



Republikang Pilipinas  
Kagawaran ng Kalusugan  
Panlabas ng Pagpapaganap  
Pampurok ng Tanggapan ng Pangkalusugan Bldg. 6  
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## BIDS AND AWARDS COMMITTEE

### SUPPLEMENTAL/BID BULLETIN

#### Addendum No. 1

(Procurement of Various Laboratory Supplies, Reagents and Consumables  
with Free Use of Machine for CY 2019)

This Addendum No. 1 dated February 27, 2019 is issued to clarify concerns and amend items in the Special Conditions of Contract and Technical Specifications for the aforementioned project on March 6, 2019.

### Special Conditions of Contract

| <b>ORIGINAL</b>   | <b>AMENDED</b>  |
|---|---|
| <p>6.2 <u>Scope of the Contract</u></p> <p><i>Contract for the Laboratory Goods for Line and Lot Items only is One (1) Year subject to the semi-annual evaluation of the Property and Supply Office based on the following criteria; (a) The Quality of goods (b) Efficiency in the delivery of goods, and the (c) Effectiveness in the Maintenance of the Equipment (d) Machine performance (e) Response time to emergency calls.</i></p> <p><i>Brand new unit, with Onsite calibration and validation with certificate of conformity.</i></p> <p><i>Free quarterly preventive and corrective maintenance and semi-annual Calibration schedule</i></p> <p><i>With available technical support personnel for corrective and preventive maintenance within 24-48 hours.</i></p> <p><i>Machines / analyzers must be provided with Uninterrupted Power Supply (UPS) compatible with the machine and with power surge protection or Automatic</i></p> | <p>6.2 <u>Scope of the Contract</u></p> <p><i>Contract for the Laboratory Goods for Line and Lot Items only is One (1) Year subject to the semi-annual evaluation of the Property and Supply Office based on the following criteria; (a) The Quality of goods (b) Efficiency in the delivery of goods, and the (c) Effectiveness in the Maintenance of the Equipment (d) Machine performance (e) Response time to emergency calls.</i></p> <p><i>Brand new unit, with Onsite calibration and validation with certificate of conformity.</i></p> <p><i>Free quarterly preventive and corrective maintenance and semi-annual Calibration schedule</i></p> <p><i>With available technical support personnel for corrective and preventive maintenance within 24-48 hours.</i></p> <p><i>Machines / analyzers must be provided with Uninterrupted Power Supply (UPS) compatible with the machine and with power surge protection or Automatic</i></p> |

|  |   |
|--|---|
| <p><i>Voltage Regulator (AVR)</i></p> <p><i>Provides Operation and maintenance training for End-Users with certificate.</i></p> <p><i>That in case of breakdown of the service unit and there is a need to send out, the cost shall be charged to the supplier.</i></p> <p><i>Sample for evaluation shall be delivered upon the request of the End User not more than three (3) calendar days from the issuance of the request. Failure to provide the sample for evaluation within the prescribe period of Three (3) calendar days will be grounds for declaring the offer as non-responsive.</i></p> <p><i>Expiry of line items shall be at least eighteen (18) months from delivery.</i></p> <p><i>Machine should be compatible with the existing Laboratory Information System (LIS) of the hospital which is capable of a ten (10) digit number bar code.</i></p> | <p><i>Voltage Regulator (AVR)</i></p> <p><i>Provides Operation and maintenance training for End-Users with certificate.</i></p> <p><i>That in case of breakdown of the service unit and there is a need to send out, the cost shall be charged to the supplier.</i></p> <p><i>Sample for evaluation shall be delivered upon the request of the End User not more than three (3) calendar days from the issuance of the request. Failure to provide the sample for evaluation within the prescribe period of Three (3) calendar days will be grounds for declaring the offer as non-responsive.</i></p> <p><i>Expiry of line items shall be at least eighteen (18) months from delivery.</i></p> <p><i>Machine should be compatible with the existing Laboratory Information System (LIS) of the hospital which is capable of a ten (10) digit number bar code.</i></p> <p><b><u>Bidder for lot items in consumables with free use of machine shall provide ink for their printers within the contract period.</u></b></p> |
| All other items in the <b>Special Conditions of Contract</b> remain the same.  |   |

## Technical Specifications

**ORIGINAL**

### I. LINE ITEMS

| Item # | Item Description  | Unit     | Quantity | ABC/Unit  | Total ABC    | Statement of Compliance |
|--------|---|----------|----------|-----------|--------------|-------------------------|
| 1      | Anti HAV IgG/IgM, Qualitative   | per test | 1000     | 300.00    | 300,000.00   |                         |
| 2      | Anti -HBs,Qualitative   | per test | 500      | 120.00    | 60,000.00    |                         |
| 3      | Anti -HCV, multidevice  | per test | 2500     | 150.00    | 375,000.00   |                         |
| 4      | Anti-Treponema Pallidum, multidevice, at least 99.7% Sensitivity and 100% Specificity           | per test | 15000    | 70.00     | 1,050,000.00 |                         |
| 5      | sLE /ANA Test   | per test | 300      | 100.00    | 30,000.00    |                         |
| 6      | H. Pylori Antibody Test, Qualitative  | per test | 1500     | 200.00    | 300,000.00   |                         |
| 7      | HBsAg, multidevice  | per test | 20000    | 50.00     | 1,000,000.00 |                         |
| 8      | Leptospira IgG/IgM, Qualitative   | per test | 1000     | 280.00    | 280,000.00   |                         |
| 9      | Pregnancy Test Combo (Urine/ Serum)   | per test | 2000     | 55.00     | 110,000.00   |                         |
| 10     | Salmonella Typhi IgG/IgM  | per test | 1000     | 300.00    | 300,000.00   |                         |
|        | <b>Sub-National Laboratory</b>  |          |          |           |              |                         |
| 11     | Viral RNA Extraction kit, 250 reactions per kit, 250 QIAmp mini spin- column, with RNA carrier, | kit      | 10       | 80,000.00 | 800,000.00   |                         |

|    |  |           |       |           |              |  |
|----|--|-----------|-------|-----------|--------------|--|
|    | collection tubes (2ml) and RNase-free buffers  |           |       |           |              |  |
| 12 | Dengue Duo NS1+ Ab Combo   | per test  | 10000 | 750.00    | 7,500,000.00 |  |
|    | <b>Microbiology</b>  |           |       |           |              |  |
| 13 | Acid Fast Bacilli stain set (Prepared), 4 bottles of 500ml/set   | set       | 26    | 2,500.00  | 65,000.00    |  |
| 14 | Gram's stain set (Prepared), 4 bottles of 500ml/set  | set       | 30    | 1,500.00  | 45,000.00    |  |
| 15 | Bacitracin Chocolate Agar 10 pcs/pack (prepared plated media)  | pack      | 50    | 1,500.00  | 75,000.00    |  |
| 16 | Bile Esculin agar 10 pcs/pack (prepared plated media)  | pack      | 10    | 1,000.00  | 10,000.00    |  |
| 17 | Blood Agar 10 pcs/pack (prepared plated media)   | pack      | 1000  | 520.00    | 520,000.00   |  |
| 18 | Chocolate Agar 10 pcs/pack (prepared plated media)   | pack      | 300   | 1,500.00  | 450,000.00   |  |
| 19 | Gentamicin Blood Agar 10pcs/pack (prepared plated media)   | pack      | 50    | 1,500.00  | 75,000.00    |  |
| 20 | Loeffler Medium, 16x100mm tube, 5.5ml slant 20 tubes/box   | box       | 3     | 6,000.00  | 18,000.00    |  |
| 21 | Methyl Red Voges Proskauer (MRVP) powder,500gms/bottle   | bottle    | 2     | 6,000.00  | 12,000.00    |  |
| 22 | Cryo tube 2ml, Self standing, Cap with inner screw, sterilized, 500 tubes/bag                                | bag       | 1     | 2,500.00  | 2,500.00     |  |
| 23 | Cryo Tube Box for 40 tubes, 2 mL, (per 1 piece)  | piece     | 15    | 768.00    | 11,520.00    |  |
| 24 | Inoculating loops 1ul, sterile individually wrapped 500's/pack; 10packs/box                                  | box       | 2     | 16,600.00 | 33,200.00    |  |
| 25 | CO2 tank 22-25 liters  | tank      | 4     | 20,000.00 | 80,000.00    |  |
| 26 | 0/129 disks  | cartridge | 5     | 450.00    | 2,250.00     |  |
| 27 | Cefoxitin antibiotic disks 30 mcg/cartridge,50's   | cartridge | 30    | 210.00    | 6,300.00     |  |
| 28 | M.I.C Evaluator strips Erythromycin 10strips/pack  | cartridge | 5     | 6,480.00  | 32,400.00    |  |
| 29 | M.I.C. Evaluator strips Imepenem 10 strips/pack  | cartridge | 5     | 2,500.00  | 32,400.00    |  |
| 30 | M.I.C. Evaluator strips Meropenem 10 strips/pack   | cartridge | 5     | 1,200.00  | 32,400.00    |  |
| 31 | M.I.C Evaluator strips Oxacillin 10 strips/pack  | cartridge | 5     | 250.00    | 32,400.00    |  |
| 32 | M.I.C. Evaluator strips Penicillin 10 strips/pack  | cartridge | 5     | 300.00    | 32,400.00    |  |
| 33 | Novobiocin antibiotic disks 5 mcg/cartridge  | cartridge | 30    | 300.00    | 6,300.00     |  |
| 34 | M.I.C. Evaluator strips Vancomycin 10 strips/pack  | cartridge | 5     | 500.00    | 32,400.00    |  |
| 35 | Nitrocefin disk for Beta-lactamase test/25strips   | cartridge | 5     | 500.00    | 25,000.00    |  |
| 36 | Taxo P for Optochin test antibiotic disks /cartridge,50's  | cartridge | 5     | 840       | 3,750.00     |  |
| 37 | Taxo A disk for Bacitracin test 0.04 U / cartridge, 50's   | cartridge | 5     | 210       | 1,050.00     |  |
| 38 | Taxo N for Oxidase test antibiotic disks / cartridge,50's  | cartridge | 5     | 210       | 1,050.00     |  |
| 39 | V factor disks/cartridge,50's/ cartridge   | cartridge | 5     | 8,500.00  | 3,750.00     |  |
| 40 | X factor disks/cartridge,50's/cartridge  | cartridge | 5     | 8,500.00  | 3,750.00     |  |
| 41 | XV factor disks/cartridge,50's/cartridge   | cartridge | 5     | 750.00    | 3,750.00     |  |
| 42 | 4-(Dimethylamino)-benzaldehyde, 98% assay; powder 100g/bottle  | bottle    | 1     | 6,000.00  | 6,000.00     |  |
| 43 | Sterile 10ul & 1uL inoculation loop individually wrapped (10uL on one end, 1uL on the other end), 500's/pack | pack      | 30    | 10,000.00 | 300,000.00   |  |
|    | <b>Chemistry</b>   |           |       |           |              |  |
| 44 | 75g OGTT Bottle  | Bottle    | 150   | 150.00    | 22,500.00    |  |
| 45 | 50g OGTT Bottle  | Bottle    | 50    | 150.00    | 7,500.00     |  |
| 46 | 100g OGTT Bottle   | Bottle    | 50    | 150.00    | 7,500.00     |  |
| 46 | Serum Separator plastic tube 4ml Z serum Clot activator, 13x75mm tube, redtop with yellow ring, 100's/pack   | Pack      | 3500  | 850.00    | 2,975,000.00 |  |
|    | <b>Clinical Microscopy</b>   |           |       |           |              |  |

