True 6 parts differential count including immature granulocytes</p> <p>Fully automated Body Fluid analysis, analysis of low WBC samples in L-WBC mode.</p> <p>Analysis of low WBC samples in L-WBC mode</p> <p>Automated reticulocyte count plus additional parameters:</p> <ul style="list-style-type: none"> <li>* Reticulated Hemoglobin</li> <li>* Immature reticulocyte fraction</li> <li>* Immature platelet fraction</li> </ul> <p>Integrated auto repeat, rerun and reflex of samples</p> <p>Excellent product support, readily available service technician for machine maintenance and troubleshooting, provide UPS and AVR, workbench, computer and printers for machine, will provide starter kits free of charge</p> <p>A copy of a define sets of reagents and consummables must be provided. Supplier should submit cycle/test on hematology reagents.</p>			
		<b>MONTHLY PREVENTIVE MAINTENANCE AND TWICE A YEAR CALIBRATION</b>			



	per test	k. CD56 (123C3)	50		
	per test	l. CD56 (MRQ 2/18)	50		
	per test	m. CD30 mouse monoclonal	50		
	per test	n. CD30 confirm	50		
	per test	o. Chromogranin A	50		
	per test	p. Synaptophysin	50		
	per test	q. S100 (4C4.9)	50		
	per test	s. S100 (polyclonal)	50		
	per test	s. CD99	50		
	per test	t. Vimentin	50		
	per test	u. SMA	50		
	per test	v. MSA	50		
	per test	w. KI-67	50		
	per test	x. GCDF515	50		
	per test	y. Mammaglobin	50		
	per test	z. TTF-1	50		
	per test	aa. Napsin A (MRQ)	50		
	per test	bb. Napsin A (polyclonal)	50		
	per test	cc. Thyroglobulin	50		
10	unit	<b>Fully Automated Analyzer For Transfusion Transmissible Infection using Enzyme linked Immunosorbent Assay Principle (ELISA)</b>	<b>1</b>	<b>10,472,000.00</b>	
		<b>Specifications:</b> 1. Microplate processor for automated, microplate-based EIA testing 2. Fully Automated: * Allows continuous loading of samples, reagents and microplates * Performs plate dilution and distributes primary samples and reagents * Capable of testing five (5) Transfusion Transmissible Infection assay * Sensor for primary samples and reagents level * Pipetting System * Wash System that has independent aspiration and dispense cycles * Microplates transport system between workstations * Multiple independent temperature-controlled incubators, ambient light protected incubators and wash buffers. * Reagent lot and expiration management system with capability of reading the barcode of tie up reagents. * Strip Verification before a run. 3. Capacity: * More than 150 primary sample tubes at a time * Can hold more than 450 pipette tips * Can hold more than 250 pre-dilution samples 4. Processing Precision: <3% CV at 100uL			
		5. Processing Accuracy: <5% at 100uL 6. reading Range: 0-3.5OD			

		<p>7. reading Linearity (0-2.0 OD) 2.5%</p> <p>8. Reading Precision (0-2.0 OD) 2.5%</p> <p>9. Incubator Precision of 1.4°C and accuracy of 1.0 °C</p> <p>10. Monitoring System for pipetting, volume, air bubbles, foal and clots include air-pressure, capavitive and colorimetric detection system.</p> <p>11. Disposable pipette tips</p> <p>12. Multitasking software and bidirectional functionality- computer interface.</p> <p>13. System can centralize results management and may be connected to the laboratory information system.</p> <p>14. Must be included in the list of test kits as to the guidelines for the refferal blood sample for confirmatory set by NRL-NVBSP (Dept. Circular No. 2012-0198)</p>			
		<p>15. with Valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation from STD AIDS Cooperative Central Laboratory (SACCL)</p> <p>16. Must conduct a QUARTERLY PREVENTIVE MAINTENANCE and semi-ANNUAL CALIBRATION.</p> <p>17. All reagents should be compatible with the tie-up EIA Analyzer and should include controls, calibrators and other accessories in 1 kit.</p>			
		With a maximum <b>10,472,000.00</b> worth of reagents and consumables equivalent to the number of tests listed below or as determined by the end user:			
	per test	HBsAg	8500		
	per test	Syphilis (Anti-Treponema)	8000		
	per test	Malaria	8000		
	per test	HIV Ag/Ab	8000		
	per test	HCV Ag/Ab	8000		
11		<b>Fully Automated Analyzer For Transfusion Transmissible Infection using Chemiluminescence Immunoassay (CLIA)</b>	<b>1</b>	<b>7,545,000.00</b>	
		<p>Specifications:</p> <p>Throughput: More than 100 test/hour</p> <p>Sample volume: 10-50uL</p> <p>Turn Around Time: less than 30 minutes</p> <p>Data Storage: 50,000-100,000 sample results</p> <p>Minimum parameters available: Transfusion Transmissible Infections (HbsAg, HIV, HCV, Syphilis)</p> <p>Optional Additional Parameters:</p> <p>a. Thyroid Function Tests</p> <p>b. Tumor markers</p>			
		<p>c. Hepatitis Panel</p> <p>Sample Load capacity: 50-100 samples</p> <p>Reagent Capacity: Up to 25 refrigerated positions</p> <p>Continuous Reagent loading System</p> <p>LIS ready, Bi-directional Interface</p> <p>Reagents on-board stability: up to 30 days</p>			

		<p>With Valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation from STD AIDS Cooperative Central Laboratory (SACCL)</p> <p>With a maximum <b>7,545,000.00</b> worth of reagents and consumables equivalent to the number of tests listed below or as determined by the end user:</p>			
	per test	HBsAg	8,500		
	per test	Syphilis TP	8,000		
	per test	Anti-HCV	8,000		
	per test	HIV Ag/Ab Combo	8,000		
13		<b>Fully Automated Urine Analyzer with Body Fluid</b>		<b>3,000,000.00</b>	
		<p>Specifications:</p> <ul style="list-style-type: none"> <li>* Fluorescence Flow Cytometry with Blue Semiconductor Laser</li> <li>* Parameters: RBC,(RBC NonLysed) WBC ,( WBC clumps),Epithelial Cells (EC),(Squamous EC, Non-squamous EC,Transitional EC, Renal Tubular EC),Casts</li> </ul>			
	-	<ul style="list-style-type: none"> <li>* Flagging Parameters: Pathological cast, Hyaline cast, Yeasts, Crystals, Sperm, Mucus</li> <li>* Additional information: RBC information, UTI information And Conductivity can be configured to display report in both uL and conventional with histogram and scattergram</li> <li>* Sample Volume: STAT mode = 0.60 ml , sampler mode = 2.0 ml</li> <li>* Quality control: 2 level control material in lower and higher pathological range</li> <li>* Body Fluid Parameters: RBC,WBC, Epithelial Cells, Bacteria, PMNs, MNs and Total Nucleated cells</li> <li>* With sampler and barcode reader for complete walk away</li> <li>* Interfaces: LIS connectivity, Host (Ethernet serial), Graphic and/or line printer USB, Barcode Scanner (USB)</li> <li>* Will provide free monthly Preventive Maintenance and semi-annually to quarterly Calibration.</li> <li>* Will Provide Brand New Air conditioning unit.</li> </ul>			
	per test	Routine Urinalysis	<b>50,000</b>		
14		<b>Automated Strip Analyzer for Routine Urinalysis</b>		<b>375,000.00</b>	
		<ul style="list-style-type: none"> <li>• 10 Parameters test for chemical properties of human urine sample</li> <li>• ISO certified</li> <li>• Specificity: Specific for human urine sample</li> </ul> <p>Parameters: Glucose, Protein, Ketones, Specific gravity (1.000-1.030),pH (pH values within the range of 5-9)</p> <p>Blood, Nitrite, Leukocytes, Bilirubin, Urobilinogen</p> <ul style="list-style-type: none"> <li>• 2 Level control kit (normal and abnormal values)</li> <li>• Analyzer throughput at least 500 tests/hour and 7 seconds per test</li> <li>• Prints result in Conventional, SI units using an integrated internal or external printer.</li> </ul>			