|    |  |        |       |            |              |  |
|----|--|--------|-------|------------|--------------|--|
| 47 | Ammonium Sulfate, AR, 500gms/bottle  | Bottle | 10    | 1,500.00   | 15,000.00    |  |
| 48 | Sodium Nitroprusside, dihydrate, reagent grade, 100gms/bottle  | Bottle | 3     | 2,300.00   | 6,900.00     |  |
| 49 | Applicator Stick, 100's  | Box    | 100   | 200.00     | 20,000.00    |  |
| 50 | Test tubes high quality, 16x100mm, 50's  | Box    | 12    | 750.00     | 9,000.00     |  |
| 51 | Thermal Paper, 57x30mm   | roll   | 120   | 35.00      | 4,200.00     |  |
| 52 | Human Occult Blood in Feces, ISO certified Rapid Test, 25T   | Box    | 10    | 2,600.00   | 26,000.00    |  |
|    | <b>Drug Testing Laboratory</b>   |        |       |            |              |  |
| 53 | Polyethylene Bottle, 60ml, screw-capped  | piece  | 3,500 | 7.00       | 24,500.00    |  |
|    | <b>Hematology</b>  |        |       |            |              |  |
| 54 | EDTAK2 100's- plastic 13x 75 ml spray, dried K2EDTA.   | pack   | 2,000 | 660.00     | 1,320,000.00 |  |
| 55 | Sodium Citrate 1.8 ml (3.2%) -plastic full, draw tube 13x 75 , 1.8 ml, 3.2 % Buffered, Sodium Citrate (1.109m) with tube in tube, technology.  | pack   | 300   | 950.00     | 285,000.00   |  |
| 56 | EDTAK2 for PEDIA- 100's with 0.25/0.50, ml mark or calibration, plastic.   | pack   | 600   | 880.00     | 528,000.00   |  |
| 57 | Barcode label with ribbon for test tubes, 2,750 labels/roll, for WEBLIS barcode, printer, Laboratory LIS.  | pack   | 600   | 1,100.00   | 660,000.00   |  |
| 58 | Triple distilled water 10 X 1L   | Box    | 50    | 900.00     | 45,000.00    |  |
| 59 | Multiple Sample Needle with clear hub, 22G, 50's/box, latex free multi-sample, needle with viewing chamber. Must be compatible with the quick release holder presently used in the laboratory. | Box    | 1,500 | 660.00     | 990,000.00   |  |
| 60 | Quick Release Holder- 20's multi-sample , needle with push release button.   |        | 100   | 1,200.00   | 120,000.00   |  |
| 61 | Blood lancet 200's/ box- large needle, lancet w/ lancing device.   | Box    | 300   | 660.00     | 198,000.00   |  |
|    | <b>Histopathology</b>  |        |       |            |              |  |
| 62 | Hydrochloric Acid, conc, 2.5L  | Bottle | 2     | 5,000.00   | 10,000.00    |  |
| 63 | Ammonia Solution, conc 2.5L  | Bottle | 2     | 1,800.00   | 3,600.00     |  |
| 64 | Coverglass, 22x22 mm, clear 200's  | Box    | 550   | 250.00     | 137,500.00   |  |
| 65 | Coverglass, 22x56 mm, clear 100's  | Box    | 550   | 380.00     | 209,000.00   |  |
| 66 | Cytological std. Stain accdg to Szezepanick, 6x500 ml  | Set    | 8     | 20,000.00  | 160,000.00   |  |
| 67 | Eosin powder, 25.0 gms   | Bottle | 8     | 1,500.00   | 12,000.00    |  |
| 68 | Ethyl alcohol, Ar gr 4L  | Bottle | 468   | 2,600.00   | 1,216,800.00 |  |
| 69 | Formaldehyde solution, conc. Min 37% 4L  | Bottle | 200   | 1,900.00   | 380,000.00   |  |
| 70 | Glass marking pencil, diamond tip  | Piece  | 2     | 500.00     | 1,000.00     |  |
| 71 | Harris Hematoxylin, prepared 500mL   | Bottle | 24    | 6,500.00   | 156,000.00   |  |
| 72 | Microtome Blade, R35, stainless, low profile, 50's   | Box    | 100   | 8,000.00   | 800,000.00   |  |
| 73 | Mounting media, 500 mL   | Bottle | 13    | 5,000.00   | 65,000.00    |  |
| 74 | Xylene, AR grade, 4L   | Bottle | 382   | 5,000.00   | 1,910,000.00 |  |
| 75 | Microscope glass slides, frosted one end, clear, 72's  | Box    | 1000  | 100.00     | 100,000.00   |  |
| 76 | Neutral buffered formalin, 1 gal   | Bottle | 60    | 3,000.00   | 180,000.00   |  |
| 77 | Freezing spray, 10 oz  | Can    | 8     | 5,000.00   | 40,000.00    |  |
| 78 | Embedding medium (frozen section), 125 ml  | Bottle | 8     | 4,500.00   | 36,000.00    |  |
| 79 | Nitric acid, conc. 2.5 mL  | Bottle | 2     | 1,800.00   | 3,600.00     |  |
| 80 | Gauze, non sterile, 4x4 in, 8 ply 100's/pk   | Pack   | 150   | 260.00     | 39,000.00    |  |
| 81 | Paraffin wax pellets, 56°C melt.pt   | Pack   | 1,140 | 1,000.00   | 1,140,000.00 |  |
| 82 | <b>Visualization Kit, which includes:</b><br>1. Peroxidase blocking reagent  | Kit    | 1     | 158,000.00 | 158,000.00   |  |

|     |  |          |       |           |              |  |
|-----|--|----------|-------|-----------|--------------|--|
|     | 2. HRP<br>3. DAB+ Chromogen<br>4. Substrate Buffer<br>5. Target retrieval solution, high ph  |          |       |           |              |  |
| 83  | Monoclonal Rabbit anti human estrogen receptor, 6 mL   | Vial     | 2     | 19,000.00 | 38,000.00    |  |
| 84  | Monoclonal mouse anti human progesterone receptor, 6 mL  | Vial     | 2     | 19,000.00 | 38,000.00    |  |
| 85  | IHC microscope slides, 100's   | Box      | 6     | 7,000.00  | 42,000.00    |  |
|     | HER 2, Immunocytochemical assay Kit (FDA approved)<br>Which includes:<br>1. Peroxidase blocking reagent<br>2. Rabbit anti human her2 protein<br>3. Visualization reagent<br>4. Negative control reagent<br>5. DAB buffer substrate<br>6. DAB chromogen<br>7. Epitope retrieval solution<br>8. Wash buffer  | Kit      | 1     | 84,000.00 | 84,000.00    |  |
| 86  | <b>Blood Bank</b>  |          |       |           |              |  |
| 87  | Antibody Enhancement Solution, ( longer expiry)  | Vial     | 100   | 900.00    | 90,000.00    |  |
| 88  | Anti-D, (longer expiry, end-user to evaluate potency)  | Vial     | 500   | 800.00    | 400,000.00   |  |
| 89  | Typing Sera A & B, (longer expiry, end-user to evaluate potency)   | Set      | 720   | 800.00    | 576,000.00   |  |
| 90  | HIV 1/2 Rapid Test kit, 30's   | Box      | 20    | 15,000.00 | 300,000.00   |  |
| 91  | <b>CD4 Cartridge, for Absolute Count only</b> , detects as low as 3 cells/uL, with free pima bead control , with free thermal paper  | per test | 1400  | 1,650.00  | 2,310,000.00 |  |
| 92  | <b>CD4 Cartridge , can detect CD4 Absolute Count,CD4%,Hemoglobin Determination</b> , with free multicheck every 500 test, with free thermal paper, compatible with existing BDFacpresto machine.   | per test | 1000  | 1,400.00  | 1,400,000.00 |  |
|     | Malaria Ag, Pf/Pan, Immunochromatography, with free third party control for every 2,000 test ( rapid, qualitative, two site sandwich immunoassay utilizing whole blood for the detection of P. falcifarum specific histidine rich protein-2 (Pf.HRP-2) and Pan malaria specific pLDH.  | per test | 10100 | 150.00    | 1,515,000.00 |  |
| 93  | <b>B. SUPPLIES</b>   |          |       |           |              |  |
| 94  | Blood Collecting Tubes,Plain, Glass, Red Top,5ml, 13 x 75 mm, 100's with wide writing area.  | pack     | 300   | 700       | 210,000.00   |  |
| 95  | Hemoglobinometer Cuvette, 50's compatible with existing Hemoglobin Photometer ( Hemo Point ), with free Optics Cleaner for every 100 canisters), for quantitative determination of hemoglobin, with slot at the rear of the sample that allows trapped air to escape, round tip and wide opening for sample uptake, users can hold the cuvette at any angle to the blood droplet, dessicant conveniently integrated in canister. | canister | 360   | 2,000.00  | 720,000.00   |  |
| 96  | Bacterial Inhibitor (for Plama Thawer use)   | bottle   | 4     | 5,000.00  | 20,000.00    |  |
| 97  | Plasma Overwrap, 250's /pack, compatible with existing Helmer Plasma Thawer  | pack     | 10    | 6,000.00  | 60,000.00    |  |
| 98  | Gel and Clot activator tube, plastic, 5 ml capacity,50's   | pack     | 15    | 700.00    | 10,500.00    |  |
| 99  | Transfer Pipets, plastic,3 ml capacity, with graduation, 500's   | pack     | 10    | 1,500.00  | 15,000.00    |  |
| 100 | Cryovial Storage boxes, 9x9 grid, holds 81 cryogenic vials, 1.2 to 2.0 ml cryovial, assorted color   | piece    | 10    | 900.00    | 9,000.00     |  |
|     | Cryovial Storage boxes, 5x5 grid, holds 25 cryogenic vials, 1.2 to 2.0ml cryovial, assorted color  | piece    | 10    | 800.00    | 8,000.00     |  |



|   |   |  |   |  |              |  |
|---|---|--|---|--|--------------|--|
|   | D-Dimer   |  |   |  |              |  |
| 3 | <b>Immunology Analyzer</b><br>Specifications:<br>Principle: <b>Chemiluminescence Assay</b><br>Throughput: 90-100 tests per hour<br>Sample Volume: 10-100uL<br>Complete parameters for Hepatitis Profile Test with Certificate of Registration<br>Simple to use with continuous, STAT and random access testing<br>Sample capacity: 50-80 samples<br>No other preparations for reagents like mixing and reconstitution needed.<br>Capable of detecting Clots, bubbles and short sample.<br>Less and easy maintenance<br><b>Hepatitis Panel:</b><br>Anti-HBs<br>HBeAg<br>Anti-Hbe<br>Anti-HBc<br>Anti-HAV IgM<br><b>Thyroid Function Tests:</b><br>FT3<br>FT4<br>T3<br>T4<br>TSH<br><b>Tumor Markers:</b><br>AFP<br>HCG<br>CEA<br>CA19-9<br>CA15-3<br>CA125<br>PSA<br><b>Reproductive Function Tests</b><br>Testosterone<br>Progesteron<br>FSH<br><b>Cardiac Function Tests</b><br>Troponin I | Per test<br>Per test<br>Per test<br>Per test<br>Per test<br><br>Per test<br>Per test<br>Per test<br>Per test<br>Per test<br><br>Per test<br>Per test<br>Per test<br>Per test<br>Per test<br><br>Per test<br>Per test<br>Per test<br>Per test<br>Per test<br><br>Per test<br>Per test<br>Per test<br><br>Per test | 1000<br>200<br>200<br>200<br>300<br><br>1500<br>1500<br>1500<br>1500<br>3000<br><br>500<br>1500<br>700<br>500<br>300<br>500<br>700<br><br>200<br>200<br>400<br><br>1000 |  | 5,903,000.00 |  |
| 4 | <b>ANTIBIOTICS: TESTING FOR MANUAL SENSITIVITY</b><br>1. Amikacin antibiotic disks 30 mcg / cartridge, 50's<br>2. Amoxicillin Clavulanic acid antibiotic disks 30mcg /cartridge,50's<br>3. Ampicillin antibiotic disks10mcg / cartridge, 50's<br>4. Ampicillin Sulbactam antibiotic disks 10/10mcg /cartridge,50's<br>5. Azithromycin antibiotic disks 15 mcg / cartridge,50's<br>6. Aztreonam antibiotic disks 30 mcg /cartridge,50's<br>7. Cefaclor antibiotic disks 30 mcg /cartridge,50's<br>8. Cefazolin antibiotic disks 30 mcg/cartridge,50's<br>9. Cefepime antibiotic disks 30 mcg/cartridge,50's  | cartridge<br>cartridge<br>cartridge<br>cartridge<br>cartridge<br>cartridge<br>cartridge<br>cartridge<br>cartridge  | 30<br>30<br>30<br>30<br>20<br>30<br>5<br>30<br>30   |  | 353,180.00   |  |

|                              |                                     |            |          |           |    |  |  |
|------------------------------|-------------------------------------|------------|----------|-----------|----|--|--|
| 10. Cefixime                 | antibiotic                          | disks      | 5        | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 11. Cefotaxime               | antibiotic                          | disks      | 30       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 12. Ceftazidime              | antibiotic                          | disks      | 30       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 13. Ceftriaxone              | antibiotic                          | disks      | 30       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 14. Cefuroxime               | antibiotic                          | disks      | 30 mcg / | cartridge | 30 |  |  |
| cartridge,50's               |                                     |            |          |           |    |  |  |
| 15. Chloramphenicol          | antibiotic                          | disks      |          | cartridge | 30 |  |  |
| 30mcg /cartridge,50's        |                                     |            |          |           |    |  |  |
| 16. Ciprofloxacin            | antibiotic                          | disks      | 5 mcg /  | cartridge | 30 |  |  |
| cartridge,50's               |                                     |            |          |           |    |  |  |
| 17. Clindamycin              | antibiotic                          | disks      | 5        | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 18. Co-Trimoxazole           | (Trimethoprim/<br>Sulfamethoxazole) | antibiotic | disks 5  | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 19. Ertapenem                | antibiotic                          | disks,     | 10mcg/   | cartridge | 30 |  |  |
| cartridge, 50's              |                                     |            |          |           |    |  |  |
| 20. Erythromycin             | antibiotic                          | disks      | 15       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 21. Gentamicin               | antibiotic                          | disks      | 10       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 22. Gentamicin               | antibiotic                          | disks      | 120      | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 23. Imepenem                 | antibiotic                          | disks      | 10       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 24. Levofloxacin             | antibiotic                          | disks      | 5        | cartridge | 20 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 25. Linezolid                | antibiotic                          | disks      | 30       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 26. Meropenem                | antibiotic                          | disks      | 10       | cartridge | 20 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 27. Minocycline              | antibiotic                          | disks      | 30       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 28. Nalidixic acid           | antibiotic                          | disks      |          | cartridge | 30 |  |  |
| 30mcg/cartridge,50's         |                                     |            |          |           |    |  |  |
| 29. Nitrofurantoin           | antibiotic                          | disks      |          | cartridge | 30 |  |  |
| 300mcg/cartridge,50's        |                                     |            |          |           |    |  |  |
| 30. Norfloxacin              | antibiotic                          | disks      | 10       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 31. Ofloxacin                | antibiotic                          | disks      | 5        | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 32. Oxacillin                | antibiotic                          | disks      | 1        | cartridge | 20 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 33. Penicillin-G             | antibiotic                          | disks      | 10       | cartridge | 20 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 34. Piperacillin             | antibiotic                          | disk       |          | cartridge | 30 |  |  |
| 100mcg/cartridge,50's        |                                     |            |          |           |    |  |  |
| 35. Piperacillin/ Tazobactam | antibiotic                          | disks      |          | cartridge | 30 |  |  |
| 100/10 mcg/cartridge,50's    |                                     |            |          |           |    |  |  |
| 36. Polymixin B              | antibiotic                          | disks      | 300      | cartridge | 20 |  |  |
| units/cartridge,50's         |                                     |            |          |           |    |  |  |
| 37. Rifampin                 | antibiotic                          | disks      | 5        | cartridge | 20 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |
| 38. Streptomycin             | antibiotic                          | disks      |          | cartridge | 5  |  |  |
| 300mcg/cartridge,50's        |                                     |            |          |           |    |  |  |
| 39. Tetracycline             | antibiotic                          | disks      | 30       | cartridge | 30 |  |  |
| mcg/cartridge,50's           |                                     |            |          |           |    |  |  |





|          |  |   |   |  |                     |  |
|----------|--|---|---|--|---------------------|--|
|          | <p>Heamophilus, 20cards/pack</p> <p>5. Susceptibility test for Gram Negative bacilli 20cards/pack</p> <p>6. Susceptibility test for Staphylococcus &amp; Enterococcus 20cards/pack</p> <p>7. Susceptibility test for Streptococcus 20cards/pack</p> <p>8. Unsensitized Tubes, 2,000tubes/pack</p> <p>9. Finn Tip (145ul) 96pcs/pack</p> <p>10. Finn Tip (280ul) 96pcs/pack</p> <p>11. 0.45% Saline Solution 500ml/bottle</p> <p>12. Kit Densichek Plus Standards</p> <p>13. Identification for clinical significant yeast, 20cards/box</p> <p>14. Susceptibility test for clinical significant yeast, 20cards/ box</p>   | <p>pack</p> <p>pack</p> <p>pack</p> <p>pack</p> <p>pack</p> <p>pack</p> <p>Bottle</p> <p>pack</p> <p>Box</p> <p>Box</p> | <p>640</p> <p>270</p> <p>5</p> <p>20</p> <p>57</p> <p>135</p> <p>220</p> <p>1</p> <p>15</p> <p>15</p> |  |                     |  |
| <b>6</b> | <p><b>FULLY AUTOMATED MACHINE FOR DETECTION OF BLOOD (BLOOD CULTURE MACHINE)</b></p> <p><b>A. General:</b></p> <ol style="list-style-type: none"> <li>1. Fully Automated Machine.</li> <li>2. Colorimetric Principle with own external sensor. (You can still continue to process existing bottles inside the machine because the bottles has its own external sensor.)</li> <li>3. Microbial detection system for Blood</li> <li>4. Sterility Testing for Blood Banks.</li> <li>5. Can detect Gram Negative, Gram Positive, Yeast and Fungi.</li> <li>6. Uses plastic bottles to avoid accidental breakage</li> <li>7. At least 0.5ml blood volume for Pedia bottles.</li> <li>8. Automatic Quality Control: Each cell is equipped with a patented cell flag to ensure automatic quality control and bottle recognition.</li> <li>9. Calibration stability: automatic self-calibration.</li> <li>10. Proven and tested “worldwide”.</li> <li>11. Complete walk away system. (Load and Go).</li> <li>12. 120-240 test capacity.</li> <li>13. Touch screen monitor</li> <li>14. Controllor Module can accommodate minimum of 6 Incubation Modules = 1,440 tests combined.</li> <li>15. 2 hours earliest detection of pathogenic bacteria.</li> <li>16. Antibiotic Removing Device (ARD) bottles for consumables.</li> <li>17. Standard bottles (with ARD).</li> <li>18. Aerobic bottles</li> <li>19. Anaerobic bottles.</li> <li>20. LIS ready machine.</li> <li>21. With Preventive Maintenance and Calibration Maintenance.</li> <li>22. Availability of Parts: available in minimum quantity based on supplier’s recommendation</li> <li>23. Open for upgrade.</li> <li>24. Low Cost Consumables.</li> </ol> |   |   |  | <b>6,960,000.00</b> |  |

|          |  |          |         |  |                      |  |
|----------|--|----------|---------|--|----------------------|--|
|          | <p>25. Space saving table top design.</p> <p>26. Consumables can still be continued for processing/ incubation in cases of unavoidable circumstances of machine failure.</p> <p>27. Audio and visual alarms for end users.</p> <p>28. Barcode capable.</p> <p><b>B. Technical Specifications:</b><br/>Capacity: 120 Capacity or more</p> <p>1. Blood culture Bottle Plus Aerobic; 100 bottles/box</p> <p>2. Blood culture Bottle Plus Pediatric; 100 bottles/box</p>   | Box      | 36      |  |                      |  |
|          |  | Box      | 84      |  |                      |  |
| <b>7</b> | <p><b>Hemoglobin A1C and Variant Analyzer</b></p> <p>Machine Specifications:</p> <p>Ion exchange HPLC Method (Gold Standard)</p> <p>Fully automated analyzer for Hemoglobin A1C and hemoglobin variants determinations</p> <p>Sample capacity of up to 20 samples with one STAT sample</p> <p>Throughput: up to 35 samples per hours</p> <p>Hgb Variant whole blood HPLC analysis</p>  | Per test | 12000   |  | <b>6,000,000.00</b>  |  |
| <b>8</b> | <p><b>Fully Automated Chemistry Analyzer</b></p> <p><b>TECHNICAL SPECIFICATIONS</b></p> <p>LIS READY, WEBLIS compatible</p> <p><b>Throughput:</b> Not less than 200 tests/hour.</p> <p>60-100 Reagent positions</p> <p>Accommodates up to 100 samples with available position for STAT samples.</p> <p>All sample positions fit 13x75 or 13x100 mm primary and secondary tubes and pediatrics cups</p> <p>All positions can be used for calibrators, controls, normal, pediatrics and STAT samples</p> <p>Up to 500 uL sample volume</p> <p>Must have a test counter available</p> <p>Onboard stability of reagents up to 35 days</p> <p>Integrated Quality control: Westgard or Basic QC rules, levey-Jennings plt, Quality Control statistics</p> <p>With direct LDL measurement</p> <p>ACID PHOSPHATASE</p> <p>ALBUMIN</p> <p>ALKALINE PHOSPHATASE</p> <p>AMYLASE</p> <p>ALT/SGPT</p> <p>AST/SGOT</p> <p>BILIRUBIN DIRECT</p> <p>BILIRUBIN TOTAL</p> <p>CHOLESTEROL</p> <p>CREATININE</p> <p>GAMMA-GT</p> <p>GLUCOSE</p> <p>GLUCOSE BODY FLUIDS</p> <p>HDL-CHOLESTEROL</p> <p>LDH</p> <p>MAGNESIUM</p> <p>TOTAL PROTEIN SERUM</p> | Per test | 100     |  | <b>52,296,500.00</b> |  |
|          |  | Per test | 15,000  |  |                      |  |
|          |  | Per test | 3,000   |  |                      |  |
|          |  | Per test | 3,000   |  |                      |  |
|          |  | Per test | 50,000  |  |                      |  |
|          |  | Per test | 40,000  |  |                      |  |
|          |  | Per test | 5,000   |  |                      |  |
|          |  | Per test | 5,000   |  |                      |  |
|          |  | Per test | 100,000 |  |                      |  |
|          |  | Per test | 200,000 |  |                      |  |
|          |  | Per test | 100     |  |                      |  |
|          |  | Per test | 200,000 |  |                      |  |
|          |  | Per test | 1000    |  |                      |  |
|          |  | Per test | 100,000 |  |                      |  |
|          |  | Per test | 1,500   |  |                      |  |
|          |  | Per test | 5,000   |  |                      |  |
|          |  | Per test | 10,000  |  |                      |  |

|           |   |  |  |  |                      |  |
|-----------|---|--|--|--|----------------------|--|
|           | TOTAL PROTEIN U/CSF<br>TRIGLYCERIDES<br>UREA<br>URIC ACID<br>PHOSPHOROUS<br>AMMONIA   | Per test<br>Per test<br>Per test<br>Per test<br>Per test<br>Per test | 2,500<br>100,000<br>100,000<br>50,000<br>10,000<br>1,000 |  |                      |  |
| <b>9</b>  | <b>ELECTROLYTE MACHINE WITH AUTO-SAMPLER (Na<sup>+</sup>, K<sup>+</sup>, Chloride, Calcium, Ph, Li, Mg)</b><br><b>Technical Specifications:</b><br>LIS Ready, WEBLIS compatible<br>Easy to-use<br>Automatic sampling, washing and calibration<br><b>TOUCH SCREEN</b> , Large LCD display<br>Principle: Direct measurement by Ion Selective Electrode (ISE)<br>Sample: Whole Blood, Serum, Plasma, Diluted Urine<br>Throughput: up to 60 samples/hour<br>Calibration: Automatic<br>Data Storage: up to 500-patient results<br>Free Electrodes<br><b>Na, K, Cl, Ca, PH, Lithium, Magnesium</b>  | Per test   | 150,000  |  | <b>15,000,000.00</b> |  |
| <b>10</b> | <b>REAGENTS FOR MINDRAY <u>BC-6800</u> Machine (Purchased)</b><br><b>CBC REAGENTS</b><br><b>BODY FLUIDS</b><br><b>RETICULOCYTE REAGENTS</b>   | Per test<br>Per test<br>Per test                                     | 130,000<br>600<br>1,500                                  |  | <b>6,732,500.00</b>  |  |
| <b>11</b> | <b>FULLY AUTOMATED HEMATOLOGY ANALYZER WITH RETICULOCYTE COUNT AND BODY FLUID</b><br><b>Specifications:</b><br>Fully automated 6 parts Hematology Analyzer<br>Fluorescence Flow Cytometry using semiconductor laser<br>DC Sheath Flow Detection<br>36 parameters whole blood/PD/low WBC mode<br>WBC, RBC, HBG, HCT, MCV, MCH, MCHC, PLT-1, RDW-CV, P-LCR, PDW, MPV, P-LCR<br>NEUT #, LYMPH #, MONO #, EO #, BASO #, NEUT %, LYMPH %, MONO %, EO %, BASO %, IG#, IG%<br><b>BODY FLUID:</b> WBC-BF, RBC-BF, MN#, PMN#, MN%, PMN%, TC-BF#<br><b>10 OPTIONAL PARAMETERS:</b> RET#, RET%, IRF, LFR, MFR, HFR, RET-HE, PLT-O, IPF#, IPF%<br>70-100 samples per hour<br>2 drawers to allow continuous loading, capacity 20 samples<br>sample aspiration volume of 20-25uL for whole blood/ low WBC mode<br>Body Fluid mode: 70uL or less<br>Tri-level QC for all parameters<br>Bi-level body fluid QC material<br>Minimum Data storage of 100,000 samples including histograms and scattergrams<br>IPU: Built-in, touch screen<br>Additional Features: True 6 parts differential count including immature granulocytes<br>Fully automated Body Fluid analysis, analysis of low WBC samples in L-WBC mode.<br>Analysis of low WBC samples in L-WBC mode |  |  |  | <b>5,030,000.00</b>  |  |

|    |  |                               |                           |  |              |  |
|----|--|-------------------------------|---------------------------|--|--------------|--|
|    | <p>Automated reticulocyte count plus additional parameters:<br/> Reticulated Hemoglobin<br/> Immature reticulocyte fraction<br/> Immature platelet fraction</p> <p>Integrated auto repeat, rerun and reflex of samples<br/> 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<br/> A copy of a define sets of reagents and consumables must be provided. Supplier should submit cycle/test on hematology reagents.<br/> Must interface (bi-directional with existing LIS.<br/> A copy of the defined sets of reagents and consumables must be provided.<br/> Supplier should submit cycle/ test on Hematology reagents.</p> <p><b>CBC REAGENTS</b><br/> <b>BODY FLUID REAGENTS</b></p>  | <p>Per test<br/> Per test</p> | <p>100,000<br/> 600</p>   |  |              |  |
| 12 | <p><b>COAGULATION ANALYZER (FREE USE OF MACHINE WITH BACK UP)</b></p> <p>Fully automated Coagulation Analyzer<br/> <b>Mechanical clot detection principle</b>( Viscosity-based detection system), insensitive to sample or reagent B48 interferences.<br/> At least 95 primary tubes on board with positions for pediatric tubes<br/> At least 19 parameters including PT/ APTT<br/> Main tube sizes accepted including pediatrics and microcontainers.<br/> Can manage/run stat samples even testing is ongoing.<br/> Tests can be added or deleted during an ongoing operation.<br/> Cap piercing option<br/> Positive barcode identification of samples<br/> Automatic pre- dilution of samples<br/> At least 45 positions for different sized vials with at least 5 stirring positions)<br/> Random loading of reagents<br/> Positive barcode identification of calibrators<br/> Automatic pre-dilution of calibrators<br/> Automatic quality control<br/> Roll of at least 1000 optical quality cuvettes with stainless steel ball<br/> Unitary reaction cuvette(1 cuvette= 1 test)<br/> Washing solution on board<br/> Connectable to a biological effluent treatment station<br/> <b>Does not require Pre-calibrated routine and specialized reagents</b><br/> A brilliant interface software where it can immediately detect and alarm users on reagent levels and/or running on incomplete setup of reagents( e. g. running APTT w/o CaCl2).<br/> Provides water bath if needed or a 12 or 24 placer clinical centrifuge, swing type rotor.<br/> <b>PROVIDES MONTHLY PREVENTIVE MAINTENANCE AND TWICE A YEAR CALIBRATION</b><br/> Must interface ( bi-directional) with the existing LIS.</p> <p><b>a. PROTHROMBIN TIME REAGENTS</b><br/> <b>b. ACTIVATED PARTIAL THROMBOPLASTIN TIME</b></p> | <p>Per test<br/> Per test</p> | <p>45,000<br/> 35,000</p> |  | 9,750,000.00 |  |