		<ul style="list-style-type: none"> <li>• Automatic calibration, self-test capability and touch screen LCD for easy operation.</li> <li>• Will provide free monthly Preventive Maintenance and semi-annually to quarterly Calibration..</li> <li>• Quality control: 2 level control material in lower and higher pathological range</li> </ul>			
15		<b>Fully Automated Stool Analyzer (Free Use of Machine)</b>		<b>2,000,000.00</b>	
		<b>Specifications:</b>  <b>Principle:</b> Intelligent Technology, Automatic Microscopic Imaging Technology and computer graphics recognition Technology used in detection of stool sample			
	Per test	<b>Application Scope:</b> Applicable to automatic detection of stool sample character and visible components (routine stool), FOB, TF, Rv, ADV, HP, CALP, and other automatic detection.  <b>Throughput:</b> More than 60 samples/hour and more than 120 tests/hour  Sedimentation filtration, moderate concentration of visible components including parasite egg  LED lighting, CMOS digital camera, clear image, no shadow, no reflection, color and characters, auxiliary automatic interpretation.  Automatic switching of low power lens (10x) and high power lens (40x)  Sample suction needle up through quantitative sampling, sampling quantity of 800uL, column isolation sandwich suctioning, sample suction needle spring cleaning  Automatic switching of low power lens (10x) and high power lens (40x)  Quantitative dropping 100uL sample, automatic cleaning of emitter and pipeline  12 incubation disc, the sample incubation time after dropping  Waste kits are automatically pushed into the waste bin with seal recycling.  <b>Stool analysis with Occult blood</b>	10,000		

**AMENDED:**

Lot #	Unit	Item Description	Quantity	Lot Package ABC	Statement of Compliance
2	unit	<b>FULLY-AUTOMATED CHEMISTRY ANALYZER</b>	<b>1</b>	<b>8,742,350.00</b>	
		<b>Specifications:</b>  LIS Ready  More than 80 Refrigerated Reagent positions bottles  Analyzes Serum, plasma, Blood and Body fluid samples			
		Detects hemolysis, icteric, chylous serum samples  Continuous loading of samples and reagents  Wide pipetting system: a. Up to 1000 ul Reagent syringe b. Up to 100 ul sample			

		<p>Sample volume: 10-80 ul</p> <p>Minimum of 10,000 tests/cuvette rotor</p> <p>Upgraded integrated PC</p> <p>Less than 950 ml / hour maximum water consumption</p> <p>Minimum throughput of 200 tests/hour</p> <p>Integrated Quality control charts and graphs</p> <p>Free calibrator</p> <p>Available test counter-optional</p> <p>Minimum Required Parameters are Albumin, Alkaline phosphatase, Amaylase, total Bilirubin, Direct Bilirubin, Cholesterol, CK-MB, Creatinine, Glucose, SGOT, SGPT, HDL-Cholesterol, Inorganic Calcium, Litium, Lipase, Magnesium, Triglycerides, Urea (BUN), Uric Acid, GGT and Inorganic Phosphorous.</p>			
		<p>Additional Parameters for the following:</p> <p>a. Enzyme Panel</p> <p>b. Protein <b><u>Panel</u></b></p> <p>c. Electrolytes</p> <p>24/7 technical support</p> <p>Provide service unit in case of equipment breakdown for more than 24 hours</p> <p>Replacement of reagents used during preventive and corrective maintenance</p> <p>Provides a functional calibrated back up unit using similar reagents</p> <p>With a maximum <b>8,742,350.00</b> worth of reagents and consumables equivalent to the number of tests listed below or as determined by the end user:</p>			
	PER TEST	ACID PHOSPHATASE	100		
	PER TEST	ALBUMIN	5500		
	PER TEST	ALKALINE PHOSPHATASE	2250		
	PER TEST	AMYLASE	2000		
	PER TEST	ALT/ GPT	15500		
	PER TEST	AST / GOT	11100		
	PER TEST	BILIRUBIN DIRECT	2900		
	PER TEST	BILIRUBIN TOTAL	2500		
	PER TEST	CALCIUM	480		
	PER TEST	CHOLESTEROL	8460		
	PER TEST	CK-MB	500		
	PER TEST	MICROPROTEIN	450		
	PER TEST	CREATININE	48800		
	PER TEST	GAMMA - GT	100		
	PER TEST	GLUCOSE	6500		
	PER TEST	GLUCOSE BODY FLUIDS	500		
	PER TEST	HDL-CHOLESTEROL	13600		
	PER TEST	TOTAL PROTEIN SERUM	4400		
	PER TEST	TOTAL PROTEIN U/CSF	500		
	PER TEST	TRIGLYCERIDES	5600		
	PER TEST	UREA	7000		
	PER TEST	URIC ACID	8500		
	per test	LDH	2400		
	PER TEST	MAGNESIUM	2500		