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| 13 | <p><b>Fully Automated Analyzer For Transfusion Transmissible Infection using Enzyme linked Immunosorbent Assay Principle (ELISA)</b></p> <p><b>Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Microplate processor for automated, microplate-based EIA testing.</li> <li>2. <b>Fully automated:</b><br/>Allows continuous loading of samples, reagents and microplates<br/>Performs plate dilution and distributes primary samples and reagents.<br/>Capable of testing five (5) transfusion Transmissible Infection Assay.<br/>Sensor for primary samples and reagents level<br/>Pipetting System<br/>Wash System that has independent aspiration and dispense cycles.<br/>Microplates transport system between workstations<br/>Multiple independent temperature- controlled incubators, ambient light protected incubators and wash buffers.<br/>Reagent lot and expiration management system with capability of reading the barcode of tie up reagents.</li> <li>3. <b>Capacity:</b><br/>More than 150 primary sample tubes at a time<br/>Can hold more than 450 pipette tips<br/>Can hold more than 250 pre-dilution samples</li> <li>4. Processing Precision:&lt;3% CV at 100 uL</li> <li>5. Processing Accuracy: &lt;5% at 100 uL</li> <li>6. Reading Range: 0-3.5 OD</li> <li>7. Reading Linearity (0-2.0 OD) 2.5%</li> <li>8. Reading Precision (0-2.0 OD) 2.5%</li> <li>9. Incubator Precision of 1.0 °C</li> <li>10. Monitoring System for pipetting, volume, air bubbles, foal and clots include air- pressure, <u>capacitive</u> and colorimetric detection system.</li> <li>11. Disposable pipette tips.</li> <li>12. Multitasking software and bidirectional functionality computer interface.</li> <li>13. System can centralized results management and may be connected to the laboratory information system.</li> <li>14. Must be included in the list of test kit as to the guidelines for the <u>referral</u> blood samples for confirmatory set by NRL-NVBSP (Dept. Circular No. 2012-0198)</li> <li>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)</li> <li>16. Must conduct a QUARTELY PREVENTIVE MAINTENANCE and semi- ANNUAL CALIBRATION.</li> <li>17. All reagents should be compatible with the tie-up EIA Analyzer and should include controls, calibrators and other accessories in 1 kit.</li> </ol> <p>HBsAG<br/>Syphilis (Anti- Treponema)<br/>Malaria<br/>HIV Ag/Ab<br/>HCV Ag/Ab</p> |          |        |  | 13,670,000.00 |
|    |   | Per test | 11,000 |  |               |
|    |   | Per test | 10,000 |  |               |
|    |   | Per test | 10,000 |  |               |
|    |   | Per test | 10,500 |  |               |
|    |   | Per test | 10,500 |  |               |

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|----|---|--|--------------------------------------|--|---------------|--|
| 14 | <p><b>Fully Automated Immunohematology Analyzer</b></p> <p><b>Specifications:</b></p> <p>Column Agglutination Technology Principle<br/>Throughput of more than 50 samples/hours for ABO/Rh grouping and more than 100 samples/hour for antibody screening.<br/>Sample capacity: more than 100 samples<br/>Turn around Time: less than 30 minutes<br/>Capable of testing ABO/Rh Blood grouping, Antibody screening and Crossmatching<br/>Continuous sample and Reagent loading System<br/>Can perform tests at a minimum sample of 50 uL.<br/>Integrated QC module<br/>Compatible with LIS<br/>Provides training to staff and personnel of Blood Bank.</p> <p><b>Blood typing</b><br/><b>Crossmatching with Blood typing</b><br/><b>Antibody Screening</b></p>   | Per test<br>Per test<br>Per test             | 80,000<br>30,000<br>1,000            |  | 32,930,000.00 |  |
| 15 | <p><b>Fully Automated Analyzer for Transfusion Transmissible Infection using Chemiluminescence Microparticle Immunoassay (CMIA)</b></p> <p><b>Specifications:</b></p> <p>Throughput: More than 100 test/hour<br/>Sample Volume: 10-50 uL<br/>Turn Around Time: less than 30 minutes<br/>Data Storage: 50,000-100,000 sample results<br/>Minimum parameters available: Transfusion Transmissible Infections (HBsAg, HIV, HCV, Syphilis)<br/>Optional Additional Parameters:<br/>a. Thyroid Function Tests<br/>b. Tumor Markers<br/>c. Hepatitis Panel<br/>Sample Load capacity: 50-100samples<br/>Reagent Capacity: Up to 25 refrigerated positions<br/>Continuous Reagent Loading System<br/>Reagents on-board stability: up to 30 days<br/>With Valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation form STD AIDS Cooperative Central Laboratory</p> <p>HBsAg<br/>Syphilis TP<br/>Anti-HCV<br/>HIV Ag/Ab Combo</p> | Per test<br>Per test<br>Per test<br>Per test | 11,000<br>10,000<br>10,500<br>11,500 |  | 10,275,000.00 |  |
| 16 | <p><b>Blood Bags</b></p> <p><b>Specifications:</b></p> <p><b>Anticoagulant:</b> Citrate Phosphate Dextrose Adenine -1 (CPDA-1)<br/><b>Plastic Material:</b> Polyvinyl chloride (PVC) with DEHP<br/><b>Surface:</b> Embossed surface to avoid sticking to each other during autoclaving and to improve grip when handling<br/><b>Needle:</b> Triple-bevel-cut needle with an ultra-thin wall design: Reduces the discomfort of venipuncture<br/>Sand-blasted and Silicon-lubricated cannula surface: Minimizes activation of blood components<br/><b>Tubes:</b> Embossed surface with unique sequence of number for identification<br/><b>Presence of Tip Valve:</b> ClickTip is an easy frangible connector opened by a double bend movement with audible "click" confirmation to</p>   |  |                                      |  | 4,775,900.00  |  |





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|----|---|---|--|--|-------------------|--|
|    | bases, alcohols, bleach, detergents, surfactants  |   |  |  |                   |  |
| 18 | <b>Media Reagents for Water Testing</b> <ol style="list-style-type: none"> <li>1. <b>Ammonium Hydroxide, NH<sub>4</sub>OH</b>, 20-22%, 250 mL/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application</li> <li>2. <b>Brilliant-Green 2%- Bile Broth granulated (500 g/bot.)</b>, for the selective enrichment and enumeration of Escherichia coli and other fecal coliform organisms in water by determining the coli titre or by the MPN method. Medium complies with recommendations of the Standards for examination of water and wastewater (1998, the International Organization for Standardization (ISO))(1979) and the DIN Norm 10172. composition: 10.0 peptone; lactose 10.0; ox bile, dried 20.0; brilliant green 0.0133. pH: 7.2 ± 0.2 at 25°C, the prepared broth is clear and green.</li> <li>3. <b>Chloramine Kit with test reagents</b></li> <li>4. <b>Cobalt Chloride hexahydrate, CoCl<sub>2</sub>.6H<sub>2</sub>O</b>, 100g/bot., 100g/bot., ACS reagent grade</li> <li>5. <b>Denatured alcohol (3.785L/gallon)</b></li> <li>6. <b>Hydrochloric acid, HCl, 37%, 250mL/bot.</b>, Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application</li> <li>7. <b>Hydrogen peroxide, H<sub>2</sub>O<sub>2</sub></b>, 30% w/w, 110ml/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application</li> <li>8. <b>Potassium Chloride, KCl</b>, 500g/bot., AR grade</li> <li>9. <b>Potassium Hexachloroplatinate, K<sub>2</sub>PtCl<sub>6</sub></b>, 5g/bot.</li> <li>10. <b>Potassium Permanganate, KMnO<sub>4</sub></b>, 500g/bot., ACS reagent grade, low mercury grade reagent</li> <li>11. <b>Potassium Persulfate, K<sub>2</sub>S<sub>2</sub>O<sub>8</sub></b>, 250g/bot., AR grade, low mercury grade reagent</li> <li>12. <b>Lauryl Sulfate Broth granulated (500 g/bot)</b>, selective culture medium used as a presumptive test for coliform bacteria and for the selective enrichment of coliform organisms in the analysis of water. Medium complies with APHA Recommendations for Water Examination (1998) and the ISO 5541-2 (1996) for milk and milk products. Composition: Tryptose 20.0; lactose 5.0; sodium chloride 5.0; sodium lauryl sulfate 1.0; di-potassium hydrogen phosphate 2.75; potassium dihydrogen phosphate 2.75. pH: 6.8 ±0.2 at 25° C. The prepared broth is clear and yellowish-brown.</li> <li>13. <b>Nitric Acid, HNO<sub>3</sub></b>, 69%, 250mL/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application</li> <li>14. <b>Nutrient Agar (500 g/bot.)</b>, universal culture media for cultivating less fastidious microorganisms. agar corresponds with the recommendations of APHA (1985) for the examination of dairy products. The media comply with the recommendations of the APHA for the examination of foods (1992). Composition: peptone from meat 5.0; meat extract 3.0; agar-agar 12.0. pH: 7.0 ± 0.2 at 25°C</li> <li>15. <b>Residual Chlorine Reagent</b>, pack of 100</li> <li>16. <b>Sodium Chloride, NaCl</b>, 500g/bot., AR grade</li> <li>17. <b>Sodium Metasilicate Nonahydrate</b>, Reagent Grade, 250g/bot.</li> <li>18. <b>Sulfuric Acid, H<sub>2</sub>SO<sub>4</sub></b>, 96%, 250 mL/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application</li> </ol> | Bottle<br><br>Bottle<br><br>Kit<br>Bottle<br>Gallon<br>Bottle<br><br>Bottle<br>Bottle<br>Bottle<br>Bottle<br>Bottle<br>Bottle<br><br>Bottle<br><br>Bottle<br><br>Bottle<br><br>Bottle<br><br>Pack<br>Bottle<br>Bottle<br>Bottle | 6<br><br>10<br><br>1<br>2<br>10<br>5<br><br>10<br>2<br>2<br>2<br>2<br>2<br><br>20<br><br>5<br>5<br><br>10<br>2<br>2<br>5 |  | <b>806,470.00</b> |  |
| 19 | <b>Pipette Tips</b> <ol style="list-style-type: none"> <li>1. Pipette Tips, 1-10uL, bulk, 1,000's/pack</li> <li>2. Pipette Tips, 10-200uL, bulk, 1,000's/pack</li> <li>3. Pipette Tips, 100-1000uL, bulk, 1,000's/pack</li> </ol>   | Pack<br>Pack<br>Pack  | 3<br>23<br>3   |  | <b>29,600.00</b>  |  |

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## AMENDED

### I. LINE ITEMS

| Item # | Item Description  | Unit      | Quantity | ABC/Unit       | Total ABC    | Statement of Compliance |
|--------|---|-----------|----------|----------------|--------------|-------------------------|
| 1      | Anti HAV IgG/IgM, Qualitative   | per test  | 1000     | 300.00         | 300,000.00   |                         |
| 2      | Anti -HBs,Qualitative   | per test  | 500      | 120.00         | 60,000.00    |                         |
| 3      | Anti -HCV, multidevice  | per test  | 2500     | 150.00         | 375,000.00   |                         |
| 4      | Anti-Treponema Pallidum, multidevice, at least 99.7% Sensitivity and 100% Specificity   | per test  | 15000    | 70.00          | 1,050,000.00 |                         |
| 5      | sLE /ANA Test   | per test  | 300      | 100.00         | 30,000.00    |                         |
| 6      | H. Pylori Antibody Test, Qualitative  | per test  | 1500     | 200.00         | 300,000.00   |                         |
| 7      | HBsAg, multidevice  | per test  | 20000    | 50.00          | 1,000,000.00 |                         |
| 8      | Leptospira IgG/IgM, Qualitative   | per test  | 1000     | 280.00         | 280,000.00   |                         |
| 9      | Pregnancy Test Combo (Urine/ Serum)   | per test  | 2000     | 55.00          | 110,000.00   |                         |
| 10     | Salmonella Typhi IgG/IgM  | per test  | 1000     | 300.00         | 300,000.00   |                         |
|        | <b>Sub-National Laboratory</b>  |           |          |                |              |                         |
| 11     | Viral RNA Extraction kit, 250 reactions per kit, 250 QIAmp mini spin- column, with RNA carrier, collection tubes (2ml) and RNase-free buffers | kit       | 10       | 80,000.00      | 800,000.00   |                         |
| 12     | Dengue Duo NS1+ Ab Combo, <b>results must be comparable with EIA, specificity of not less than 98.4%</b>                                      | per test  | 10000    | 750.00         | 7,500,000.00 |                         |
|        | <b>Microbiology</b>   |           |          |                |              |                         |
| 13     | Acid Fast Bacilli stain set (Prepared), 4 bottles of 500ml/set  | set       | 26       | 2,500.00       | 65,000.00    |                         |
| 14     | Gram's stain set (Prepared), 4 bottles of 500ml/set   | set       | 30       | 1,500.00       | 45,000.00    |                         |
| 15     | Bacitracin Chocolate Agar 10 pcs/pack (prepared plated media)   | pack      | 50       | 1,500.00       | 75,000.00    |                         |
| 16     | Bile Esculin agar 10 pcs/pack (prepared plated media)   | pack      | 10       | 1,000.00       | 10,000.00    |                         |
| 17     | Blood Agar 10 pcs/pack (prepared plated media)  | pack      | 1000     | 520.00         | 520,000.00   |                         |
| 18     | Chocolate Agar 10 pcs/pack (prepared plated media)  | pack      | 300      | 1,500.00       | 450,000.00   |                         |
| 19     | Gentamicin Blood Agar 10pcs/pack (prepared plated media)  | pack      | 50       | 1,500.00       | 75,000.00    |                         |
| 20     | Loeffler Medium, 16x100mm tube, 5.5ml slant 20 tubes/box  | box       | 3        | 6,000.00       | 18,000.00    |                         |
| 21     | Methyl Red Voges Proskauer (MRVP) powder,500gms/bottle  | bottle    | 2        | 6,000.00       | 12,000.00    |                         |
| 22     | Cryo tube 2ml, Self standing, Cap with inner screw, sterilized, 500 tubes/bag   | bag       | 1        | 2,500.00       | 2,500.00     |                         |
| 23     | Cryo Tube Box for 40 tubes, 2 mL, (per 1 piece)   | piece     | 15       | 768.00         | 11,520.00    |                         |
| 24     | Inoculating loops 1ul, sterile individually wrapped 500's/pack; 10packs/box   | box       | 2        | 16,600.00      | 33,200.00    |                         |
| 25     | CO2 tank 22-25 liters   | tank      | 4        | 20,000.00      | 80,000.00    |                         |
| 26     | 0/129 disks   | cartridge | 5        | 450.00         | 2,250.00     |                         |
| 27     | Cefoxitin antibiotic disks 30 mcg/cartridge,50's  | cartridge | 30       | 210.00         | 6,300.00     |                         |
| 28     | M.I.C Evaluator strips Erythromycin 10strips/pack   | cartridge | 5        | 6,480.00       | 32,400.00    |                         |
| 29     | M.I.C. Evaluator strips Imepenem 10 strips/pack   | cartridge | 5        | <b>6480.00</b> | 32,400.00    |                         |
| 30     | M.I.C. Evaluator strips Meropenem 10 strips/pack  | cartridge | 5        | <b>6480.00</b> | 32,400.00    |                         |
| 31     | M.I.C Evaluator strips Oxacillin 10 strips/pack   | cartridge | 5        | <b>6480.00</b> | 32,400.00    |                         |

|    |  |                   |       |                       |              |  |
|----|--|-------------------|-------|-----------------------|--------------|--|
| 32 | M.I.C. Evaluator strips Penicillin 10 strips/pack  | cartridge         | 5     | <b><u>6480.00</u></b> | 32,400.00    |  |
| 33 | Novobiocin antibiotic disks 5 mcg/cartridge  | cartridge         | 30    | <b><u>210.00</u></b>  | 6,300.00     |  |
| 34 | M.I.C. Evaluator strips Vancomycin 10 strips/pack  | cartridge         | 5     | <b><u>6480.00</u></b> | 32,400.00    |  |
| 35 | Nitrocefin disk for Beta-lactamase test/25strips   | cartridge         | 5     | <b><u>5000.00</u></b> | 25,000.00    |  |
| 36 | Taxo P for Optochin test antibiotic disks /cartridge,50's  | cartridge         | 5     | <b><u>750.00</u></b>  | 3,750.00     |  |
| 37 | Taxo A disk for Bacitracin test 0.04 U / cartridge, 50's   | cartridge         | 5     | 210                   | 1,050.00     |  |
| 38 | Taxo N for Oxidase test antibiotic disks / cartridge,50's  | cartridge         | 5     | 210                   | 1,050.00     |  |
| 39 | V factor disks/cartridge,50's/ cartridge   | cartridge         | 5     | <b><u>750.00</u></b>  | 3,750.00     |  |
| 40 | X factor disks/cartridge,50's/cartridge  | cartridge         | 5     | <b><u>750.00</u></b>  | 3,750.00     |  |
| 41 | XV factor disks/cartridge,50's/cartridge   | cartridge         | 5     | 750.00                | 3,750.00     |  |
| 42 | 4-(Dimethylamino)-benzaldehyde, 98% assay; powder 100g/bottle  | bottle            | 1     | 6,000.00              | 6,000.00     |  |
| 43 | Sterile 10ul & 1uL inoculation loop individually wrapped (10uL on one end, 1uL on the other end), 500's/pack   | pack              | 30    | 10,000.00             | 300,000.00   |  |
|    | <b>Chemistry</b>   |                   |       |                       |              |  |
| 44 | 75g OGTT Bottle  | Bottle            | 150   | 150.00                | 22,500.00    |  |
| 45 | 50g OGTT Bottle  | Bottle            | 50    | 150.00                | 7,500.00     |  |
| 46 | 100g OGTT Bottle   | Bottle            | 50    | 150.00                | 7,500.00     |  |
| 46 | Serum Separator plastic tube 4ml Z serum Clot activator, 13x75mm tube, redtop with yellow ring, 100's/pack   | Pack              | 3500  | 850.00                | 2,975,000.00 |  |
|    | <b>Clinical Microscopy</b>   |                   |       |                       |              |  |
| 47 | Ammonium Sulfate, AR, 500gms/bottle  | Bottle            | 10    | 1,500.00              | 15,000.00    |  |
| 48 | Sodium Nitroprusside, dihydrate, reagent grade, 100gms/bottle  | Bottle            | 3     | 2,300.00              | 6,900.00     |  |
| 49 | Applicator Stick, 100's  | Box               | 100   | 200.00                | 20,000.00    |  |
| 50 | Test tubes high quality, 16x100mm, 50's  | Box               | 12    | 750.00                | 9,000.00     |  |
| 51 | Thermal Paper, 57x30mm   | roll              | 120   | 35.00                 | 4,200.00     |  |
| 52 | Human Occult Blood in Feces, ISO certified Rapid Test, 25T   | Box               | 10    | 2,600.00              | 26,000.00    |  |
|    | <b>Drug Testing Laboratory</b>   |                   |       |                       |              |  |
| 53 | Polyethylene Bottle, 60ml, screw-capped  | piece             | 3,500 | 7.00                  | 24,500.00    |  |
|    | <b>Hematology</b>  |                   |       |                       |              |  |
| 54 | EDTAK2 100's- plastic 13x 75 ml spray, dried K2EDTA.   | pack              | 2,000 | 660.00                | 1,320,000.00 |  |
| 55 | Sodium Citrate 1.8 ml (3.2%) -plastic full, draw tube 13x 75 , 1.8 ml, 3.2 % Buffered, Sodium Citrate (1.109m) with tube in tube, technology.  | pack              | 300   | 950.00                | 285,000.00   |  |
| 56 | EDTAK2 for PEDIA- 100's with 0.25/0.50, ml mark or calibration, plastic.   | pack              | 600   | 880.00                | 528,000.00   |  |
| 57 | Barcode label with ribbon for test tubes, 2,750 labels/roll, for WEBLIS barcode, printer, Laboratory LIS.  | pack              | 600   | 1,100.00              | 660,000.00   |  |
| 58 | Triple distilled water 10 X 1L   | Box               | 50    | 900.00                | 45,000.00    |  |
| 59 | Multiple Sample Needle with clear hub, 22G, 50's/box, latex free multi-sample, needle with viewing chamber. Must be compatible with the quick release holder presently used in the laboratory. | Box               | 1,500 | 660.00                | 990,000.00   |  |
| 60 | Quick Release Holder- 20's multi-sample , needle with push release button.   | <b><u>Box</u></b> | 100   | 1,200.00              | 120,000.00   |  |
| 61 | Blood lancet 200's/ box- large needle, lancet w/ lancing device.   | Box               | 300   | 660.00                | 198,000.00   |  |
|    | <b>Histopathology</b>  |                   |       |                       |              |  |

|    |   |          |       |            |              |  |
|----|---|----------|-------|------------|--------------|--|
| 62 | Hydrochloric Acid, conc, 2.5L   | Bottle   | 2     | 5,000.00   | 10,000.00    |  |
| 63 | Ammonia Solution, conc 2.5L   | Bottle   | 2     | 1,800.00   | 3,600.00     |  |
| 64 | Coverglass, 22x22 mm, clear 200's   | Box      | 550   | 250.00     | 137,500.00   |  |
| 65 | Coverglass, 22x56 mm, clear 100's   | Box      | 550   | 380.00     | 209,000.00   |  |
| 66 | Cytological std. Stain accdg to Szezepanick, 6x500 ml   | Set      | 8     | 20,000.00  | 160,000.00   |  |
| 67 | Eosin powder, 25.0 gms  | Bottle   | 8     | 1,500.00   | 12,000.00    |  |
| 68 | Ethyl alcohol, Ar gr 4L   | Bottle   | 468   | 2,600.00   | 1,216,800.00 |  |
| 69 | Formaldehyde solution, conc. Min 37% 4L   | Bottle   | 200   | 1,900.00   | 380,000.00   |  |
| 70 | Glass marking pencil, diamond tip   | Piece    | 2     | 500.00     | 1,000.00     |  |
| 71 | Harris Hematoxylin, prepared 500mL  | Bottle   | 24    | 6,500.00   | 156,000.00   |  |
| 72 | Microtome Blade, R35, stainless, low profile, 50's  | Box      | 100   | 8,000.00   | 800,000.00   |  |
| 73 | Mounting media, 500 mL  | Bottle   | 13    | 5,000.00   | 65,000.00    |  |
| 74 | Xylene, AR grade, 4L  | Bottle   | 382   | 5,000.00   | 1,910,000.00 |  |
| 75 | Microscope glass slides, frosted one end, clear, 72's   | Box      | 1000  | 100.00     | 100,000.00   |  |
| 76 | Neutral buffered formalin, 1 gal  | Bottle   | 60    | 3,000.00   | 180,000.00   |  |
| 77 | Freezing spray, 10 oz   | Can      | 8     | 5,000.00   | 40,000.00    |  |
| 78 | Embedding medium (frozen section), 125 ml   | Bottle   | 8     | 4,500.00   | 36,000.00    |  |
| 79 | Nitric acid, conc. 2.5 mL   | Bottle   | 2     | 1,800.00   | 3,600.00     |  |
| 80 | Gauze, non sterile, 4x4 in, 8 ply 100's/pk  | Pack     | 150   | 260.00     | 39,000.00    |  |
| 81 | Paraffin wax pellets, 56°C melt.pt  | Pack     | 1,140 | 1,000.00   | 1,140,000.00 |  |
| 82 | <b>Visualization Kit, which includes:</b><br>1. Peroxidase blocking reagent<br>2. HRP<br>3. DAB+ Chromogen<br>4. Substrate Buffer<br>5. Target retrieval solution, high ph  | Kit      | 1     | 158,000.00 | 158,000.00   |  |
| 83 | Monoclonal Rabbit anti human estrogen receptor, 6 mL  | Vial     | 2     | 19,000.00  | 38,000.00    |  |
| 84 | Monoclonal mouse anti human progesterone receptor, 6 mL   | Vial     | 2     | 19,000.00  | 38,000.00    |  |
| 85 | IHC microscope slides, 100's  | Box      | 6     | 7,000.00   | 42,000.00    |  |
| 86 | HER 2, Immunocytochemical assay Kit (FDA approved)<br>Which includes:<br>1. Peroxidase blocking reagent<br>2. Rabbit anti human her2 protein<br>3. Visualization reagent<br>4. Negative control reagent<br>5. DAB buffer substrate<br>6. DAB chromogen<br>7. Epitope retrieval solution<br>8. Wash buffer | Kit      | 1     | 84,000.00  | 84,000.00    |  |
|    | <b>Blood Bank</b>   |          |       |            |              |  |
| 87 | Antibody Enhancement Solution, ( longer expiry)   | Vial     | 100   | 900.00     | 90,000.00    |  |
| 88 | Anti-D, (longer expiry, end-user to evaluate potency)   | Vial     | 500   | 800.00     | 400,000.00   |  |
| 89 | Typing Sera A & B, (longer expiry, end-user to evaluate potency)  | Set      | 720   | 800.00     | 576,000.00   |  |
| 90 | HIV 1/2 Rapid Test kit, 30's  | Box      | 20    | 15,000.00  | 300,000.00   |  |
| 91 | <b>CD4 Cartridge, for Absolute Count only</b> , detects as low as 3 cells/uL, with free pima bead control , with free thermal paper   | per test | 1400  | 1,650.00   | 2,310,000.00 |  |
| 92 | <b>CD4 Cartridge , can detect CD4 Absolute Count,CD4%,Hemoglobin Determination</b> , with free multicheck every 500 test, with free thermal paper, compatible with existing BDFacpresto machine.  | per test | 1000  | 1,400.00   | 1,400,000.00 |  |