	PER TEST per test	PHOSPHOROUS LITHIUM	2000 100		
5	unit	Hemoglobin A1C and Variant Analyzer	1	1,875,000.00	
		<b>Machine specifications:</b> Principle: Ion exchange HPLC Method  Fully automated analyzer for Hemoglobin A1c and Hemoglobin Variants  Sample capacity > 100 samples with continuous loading  System can inject from closed cap whole blood collection tubes.  Carry-over – Less than 1% on standard wash Loop volume : maximum of 20ul  Analysis time: maximum of 10 minutes Rotational Barcode reading Can homogenize sample LIS capable User-friendly Peak detection  Allow user to create, edit and print custom design reports  Controls and calibrators ready to use ( does not require reconstitution)  Automated Barcode reader At least has 1 chamber for emergency sample.  Cost per test is inclusive of controls and calibrators.			
	per test	<b>Hgb A1c</b>	2500		
	per test	<b>Hgb variant</b>	500		
7	Unit	FULLY AUTOMATED HEMATOLOGY ANALYZER WITH RETICULOCYTE COUNT	1	2,442,500.00	
		Specifications: Fully automated 6 parts Hematology Analyzer  Flourescence Flow Cytometry using semiconductor laser  DC Sheath Flow Detection 36 parameters whole blood/PD/low WBC mode  * WBC, RBC, HBG, HCT, MCV, MCH, MCHC, PLT-1, RDW-CV, P-LCR, PDW, MPV, P-LCR, NEUT #, LYMPH #, MONO #, EO #, BASO #, NEUT %, LMPH %, MONO %, EO %, BASO%, IG#, IG%  <b>BODY FLUID:</b> WBC-BF, RBC-BF, MN#, PMN#, MN%, PMN%, TC-BF#  <b>10 OPTIONAL PARAMETERS:</b> RET#, RET%, IRF, LFR, MFR, HFR, RET-HE, PLT-O, IPF#, IPF%  70-100 samples per hour 2 drawers to allow continuous loading, capacity 20 samples sample aspiration volume of 20-25uL for whole blood/ low WBC mode  Body Fluid mode: 70uL or less			