|     |  |          |       |          |              |  |
|-----|--|----------|-------|----------|--------------|--|
| 93  | Malaria Ag, Pf/Pan, Immunochromatography, with free third party control for every 2,000 test ( rapid, qualitative, two site sandwich immunoassay utilizing whole blood for the detection of P. falcifarum specific histidine rich protein-2 (Pf.HRP-2) and Pan malaria specific pLDH.  | per test | 10100 | 150.00   | 1,515,000.00 |  |
|     | <b>B. SUPPLIES</b>   |          |       |          |              |  |
| 94  | Blood Collecting Tubes, Plain, Glass, Red Top, 5ml, 13 x 75 mm, 100's with wide writing area.  | pack     | 300   | 700      | 210,000.00   |  |
| 95  | Hemoglobinometer Cuvette, 50's compatible with existing Hemoglobin Photometer ( Hemo Point ), with free Optics Cleaner for every 100 canisters), for quantitative determination of hemoglobin, with slot at the rear of the sample that allows trapped air to escape, round tip and wide opening for sample uptake, users can hold the cuvette at any angle to the blood droplet, dessicant conveniently integrated in canister. | canister | 360   | 2,000.00 | 720,000.00   |  |
| 96  | Bacterial Inhibitor (for Plasma Thawer use)  | bottle   | 4     | 5,000.00 | 20,000.00    |  |
| 97  | Plasma Overwrap, 250's /pack, compatible with existing Helmer Plasma Thawer  | pack     | 10    | 6,000.00 | 60,000.00    |  |
| 98  | Gel and Clot activator tube, plastic, 5 ml capacity, 50's  | pack     | 15    | 700.00   | 10,500.00    |  |
| 99  | Transfer Pipets, plastic, 3 ml capacity, with graduation, 500's  | pack     | 10    | 1,500.00 | 15,000.00    |  |
| 100 | Cryovial Storage boxes, 9x9 grid, holds 81 cryogenic vials, 1.2 to 2.0 ml cryovial, assorted color   | piece    | 10    | 900.00   | 9,000.00     |  |
| 101 | Cryovial Storage boxes, 5x5 grid, holds 25 cryogenic vials, 1.2 to 2.0ml cryovial, assorted color  | piece    | 10    | 800.00   | 8,000.00     |  |
|     | <b>Water Testing laboratory</b>  |          |       |          |              |  |
| 102 | Forceps/stainless steel, 5 inches  | piece    | 20    | 250.00   | 5,000.00     |  |
| 103 | Gas Mask, respirator, chemical mask dust proof   | piece    | 2     | 1,500.00 | 3,000.00     |  |
| 104 | Glass-fiber filter paper, 100/pack, for total suspended solid analysis, Pore size: 1.5 um, Diameter: 47 mm   | pack     | 20    | 3,200.00 | 64,000.00    |  |
| 105 | Serological Pipette, Disposable, 100pcs./pack, 10ml, sterile   | pack     | 4     | 3,600.00 | 14,400.00    |  |
| 106 | Wire Basket (3x3x6) in/piece   | piece    | 20    | 400.00   | 8,000.00     |  |
|     |  |          |       |          |              |  |

## II. Lot Items

| Lot #    | Item Description  | Unit     | Quantity | ABC/Unit | Total ABC           | Statement of Compliance |
|----------|---|----------|----------|----------|---------------------|-------------------------|
| <b>1</b> | <b>Reagents for Vidas 3 Immunology Analyzer (Purchased)</b> |          |          |          | <b>7,187,400.00</b> |                         |
|          | 1. AFP  | Per test | 720      |          |                     |                         |
|          | 2. CEA  | Per test | 720      |          |                     |                         |
|          | 3. CA125  | Per test | 750      |          |                     |                         |
|          | 4. CA19-9   | Per test | 510      |          |                     |                         |
|          | 5. FT3  | Per test | 1500     |          |                     |                         |
|          | 6. FT4  | Per test | 1500     |          |                     |                         |
|          | 7. PSA, Total   | Per test | 720      |          |                     |                         |
|          | 8. Troponin I   | Per test | 2000     |          |                     |                         |
|          | 9. T3, Total  | Per test | 1500     |          |                     |                         |
|          | 10. T4, Total   | Per test | 1500     |          |                     |                         |
|          | 11. TSH   | Per test | 5040     |          |                     |                         |
|          | 12. Ferritin  | Per test | 60       |          |                     |                         |
|          | 13. Cortisol  | Per test | 60       |          |                     |                         |
|          | 14. H. Pylori   | Per test | 30       |          |                     |                         |
| <b>2</b> | <b>Specific Protein Analyzer</b>                            | Per test | 3000     |          | <b>3,559,000.00</b> |                         |
|          | <b>Specifications:</b>                                      | Per test | 8000     |          |                     |                         |



|          |   |           |      |  |                   |  |
|----------|---|-----------|------|--|-------------------|--|
|          | CA125   | Per test  | 500  |  |                   |  |
|          | PSA   | Per test  | 700  |  |                   |  |
|          | <b>Reproductive Function Tests</b>  |           |      |  |                   |  |
|          | Testosterone  | Per test  | 200  |  |                   |  |
|          | Progesteron   | Per test  | 200  |  |                   |  |
|          | FSH   | Per test  | 400  |  |                   |  |
|          | <b>Cardiac Function Tests</b>   |           |      |  |                   |  |
|          | Troponin I  | Per test  | 1000 |  |                   |  |
| <b>4</b> | <b>ANTIBIOTICS: TESTING FOR MANUAL SENSITIVITY</b>  |           |      |  | <b>353,180.00</b> |  |
|          | 1. Amikacin antibiotic disks 30 mcg / cartridge, 50's                                     | cartridge | 30   |  |                   |  |
|          | 2. Amoxicillin Clavulanic acid antibiotic disks 30mcg /cartridge,50's                     | cartridge | 30   |  |                   |  |
|          | 3. Ampicillin antibiotic disks 10mcg / cartridge, 50's                                    | cartridge | 30   |  |                   |  |
|          | 4. Ampicillin Sulbactam antibiotic disks 10/10mcg /cartridge,50's                         | cartridge | 30   |  |                   |  |
|          | 5. Azithromycin antibiotic disks 15 mcg / cartridge,50's                                  | cartridge | 20   |  |                   |  |
|          | 6. Aztreonam antibiotic disks 30 mcg /cartridge,50's                                      | cartridge | 30   |  |                   |  |
|          | 7. Cefaclor antibiotic disks 30 mcg /cartridge,50's                                       | cartridge | 5    |  |                   |  |
|          | 8. Cefazolin antibiotic disks 30 mcg/cartridge,50's                                       | cartridge | 30   |  |                   |  |
|          | 9. Cefepime antibiotic disks 30 mcg/cartridge,50's  | cartridge | 30   |  |                   |  |
|          | 10. Cefixime antibiotic disks 5 mcg/cartridge,50's  | cartridge | 30   |  |                   |  |
|          | 11. Cefotaxime antibiotic disks 30 mcg/cartridge,50's                                     | cartridge | 30   |  |                   |  |
|          | 12. Ceftazidime antibiotic disks 30 mcg/cartridge,50's                                    | cartridge | 30   |  |                   |  |
|          | 13. Ceftriaxone antibiotic disks 30 mcg/cartridge,50's                                    | cartridge | 30   |  |                   |  |
|          | 14. Cefuroxime antibiotic disks 30 mcg / cartridge,50's                                   | cartridge | 30   |  |                   |  |
|          | 15. Chloramphenicol antibiotic disks 30mcg /cartridge,50's                                | cartridge | 30   |  |                   |  |
|          | 16. Ciprofloxacin antibiotic disks 5 mcg / cartridge,50's                                 | cartridge | 30   |  |                   |  |
|          | 17. Clindamycin antibiotic disks 5 mcg/cartridge,50's                                     | cartridge | 30   |  |                   |  |
|          | 18. Co-Trimoxazole (Trimethoprim/ Sulfamethoxazole) antibiotic disks 5 mcg/cartridge,50's | cartridge | 30   |  |                   |  |
|          | 19. Ertapenem antibiotic disks, 10mcg/ cartridge, 50's                                    | cartridge | 30   |  |                   |  |
|          | 20. Erythromycin antibiotic disks 15 mcg/cartridge,50's                                   | cartridge | 30   |  |                   |  |
|          | 21. Gentamicin antibiotic disks 10 mcg/cartridge,50's                                     | cartridge | 30   |  |                   |  |
|          | 22. Gentamicin antibiotic disks 120 mcg/cartridge,50's                                    | cartridge | 30   |  |                   |  |
|          | 23. Imepenem antibiotic disks 10 mcg/cartridge,50's                                       | cartridge | 30   |  |                   |  |
|          | 24. Levofloxacin antibiotic disks 5 mcg/cartridge,50's                                    | cartridge | 20   |  |                   |  |
|          | 25. Linezolid antibiotic disks 30 mcg/cartridge,50's                                      | cartridge | 30   |  |                   |  |





|          |  |  |  |  |                     |  |
|----------|--|--|--|--|---------------------|--|
|          | <p>15. Unique bar code identifier.</p> <p>16. Table top ready with computer and printer</p> <p>17. 60-120 card capacity.</p> <p>18. Intuitive icons for less technical training.</p> <p>19. System uses Windows 8 and security or higher version.</p> <p>20. Has customizable feature to track facility-specific organisms. (SRF-supplemental react File)</p> <p>21. Offers simplicity workflow.</p> <p>22. Reliability with standardized procedure.</p> <p>23. Higher level of automation.</p> <p>24. Automatic printing of results.</p> <p>25. With Preventive Maintenance and Calibration Maintenance.</p> <p>26. Provides QC strain for quality control testing.</p> <p><b>B. GENERAL CHARACTERISTICS:</b><br/> Sealer Mechanical: stub length 1.25+0.25 mm<br/> Incubator Temperature: 35.5C + 1C<br/> Capacity: 60-120 cards per incubator</p> <p>1. Identification for Gram Negative Bacilli, 20cards/ pack</p> <p>2. Identification for Gram Positive cocci, 20 cards/ pack</p> <p>3. Identification for Anaerobe and Corynebacterium, 20cards/pack</p> <p>4. Identification for Neisseria and Heamophilus, 20cards/pack</p> <p>5. Susceptibility test for Gram Negative bacilli 20cards/pack</p> <p>6. Susceptibility test for Staphylococcus &amp; Enterococcus 20cards/pack</p> <p>7. Susceptibility test for Streptococcus 20cards/pack</p> <p>8. Unsensitized Tubes, 2,000tubes/pack</p> <p>9. Finn Tip (145ul) 96pcs/pack</p> <p>10. Finn Tip (280ul) 96pcs/pack</p> <p>11. 0.45% Saline Solution 500ml/bottle</p> <p>12. Kit Densichek Plus Standards</p> <p>13. Identification for clinical significant yeast, 20cards/box</p> <p>14. Susceptibility test for clinical significant yeast, 20cards/ box</p> |  |  |  |                     |  |
| <b>6</b> | <p><b>FULLY AUTOMATED MACHINE FOR DETECTION OF BLOOD (BLOOD CULTURE MACHINE)</b></p> <p><b>A. General:</b></p> <p>1. Fully Automated Machine.</p> <p>2. Colorimetric Principle with own external sensor. (You can still continue to process existing bottles inside the machine because the bottles has its own external sensor.)</p> <p>3. Microbial detection system for Blood</p> <p>4. Sterility Testing for Blood Banks.</p> <p>5. Can detect Gram Negative, Gram Positive, Yeast and Fungi.</p> <p>6. Uses plastic bottles to avoid accidental breakage</p> <p>7. At least 0.5ml blood volume for Pedia bottles.</p>   |  |  |  | <b>6,960,000.00</b> |  |

|          |   |          |       |  |                      |  |
|----------|---|----------|-------|--|----------------------|--|
|          | <p>8. Automatic Quality Control: Each cell is equipped with a patented cell flag to ensure automatic quality control and bottle recognition.</p> <p>9. Calibration stability: automatic self-calibration.</p> <p>10. Proven and tested “worldwide”.</p> <p>11. Complete walk away system. (Load and Go).</p> <p>12. 120-240 test capacity.</p> <p>13. Touch screen monitor</p> <p>14. Controller Module can accommodate minimum of 6 Incubation Modules = 1,440 tests combined.</p> <p>15. 2 hours earliest detection of pathogenic bacteria.</p> <p>16. Antibiotic Removing Device (ARD) bottles for consumables.</p> <p>17. Standard bottles (with ARD).</p> <p>18. Aerobic bottles</p> <p>19. Anaerobic bottles.</p> <p>20. LIS ready machine.</p> <p>21. With Preventive Maintenance and Calibration Maintenance.</p> <p>22. Availability of Parts: available in minimum quantity based on supplier’s recommendation</p> <p>23. Open for upgrade.</p> <p>24. Low Cost Consumables.</p> <p>25. Space saving table top design.</p> <p>26. Consumables can still be continued for processing/ incubation in cases of unavoidable circumstances of machine failure.</p> <p>27. Audio and visual alarms for end users.</p> <p>28. Barcode capable.</p> <p><b>B. Technical Specifications:</b><br/>Capacity: 120 Capacity or more</p> <p>1. Blood culture Bottle Plus Aerobic; 100 bottles/box</p> <p>2. Blood culture Bottle Plus Pediatric; 100 bottles/box</p> |          |       |  |                      |  |
|          |   | Box      | 36    |  |                      |  |
|          |   | Box      | 84    |  |                      |  |
| <b>7</b> | <p><b>Hemoglobin A1C and Variant Analyzer</b></p> <p>Machine Specifications:</p> <p>Ion exchange HPLC Method (Gold Standard)</p> <p>Fully automated analyzer for Hemoglobin A1C and hemoglobin variants determinations</p> <p>Sample capacity of up to 20 samples with one STAT sample?</p> <p>Throughput: up to 35 samples per hour</p> <p>Hgb Variant whole blood HPLC analysis</p>   |          |       |  | <b>6,000,000.00</b>  |  |
|          |   | Per test | 12000 |  |                      |  |
| <b>8</b> | <p><b>Fully Automated Chemistry Analyzer</b></p> <p><b>TECHNICAL SPECIFICATIONS</b></p> <p>LIS READY, WEBLIS compatible</p> <p><b>Throughput:</b> Not less than 200 tests/hour.</p> <p>60-100 Reagent positions</p> <p>Accommodates up to 100 samples with available position for STAT samples.</p> <p>All sample positions fit 13x75 or 13x100 mm primary and secondary tubes and pediatrics cups</p>  |          |       |  | <b>52,296,500.00</b> |  |

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|    | <p>All positions can be used for calibrators, controls, normal, pediatrics and STAT samples</p> <p><b><u>Less than 500uL reagent volume</u></b></p> <p>Must have a test counter available</p> <p>Onboard stability of reagents up to 35 days</p> <p>Integrated Quality control: Westgard or Basic QC rules, levey-Jennings plt, Quality Control statistics</p> <p>With direct LDL measurement</p> <p><b><u>Disposable or Automatic washing of cuvettes</u></b></p> <p>ACID PHOSPHATASE</p> <p>ALBUMIN</p> <p>ALKALINE PHOSPHATASE</p> <p>AMYLASE</p> <p>ALT/SGPT</p> <p>AST/SGOT</p> <p>BILIRUBIN DIRECT</p> <p>BILIRUBIN TOTAL</p> <p>CHOLESTEROL</p> <p>CREATININE</p> <p>GAMMA-GT</p> <p>GLUCOSE</p> <p>GLUCOSE BODY FLUIDS</p> <p>HDL-CHOLESTEROL</p> <p>LDH</p> <p>MAGNESIUM</p> <p>TOTAL PROTEIN SERUM</p> <p>TOTAL PROTEIN U/CSF</p> <p>TRIGLYCERIDES</p> <p>UREA</p> <p>URIC ACID</p> <p>PHOSPHOROUS</p> <p>AMMONIA</p> | <p>Per test 100</p> <p>Per test 15,000</p> <p>Per test 3,000</p> <p>Per test 3,000</p> <p>Per test 50,000</p> <p>Per test 40,000</p> <p>Per test 5,000</p> <p>Per test 5,000</p> <p>Per test 100,000</p> <p>Per test 200,000</p> <p>Per test 100</p> <p>Per test 200,000</p> <p>Per test 1000</p> <p>Per test 100,000</p> <p>Per test 1,500</p> <p>Per test 5,000</p> <p>Per test 10,000</p> <p>Per test 2,500</p> <p>Per test 100,000</p> <p>Per test 100,000</p> <p>Per test 50,000</p> <p>Per test 10,000</p> <p>Per test 1,000</p> |  |  |               |
| 9  | <p><b>ELECTROLYTE MACHINE WITH AUTO-SAMPLER (Na<sup>+</sup>, K<sup>+</sup>, Chloride, Calcium, pH, Li)</b></p> <p><b>Technical Specifications:</b></p> <p>LIS Ready, WEBLIS compatible</p> <p>Easy to-use</p> <p>Automatic sampling, washing and calibration</p> <p><b>TOUCH SCREEN</b>, Large LCD display</p> <p>Principle: Direct measurement by Ion Selective Electrode (ISE)</p> <p>Sample: Whole Blood, Serum, Plasma, Diluted Urine</p> <p>Throughput: up to 60 samples/hour</p> <p>Calibration: Automatic</p> <p>Data Storage: up to 500-patient results</p> <p>Free Electrodes</p> <p><b>Na, K, Cl, Ca, pH, Lithium</b></p>   | <p>Per test 150,000</p>  |  |  | 15,000,000.00 |
| 10 | <p><b>REAGENTS FOR MINDRAY <u>BC-6800</u> Machine (Purchased)</b></p> <p><b>CBC REAGENTS</b></p> <p><b>BODY FLUIDS</b></p> <p><b>RETICULOCYTE REAGENTS</b></p>  | <p>Per test 130,000</p> <p>Per test 600</p> <p>Per test 1,500</p>  |  |  | 6,732,500.00  |
| 11 | <p><b>FULLY AUTOMATED HEMATOLOGY ANALYZER WITH BODY FLUIDS</b></p> <p>Specifications:</p> <p>Fully automated 6 parts Hematology Analyzer</p>  |  |  |  | 5,030,000.00  |

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|    | <p>Flourescence Flow Cytometry using semiconductor laser<br/>DC Sheath Flow Detection<br/>36 parameters whole blood/PD/low WBC mode<br/>WBC, RBC, HBG, HCT, MCV, MCH, MCHC, PLT-1, RDW-CV, P-LCR, PDW, MPV, P-LCR<br/>NEUT #, LYMPH #, MONO #, EO #, BASO #, NEUT %, LMPH %, MONO %, EO %, BASO%, IG#, IG%<br/><b>BODY FLUID:</b> WBC-BF, RBC-BF, MN#, PMN#, MN%, PMN%, TC-BF#<br/><b>10 OPTIONAL PARAMETERS:</b> RET#, RET%, IRF, LFR, MFR, HFR, RET-HE, PLT-O, IPF#, IPF%<br/>70-100 samples per hour<br/>2 drawers to allow continuous loading, capacity 20 samples<br/>sample aspiration volume of 20-25uL for whole blood/ low WBC mode<br/>Body Fluid mode: 70uL or less<br/>Tri-level QC for all parameters<br/>Bi-level body fluid QC material<br/>Minimum Data storage of 100,000 samples including histograms and scattergrams<br/>IPU: Built-in, touch screen<br/>Additional Features: True 6 parts differential count including immature granulocytes<br/>Fully automated Body Fluid analysis, analysis of low WBC samples in L-WBC mode.<br/>Analysis of low WBC samples in L-WBC mode<br/>Automated reticulocyte count plus additional parameters:<br/>Reticulated Hemoglobin<br/>Immature reticulocyte fraction<br/>Immature platelet fraction<br/>Integrated auto repeat, rerun and reflex of samples<br/>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<br/>A copy of a define sets of reagents and consumables must be provided. Supplier should submit cycle/test on hematology reagents.<br/>Must interface (bi-directional with existing LIS.<br/>A copy of the defined sets of reagents and consumables must be provided.<br/>Supplier should submit cycle/ test on Hematology reagents.</p> <p><b>CBC REAGENTS</b><br/><b>BODY FLUID REAGENTS</b></p> | Per test<br>Per test | 100,000<br>600 |  |              |  |
| 12 | <p><b>COAGULATION ANALYZER (FREE USE OF MACHINE WITH BACK UP)</b><br/>Fully automated Coagulation Analyzer<br/><b>Mechanical clot detection principle</b>( Viscosity-based detection system), insensitive to sample or reagent B48 interferences.<br/>At least 95 primary tubes on board with positions for pediatric tubes<br/>At least 19 parameters including PT/ APTT<br/>Main tube sizes accepted including pediatrics and microcontainers.<br/>Can manage/run stat samples even testing is ongoing.<br/>Tests can be added or deleted during an ongoing</p>  |                      |                |  | 9,750,000.00 |  |

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|    | <p>operation.<br/> Cap piercing option<br/> Positive barcode identification of samples<br/> Automatic pre- dilution of samples<br/> At least 45 positions for different sized vials with at least 5 stirring positions)<br/> Random loading of reagents<br/> Positive barcode identification of calibrators<br/> Automatic pre-dilution of calibrators<br/> Automatic quality control<br/> Roll of at least 1000 optical quality cuvettes with stainless steel ball<br/> Unitary reaction cuvette(1 cuvette= 1 test)<br/> Washing solution on board<br/> Connectable to a biological effluent treatment station<br/> <b>Does not require Pre-calibrated routine and specialized reagents</b><br/> A brilliant interface software where it can immediately detect and alarm users on reagent levels and/or running on incomplete setup of reagents( e. g. running APTT w/o CaCl<sub>2</sub>).<br/> Provides water bath if needed or a 12 or 24 placer clinical centrifuge, swing type rotor.<br/> <b>PROVIDES MONTHLY PREVENTIVE MAINTENANCE AND TWICE A YEAR CALIBRATION</b><br/> Must interface ( bi-directional) with the existing LIS.</p> <p><b>a. PROTHROMBIN TIME REAGENTS</b><br/> <b>b. ACTIVATED PARTIAL THROMBOPLASTIN TIME</b></p>   | Per test<br>Per test | 45,000<br>35,000 |  |               |  |
| 13 | <p><b>Fully Automated Analyzer For Transfusion Transmissible Infection using Enzyme linked Immunosorbent Assay Principle (ELISA)</b><br/> <b>Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Microplate processor for automated, microplate-based EIA testing.</li> <li>2. <b>Fully automated:</b><br/> Allows continuous loading of samples, reagents and microplates<br/> Performs plate dilution and distributes primary samples and reagents.<br/> Capable of testing five (5) transfusion Transmissible Infection Assay.<br/> Sensor for primary samples and reagents level<br/> Pipetting System<br/> Wash System that has independent aspiration and dispense cycles.<br/> Microplates transport system between workstations<br/> Multiple independent temperature- controlled incubators, ambient light protected incubators and wash buffers.<br/> Reagent lot and expiration management system with capability of reading the barcode of tie up reagents.</li> <li>3. <b>Capacity:</b><br/> More than 150 primary sample tubes at a time<br/> Can hold more than 450 pipette tips<br/> Can hold more than 250 pre-dilution samples</li> <li>4. Processing Precision:&lt;3% CV at 100 uL</li> <li>5. Processing Accuracy: &lt;5% at 100 uL</li> <li>6. Reading Range: 0-3.5 OD</li> <li>7. Reading Linearity (0-2.0 OD) 2.5%</li> <li>8. Reading Precision (0-2.0 OD) 2.5%</li> <li>9. Incubator Precision of 1.0 °C</li> <li>10. Monitoring System for pipetting, volume, air bubbles, foal and clots include air- pressure,</li> </ol> |                      |                  |  | 13,670,000.00 |  |