		<p>Tri-level QC for all parameters</p> <p>Bi-level body fluid QC material</p> <p>Minimum Data storage of 100,000 samples including histograms and scattergrams</p> <p>IPU: Built-in, touch screen</p> <p>Additional Features: True 6 parts differential count including immature granulocytes</p> <p>Fully automated Body Fluid analysis, analysis of low WBC samples in L-WBC mode.</p> <p>Analysis of low WBC samples in L-WBC mode</p> <p>Automated reticulocyte count plus additional parameters:</p> <ul style="list-style-type: none"> <li>* Reticulated Hemoglobin</li> <li>* Immature reticulocyte fraction</li> <li>* Immature platelet fraction</li> </ul> <p>Integrated auto repeat, rerun and reflex of samples</p> <p>Excellent product support, readily available service technician for machine maintenance and troubleshooting, provide UPS and AVR, workbench, computer and printers for machine, will provide starter kits free of charge</p> <p>A copy of a define sets of reagents and <b>consumables</b> must be provided. Supplier should submit cycle/test on hematology reagents.</p>			
	per test per test	<p><b>MONTHLY PREVENTIVE MAINTENACE AND TWICE A YEAR CALIBRRATION</b></p> <p>Must interface (bi-directional with existing LIS/HOMIS.</p> <p><del>A copy of the defined sets of reagents and consumables must be provided.</del></p> <p><del>Supplier should submit cycle/ test on Hematology reagents.</del></p> <p>A certification that the machine issued is brand <b>new</b>.</p> <p><b>CBC REAGENTS</b></p> <p><b>RETICULOCYTE REAGENTS</b></p>	<p><b>47,500</b></p> <p>500</p>		
9		<b>AUTOMATED IMMUNOHISTOCHEMICAL STAINER (Free use of Machine)</b>	<b>1</b>	<b>995,000.00</b>	
		<p>Specifications:</p> <p>Fully automated</p> <p>Independent temperature control for each position</p> <p>IHC slide processing capable of SISH, IHC, DUAL ISH and FITC</p> <p>Grounded power cord suited to the institution.</p> <p>25 reagent position</p> <p>25x75 mm, 1x3 in or 25/76 positively charged slides</p> <p>System may be controlled by one computer</p> <p>Uses NCCLC type II water or equivalent staining (deionized water)</p> <p>Up to 7 different bulk reagents in 3-6 liters on board containers</p> <p><b>Consumables</b> includes:</p> <ul style="list-style-type: none"> <li>* slides</li> <li>* Antibodies</li> </ul>			

		* Blocking kits * Amplification kits * Liquid coverslips (high kits) * Counterstains * Enzymes * Negative and positive control reagents * Specimen control slides  Addendum: With a minimum worth of Php 1,000,000.00 of reagents (antibodies) and <b>consumables</b> to be determined by the End User. With the following <b>consumables</b> (good for 50 tests) <b>1. Antibodies</b>			
	per test	a. Estrogen receptor (ER)	50		
	per test	b. Progesterone receptor (PR)	50		
	per test	c. HER-2 NEU	50		
	per test	d. CK	50		
	per test	e. CK 7	50		
	per test	f. CK 20	50		
	per test	g. CD45 (LCA 2B11 and PD 7/26	50		
	per test	h. CD45 (LCA CRP2/18	50		
	per test	i. CD3	50		
	per test	j. CD20	50		
	per test	k. CD56 (123C3)	50		
	per test	l. CD56 (MRQ 2/18)	50		
	per test	m. CD30 mouse monoclonal	50		
	per test	n. CD30 confirm	50		
	per test	o. Chromogranin A	50		
	per test	p. Synaptophysin	50		
	per test	q. S100 (4C4.9)	50		
	per test	s. S100 (polyclonal)	50		
	per test	s. CD99	50		
	per test	t. Vimentin	50		
	per test	u. SMA	50		
	per test	v. MSA	50		
	per test	w. KI-67	50		
	per test	x. GCDF515	50		
	per test	y. Mammaglobin	50		
	per test	z. TTF-1	50		
	per test	aa. Napsin A (MRQ)	50		
	per test	bb. Napsin A (polyclonal)	50		
	per test	cc. Thyroglobulin	50		
10	unit	<b>Fully Automated Analyzer For Transfusion Transmissible Infection using Enzyme linked Immunosorbent Assay Principle (ELISA)</b>	<b>1</b>	<b>10,472,000.00</b>	
		<b>Specifications:</b> 1. Microplate processor for automated, microplate-based EIA testing 2. Fully Automated:			