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|    | <p>capacitive and colorimetric detection system.</p> <ol style="list-style-type: none"> <li>Disposable pipette tips.</li> <li>Multitasking software and bidirectional functionality computer interface.</li> <li>System can centralized results management and may be connected to the laboratory information system.</li> <li>Must be included in the list of test kit as to the guidelines for the <u>referral</u> blood samples for confirmatory set by NRL-NVBSP (Dept. Circular No. 2012-0198)</li> <li>With valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation from STD AIDS Cooperative Central Laboratory (SACCL)</li> <li>Must conduct a QUARTELY PREVENTIVE MAINTENANCE and semi- ANNUAL CALIBRATION.</li> <li>All reagents should be compatible with the tie-up EIA Analyzer and should include controls, calibrators and other accessories in 1 kit.</li> </ol> <p>HBsAG<br/>Syphilis (Anti- Treponema)<br/>Malaria<br/>HIV Ag/Ab<br/>HCV Ag/Ab</p> | Per test<br>Per test<br>Per test<br>Per test<br>Per test | 11,000<br>10,000<br>10,000<br>10,500<br>10,500 |  |               |  |
| 14 | <p><b>Fully Automated Immunochemistry Analyzer</b></p> <p><b>Specifications:</b></p> <p>Column Agglutination Technology Principle<br/>Throughput of more than 50 samples/hour for ABO/Rh grouping and more than 100 samples/hour for antibody screening.<br/>Sample capacity: more than 100 samples<br/>Turn around Time: less than 30 minutes<br/>Capable of testing ABO/Rh Blood grouping, Antibody screening and Crossmatching<br/>Continuous sample and Reagent loading System<br/>Can perform tests at a minimum sample of 50 uL.<br/>Integrated QC module<br/>Compatible with LIS<br/>Provides training to staff and personnel of Blood Bank.</p> <p><b>Blood typing</b><br/><b>Crossmatching with Blood typing</b><br/><b>Antibody Screening</b></p>  | Per test<br>Per test<br>Per test                         | 80,000<br>30,000<br>1,000                      |  | 32,930,000.00 |  |
| 15 | <p><b>Fully Automated Analyzer for Transfusion Transmissible Infection using Chemiluminescence Microparticle Immunoassay (CMIA)</b></p> <p><b>Specifications:</b></p> <p>Throughput: More than 100 test/hour<br/>Sample Volume: 10-50 uL<br/>Turn Around Time: less than 30 minutes<br/>Data Storage: 50,000-100,000 sample results<br/>Minimum parameters available: Transfusion Transmissible Infections (HBsAg, HIV, HCV, Syphilis)<br/>Optional Additional Parameters:<br/>a. Thyroid Function Tests<br/>b. Tumor Markers<br/>c. Hepatitis Panel<br/>Sample Load capacity: 50-100samples</p>   |  |  |  | 10,275,000.00 |  |

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|           | <p>Reagent Capacity: Up to 25 refrigerated positions<br/>Continuous Reagent Loading System<br/>Reagents on-board stability: up to 30 days<br/>With Valid certificate of Product registration from Food and Drug Administration (FDA) and proof of kit evaluation form STD AIDS Cooperative Central Laboratory</p> <p><b><u>Must be included in the list of test kit as to the guidelines for the referral blood samples for confirmatory set by NRL-NVBSP (Dept. Circular No. 2012-0198)</u></b><br/><b><u>All assays/kits must have an internal positive and negative kit control</u></b></p> <p>HBsAg<br/>Syphilis TP<br/>Anti-HCV<br/>HIV Ag/Ab Combo</p>  | <p>Per test 11,000<br/>Per test 10,000<br/>Per test 10,500<br/>Per test 11,500</p>   |  |  |                     |
| <b>16</b> | <p><b>Blood Bags</b><br/><b>Specifications:</b></p> <p><b>Anticoagulant:</b> Citrate Phosphate Dextrose Adenine -1 (CPDA-1)<br/><b>Plastic Material:</b> Polyvinyl chloride (PVC) with DEHP<br/><b>Surface:</b> Embossed surface to avoid sticking to each other during autoclaving and to improve grip when handling<br/><b>Needle:</b> Triple-bevel-cut needle with an ultra-thin wall design: Reduces the discomfort of venipuncture<br/>Sand-blasted and Silicon-lubricated cannula surface: Minimizes activation of blood components<br/><b>Tubes:</b> Embossed surface with unique sequence of number for identification<br/><b>Presence of Tip Valve:</b> ClickTip is an easy frangible connector opened by a double bend movement with audible “click” confirmation to operators<br/>Large inner diameter valve for smooth extraction and fast transfer of the components or additive solution.<br/><b>Outlets:</b> long-neck inner tube, Tube dimension and diaphragm position are designed for spikes according to ISO 1135-4<br/><b>Labels:</b> Easy to write on; tamper evident, single or double-color graphics; height and width according to ISBT guidelines. Pre printed with solution contents per bag<br/><b>Barcode system</b> – ISBT 128 barcodes on bag labels, GS1-128 barcodes on secondary packing and shipping carton<br/><b>Packing:</b> Blood bags are individually packed in Nylon/Polypropylene to lessen contamination. Airtight aluminum secondary packing<br/><b>Printing for Segment tubes:</b> laser printed to ensure traceability<br/><b>Clamp:</b> presence of clamp on the segment tubing</p> <p>Single Bag<br/>Double Bag<br/>Triple Bag<br/>Quadruple<br/><b>Transfer Bag</b>, 300ml<br/>Sterilization: Ethylene Oxide Gas<br/>Air Vent: 2 air vents for convenience<br/>Rinsing: no rinsing required<br/><b>Blood Filter for Platelet Concentrate</b><br/>Filter Material: highly porous polyurethane material<br/>Housing Material: polycarbonate</p> | <p>Piece 4,500<br/>Piece 1,000<br/>Piece 7,000<br/>Piece 100<br/>Piece 750<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>Piece 50</p> |  |  | <b>4,775,900.00</b> |

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|    | Housing Volume: 17 ml<br>Circuit material: PVC<br>Sterilization: Ethylene Oxide gas<br><b>Blood Filter For Packed Red Blood Cells</b><br>Filter Material – highly porous polyurethane material<br>Housing Material - polycarbonate<br>Housing Volume – 38 ml<br>Circuit material – PVC<br>Sterilization – Ethylene Oxide gas<br><b>Tube Welder Wafer, 140's ( 2 sets, 70 each)</b>  | Piece   | 50  |  |  |                   |
|    |   | Box   | 6   |  |  |                   |
| 17 | <b>Glasswares</b><br>1. <b>Beaker, Glass,</b> 1L, autoclavable graduated borosilicate glass, heat resistant, chemically stable; low-thermal expansion glass tested and calibrated in accordance with ISO/ IEC 17025 certified laboratory.<br>2. <b>Durham glass test tube</b> 10x75mm, Autoclavable, heat resistant<br>3. <b>Graduated Cylinder,</b> 1000 ml, Polypropylene, Acid Resistant<br>4. <b>Media bottle,</b> 500ml, screw cap,glass,autoclavable<br>5. <b>Screw cap glass bottle,</b> colorless, 120ml, sterile, reusable<br>6. <b>Test tubes glass,</b> 1000's/box, heat resistant,16x150mm, reusable<br>7. <b>Test tubes glass,</b> 50/box, 25x200mm, reusable glass<br>8. <b>Volumetric Flask,</b> 50 mL, Heat resistant<br>9. <b>Wash bottle,</b> 500mL, LDPE bottle, PP closure and stem, Closure type: screw, Narrow mouth, Milky white translucent bottle, Complies with Part 21 CFR 177.1520, for food use, Phthalate-freeBPA-free, Use with DI water, most acids, bases, alcohols, bleach, detergents, surfactants   | Piece<br><br>Piece<br><br>Piece<br><br>Piece<br><br>Box<br><br>Box<br><br>Piece<br>Piece                                  | 6<br><br>1000<br><br>2<br><br>20<br><br>4000<br><br>2<br><br>10<br><br>100<br>6 |  |  | <b>360,000.00</b> |
| 18 | <b>Media Reagents for Water Testing</b><br>1. <b>Ammonium Hydroxide,</b> NH <sub>4</sub> OH, 20-22%, 250 mL/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application<br>2. <b>Brilliant-Green 2%- Bile Broth granulated (500 g/bot.),</b> for the selective enrichment and enumeration of Escherichia coli and other fecal coliforms organisms in water by determining the coli titre or by the MPN method. Medium complies with recommendations of the Standards for examination of water and wastewater (1998, the International Organization for Standardization (ISO))(1979) and the DIN Norm 10172. composition: 10.0 peptone; lactose 10.0; ox bile, dried 20.0; brilliant green 0.0133. pH: 7.2 ± 0.2 at 25°C, the prepared broth is clear andgreen.<br>3. <b>Chloramine Kit with test reagents</b><br>4. <b>Cobalt Chloride hexahydrate, CoCl<sub>2</sub>.6H<sub>2</sub>O,</b> 100g/bot., 100g/bot., ACS reagent grade<br>5. <b>Denatured alcohol (3.785L/gallon)</b><br>6. <b>Hydrochloric acid, HCl, 37%, 250mL/bot.,</b> Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application<br>7. <b>Hydrogen peroxide, H<sub>2</sub>O<sub>2</sub>, 30% w/w,</b> 110ml/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application<br>8. <b>Potassium Chloride, KCl,</b> 500g/bot., AR grade<br>9. <b>Potassium Hexachloroplatinate, K<sub>2</sub>PtCl<sub>6</sub>,</b> 5g/bot.<br>10. <b>Potassium Permanganate, KMnO<sub>4</sub> ,</b> 500g/bot., ACS reagent grade, low mercury grade reagent<br>11. <b>Potassium Persulfate, K<sub>2</sub>S<sub>2</sub>O<sub>8</sub>,</b> 250g/bot., AR | Bottle<br><br>Bottle<br><br>Kit<br><br>Bottle<br>Gallon<br><br>Bottle<br><br>Bottle<br><br>Bottle<br>Bottle<br><br>Bottle | 6<br><br>10<br><br>1<br><br>2<br>10<br><br>5<br><br>10<br><br>2<br>2<br><br>2   |  |  | <b>806,470.00</b> |



|           |   |        |    |  |                  |  |
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|           | grade, low mercury grade reagent  | Bottle | 2  |  |                  |  |
|           | 12. <b>Lauryl Sulfate Broth</b> granulated (500 g/bot), selective culture medium used as a presumptive test for coliform bacteria and for the selective enrichment of coliform organisms in the analysis of water. Medium complies with APHA Recommendations for Water Examination (1998) and the ISO 5541-2 (1996) for milk and milk products. Composition: Tryptose 20.0; lactose 5.0; sodium chloride 5.0; sodium lauryl sulfate 1.0; di-potassium hydrogen phosphate 2.75; potassium dihydrogen phosphate 2.75. pH: 6.8 ±0.2 at 25° C. The prepared broth is clear and yellowish-brown. | Bottle | 20 |  |                  |  |
|           | 13. <b>Nitric Acid, HNO<sub>3</sub></b> , 69%, 250mL/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application   | Bottle | 5  |  |                  |  |
|           | 14. <b>Nutrient Agar</b> (500 g/bot.), universal culture media for cultivating less fastidious microorganisms. agar corresponds with the recommendations of APHA (1985) for the examination of dairy products. The media comply with the recommendations of the APHA for the examination of foods (1992). Composition: peptone from meat 5.0; meat extract 3.0; agar-agar 12.0. pH: 7.0 ± 0.2 at 25°C   | Bottle | 5  |  |                  |  |
|           | 15. <b>Residual Chlorine Reagent</b> , pack of 100  | Pack   |    |  |                  |  |
|           | 16. <b>Sodium Chloride, NaCl</b> , 500g/bot., AR grade  | Bottle | 10 |  |                  |  |
|           | 17. <b>Sodium Metasilicate Nonahydrate</b> , Reagent Grade, 250g/bot.   | Bottle | 2  |  |                  |  |
|           | 18. <b>Sulfuric Acid, H<sub>2</sub>SO<sub>4</sub></b> , 96%, 250 mL/bot., Ultratrace, ppt-trace analysis, Atomic Absorption Spectroscopy Application  | Bottle | 2  |  |                  |  |
|           |   |        | 5  |  |                  |  |
| <b>19</b> | <b>Pipette Tips</b>   |        |    |  | <b>29,600.00</b> |  |
|           | 1. Pipette Tips, 1-10uL, bulk, 1,000's/pack   | Pack   | 3  |  |                  |  |
|           | 2. Pipette Tips, 10-200uL, bulk, 1,000's/pack   | Pack   | 23 |  |                  |  |
|           | 3. Pipette Tips, 100-1000uL, bulk, 1,000's/pack   | Pack   | 3  |  |                  |  |

| <b>ISSUES RAISED</b>   | <b>CLARIFICATION</b>  |
|--|---|
| Where will the bidders reckon the 30-day delivery period? Is it from the receipt of the Notice to Proceed or from the Schedule of delivery given by the End-user? Is the 30-day delivery period computed on working days or calendar days? | Delivery period will commence from the time the Notice to Proceed is received by the bidder as specified in the Schedule of Requirements. Calendar days is used by the GPPB in specifying the timeline in the bidding process therefore WVMC BAC always uses calendar days in its timeline. |
| Will the BAC consider extending the delivery period from 30 days to 60-90 to give way for production in order for bidders to ensure that the stocks to be delivered are within the required shelf life?                                    | The End User will not agree to extend the delivery period beyond 30 days.   |
| On Item No. 61 (Blood Lancets, 200 per box), what is the gauge of the needle since the same was not specified in the Bidding Documents?  | The gauge of the needle is large as specified in the Technical Specifications.  |
| On Item Nos. 1-10, 52 and 90 (Rapid Test Kits), how long is the specific shelf life that is required for these items?  | Shelf life is 18 months from the day of delivery as written in the Special Conditions of Contract (6.2).  |

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| Will the BAC require one-time delivery of all items? This is so because there are items with very large quantities which may necessitate delivery per batch or tranche.           | Delivery of items shall be based on the delivery schedule as specified in the Schedule of Requirements.     |
| Will the BAC accept if the brand of the reagent is not necessarily the same as the brand of the machine considering that the machine that will be offered employs an open system? | Yes, provided that the reagent is compatible with the machine and control values are within +/- 2 SD units. |

This shall form an integral part of the Bid Documents.

For guidance and information of all concerned:

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