		<ul style="list-style-type: none"> <li>* Allows continuous loading of samples, reagents and microplates</li> <li>* Performs plate dilution and distributes primary samples and reagents</li> <li>* Capable of testing five (5) Transfusion Transmissible Infection assay</li> <li>* Sensor for primary samples and reagents level</li> <li>* Pipetting System</li> <li>* Wash System that has independent aspiration and dispense cycles</li> <li>* Microplates transport system between workstations</li> <li>* Multiple independent temperature-controlled incubators, ambient light protected incubators and wash buffers.</li> <li>* Reagent lot and expiration management system with capability of reading the barcode of tie up reagents.</li> </ul>			
		<ul style="list-style-type: none"> <li>* Strip Verification before a run.</li> </ul> <p>3. Capacity:</p> <ul style="list-style-type: none"> <li>* More than 150 primary sample tubes at a time</li> <li>* Can hold more than 450 pipette tips</li> <li>* Can hold more than 250 pre-dilution samples</li> </ul> <p>4. Processing Precision: &lt;3% CV at 100uL</p>			
	per test	<p>5. Processing Accuracy: &lt;5% at 100uL</p> <p>6. reading Range: 0-3.5OD</p> <p>7. reading Linearity (0-2.0 OD) 2.5%</p> <p>8. Reading Precision (0-2.0 OD) 2.5%</p> <p>9. Incubator Precision of 1.4°C and accuracy of 1.0 °C</p> <p>10. Monitoring System for pipetting, volume, air bubbles, foal and clots include air-pressure, <u>capacitive</u> and colorimetric detection system.</p> <p>11. Disposable pipette tips</p> <p>12. Multitasking software and bidirectional functionality- computer interface.</p> <p>13. System can centralize results management and may be connected to the laboratory information system.</p> <p>14. Must be included in the list of test kits as to the guidelines for the <u>referral</u> blood sample for confirmatory set by NRL-NVBSP (Dept. Circular No. 2012-0198)</p> <p>15. with Valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation from STD AIDS Cooperative Central Laboratory (SACCL)</p> <p>16. Must conduct a QUARTERLY PREVENTIVE MAINTENANCE and semi-ANNUAL CALIBRATION.</p> <p>17. All reagents should be compatible with the tie-up EIA Analyzer and should include controls, calibrators and other accessories in 1 kit.</p> <p>With a maximum <b>10,472,000.00</b> worth of reagents and consumables equivalent to the number of tests listed below or as determined by the end user:</p>	HBsAg	8500	

	per test	Syphilis (Anti-Treponema)	8000		
	per test	Malaria	8000		
	per test	HIV Ag/Ab	8000		
	per test	HCV Ag/Ab	8000		
11		<b>Fully Automated Analyzer For Transfusion Transmissible Infection using Chemiluminescence Immunoassay (CLIA)</b>	<b>1</b>	<b>7,545,000.00</b>	
		Specifications: Throughput: More than 100 test/hour Sample volume: 10-50uL Turn Around Time: less than 30 minutes Data Storage: 50,000-100,000 sample results  Minimum parameters available: Transfusion Transmissible Infections (HbsAg, HIV, HCV, Syphilis)  Optional Additional Parameters: a. Thyroid Function Tests b. Tumor markers			
		c. Hepatitis Panel Sample Load capacity: 50-100 samples Reagent Capacity: Up to 25 refrigerated positions Continuous Reagent loading System LIS ready, Bi-directional Interface Reagents on-board stability: up to 30 days  With Valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation from STD AIDS Cooperative <b>Central</b> Laboratory (SACCL)  With a maximum <b>7,545,000.00</b> worth of reagents and consumables equivalent to the number of tests listed below or as determined by the end user:			
	per test	HBsAg	8,500		
	per test	Syphilis TP	8,000		
	per test	Anti-HCV	8,000		
	per test	HIV Ag/Ab Combo	8,000		
13		<b>Fully Automated Urine Analyzer with Body Fluid</b>		<b>3,000,000.00</b>	
		Specifications: * Fluorescence Flow Cytometry with Blue Semiconductor Laser  * Parameters: RBC,(RBC NonLysed) WBC ,( WBC clumps),Epithelial Cells (EC),(Squamous EC, Non-squamous EC,Transitional EC, Renal Tubular EC),Casts			
		* Flagging Parameters: Pathological cast, Hyaline cast, Yeasts, Crystals, Sperm, Mucus  * Additional information: RBC information, UTI information And Conductivity can be configured to display report in both uL and conventional with histogram and scattergram  * Sample Volume: STAT mode <b>up to 1ml</b> , sampler mode <b>up to 2ml</b>  * Quality control: 2 level control material in lower and higher pathological range			

	per test	<p>* Body Fluid Parameters: RBC,WBC, Epithelial Cells, Bacteria, PMNs, MNs and Total Nucleated cells</p> <p>* With sampler and barcode reader for complete walk away</p> <p>* Interfaces: LIS connectivity, Host (Ethernet or serial), Graphic and/or line printer USB, Barcode Scanner (USB)</p> <p>* Will provide free monthly Preventive Maintenance and semi-annually to quarterly Calibration.</p> <p>* Will Provide Brand New Air conditioning unit.</p> <p>Routine Urinalysis</p>	50,000		
14		<b>Automated Strip Analyzer for Routine Urinalysis</b>		375,000.00	
	<b>Per test</b>	<ul style="list-style-type: none"> <li>• 10 Parameters test for chemical properties of human urine sample</li> <li>• ISO certified</li> <li>• Specificity: Specific for human urine sample</li> </ul> <p>Parameters: Glucose, Protein, Ketones, Specific gravity (1.000-1.030), pH (pH values within the range of 5-9)</p> <p>Blood, Nitrite, Leukocytes, Bilirubin, Urobilinogen</p> <ul style="list-style-type: none"> <li>• 2 Level control kit (normal and abnormal values)</li> <li>• Analyzer throughput at least 500 tests/hour and 7 seconds per test</li> <li>• Prints result in Conventional, SI units using an integrated internal or external printer.</li> <li>• Automatic calibration, self-test capability and touch screen LCD for easy operation.</li> <li>• Will provide free monthly Preventive Maintenance and semi-annually to quarterly Calibration..</li> <li>• Quality control: 2 level control material in lower and higher pathological range</li> </ul> <p><b><u>Routine Urinalysis (Physical Properties)</u></b></p>	50,000		
15		<b>Fully Automated Stool Analyzer (Free Use of Machine)</b>		2,000,000.00	
		<p><b>Specifications:</b></p> <p><b>Principle:</b> Intelligent Technology, Automatic Microscopic Imaging Technology and computer graphics recognition Technology used in detection of stool sample</p>			
		<p><b>Application Scope:</b> Applicable to automatic detection of <b>stool</b> sample character and visible components (routine stool), FOB, TF, Rv, ADV, HP, CALP, and other automatic detection.</p> <p><b>Throughput:</b> More than 60 samples/hour and more than 120 tests/hour</p> <p>Sedimentation filtration, moderate concentration of visible components including parasite egg</p> <p>LED lighting, CMOS digital camera, clear image, no shadow, no reflection, color and characters, auxiliary automatic interpretation.</p> <p>Automatic switching of low power lens (10x) and high power lens (40x)</p>			

		<p>Sample suction needle up through quantitative sampling, sampling quantity of 800uL, column isolation sandwich suctioning, sample suction needle spring cleaning</p> <p>Automatic switching of low power lens (10x) and high power lens ( 40x)</p> <p>Quantitative dropping 100uL sample, automatic cleaning of emitter and pipeline</p> <p>12 incubation disc, the sample incubation time after dropping</p> <p>Waste kits are automatically pushed into the waste bin with seal recycling.</p>			
	Per test	<b>Stool analysis with Occult blood</b>	10,000		
All other items in the <b>Technical Specifications</b> remain the same.					

For guidance and information of all concerned:

SGD. ERIC J. MONTERO, MD  
Chairman, Bids and Awards Committee