



BIDS AND AWARDS COMMITTEE

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**INVITATION TO BID FOR THE
PROCUREMENT OF LABORATORY MACHINES**

The *LGU-El Salvador City, Misamis Oriental*, through its Bids and Awards Committee (BAC), invites interested suppliers, to apply for eligibility and if found eligible, to bid for the contract:

1. Invitation to Bid No. : **2023-07-070**
Brief Description : **Procurement of Laboratory Machines**
Approved Budget for the Contract : **LOT 1 ₱ 2,250,000.00**
LOT 2 ₱ 2,600,000.00
Delivery Period : **within 30 calendar days upon receipt of NTP**
Source of Fund : **20% LDF Supplemental Budget No. 1**

Item Number	Description	Quantity	Unit
LOT 1			
1	Automated Benchtop Chemical Analyzer Technical Specifications: Throughput: -Up to 200 tests/hour -Up to 400 tests/hour with ISE Measuring Principles: Absorbance photometry turbidimetry, ion selective electrode, Technology Methodology: -End- point, fixed time, kinetic, optional ISE, Single/Dual reagent chemistries, monochromatic/bi-chromatic Original system pack reagent ready to use, Close system and open system is optional Reagent/Sample handling Reagent/Sample Tray:	1	Unit

	<p>Noise (dBA): <=58dB(A) Time range: 1-99 minutes adjustable Speed accuracy: +20/min Dimension (mm): 460*350*265mm Net weight (without rotor) 23KGS Power supply: AC 110 2</p>		
1	<p style="text-align: center;">LOT 2</p> <p>5 Parts Hematology Analyzer</p> <p>5-Part auto hematology analyzer is applicable to the customers who have less daily sample size and prepare to upgrade from 3-part into 5-part analyzer. This analyzer is in compact size and is equipped with 10.4 inch color LCD touch screen and can be operated w/o external printer, thereby saving the laboratory space, greatly reducing the instrument's cost of use and meeting the application requirements of the target customers.</p> <p>Specifications</p> <p>Principles: Flow Cytometry (FCM) + tri-angle laser scatter + chemical staining method for WBC differentiation cyanide free colorimetry for HGB test Parameters: 23 reportable parameters WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, bas%, RBC, HGB,HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT 4 research parameters: ALY#, ALY%, LIC#, LIC% 3 histograms for WBC, RBC and PLT Four 2D scattergrams for WBC differentiation</p> <p>Throughput Up to 60tests per hour Display 10.2 inches high resolution TFT touch screen Printout External printer, compatible with multiply laser/inkjet printers, compatible w/ various formats & user defined formats Storage up to 50,000 records Sample volume 20uL Linearity Range WBC: 0.00-300.00x10⁹/L RBC: 0.00-8-50x10¹²/L HGB:0-250g/L PLT: 0-3000x10⁹/L HCT: 0.0-67.0% Repeatability WBC≤2% (4.0-15.0x10⁹/L) RBC≤1.5% (3.5-6.0x10¹²/L) HGB ≤1.5% (70-120g/L) MCV≤1& (70-120fL) PLT≤6.0% (100-149x10⁹/L) ≤4.0% (150-500x10⁹/L) Sample mode whole blood, capillary whole blood and pre-diluted modes Interface 4 USB ports, 1 LAN port Power requirement 100V-240V, 50/60Hz, ≤200VA Dimension 364mm (W)*498mm (D)*431mm (H) Net weight 28kg</p>	1	Unit

	<p>-80 positions for reagents and 40 positions, for samples in 24-hour refrigerated, compartment (2~12)</p> <p>Reagent Volume: 10~250l, step by 0.5l Sample Volume: 2~45l, step by 0.1l Reagent/Sample probe: Liquid level detection, vertical collision, protection and inventory checking, reagent pre-warming Probe Cleaning: Automatic Washing for interior and exterior, carry over <0.05% Built-in Bar Code Reader (optional): used for sample and reagent programming, be applicable to various bar code systems of codabar, ITF, code128, code 39, UPC/EAN, code93 capable to communicate with LIS in bi-directional mode</p> <p>Reaction System Reaction rotor: Rotating tray, containing 40 cuvettes Reaction volume: 100~360l Reaction temperature: 37°C ±0.1°C Cuvette Washing: washing station with pre-warmed, detergent and de-ionized water Mixing Unit: Independent mixing bar</p> <p>Optical system Light Source: Halogen-Tungsten lamp Wavelength: wavelengths, 340nm 405nm 450nm 510nm 546nm 578nm 630nm 670nm Absorption range: 0~4.0 Abs (10mm conversion), resolution, 0.0001Abs Stray light: 5.6Abs Control and Calibration: Linear (one point, two points a,d multi points) Logit-Log 4P, Logit-Log 5P, spline, exponential, polynomial, parabola Control rules: X-R, L-J, Westgard multi-rule, cumulative sum, check, twin plot Water consumption: 4L/H</p> <p>Warranty : Lifetime Free Service Warranty 12 months warranty on parts</p>		
2	<p>24 Placer Digital clinical Centrifuge</p> <p>Technical Specifications: Speed range (rpm): 0-4—rpm adjustable Max capacity (ml): 6*50ml (rotor included:24x15ml) RCF range (xg) 0-2700xg adjustable</p>	1	Unit

<p>2</p>	<p>Electrolyte Analyzer</p> <p>7" color touch screen, easy to operate high accurate and long life electrode and TCO2 sensor, programmable multi-format print out, reagent pack, real time monitoring of reagent residual volume up to 10,000 test results can be stored RS-232 port, supporting bar code reader and USB interface, sleep mode to reduce reagent consumption Option: sample tray</p> <p>Specifications: Sample: serum plasma, whole blood and dilute urine Storage: up to 10000 test results Printer: internal thermal printer Interface: RS232 port Analysis method: ion selective electrode (ISE) Measuring speed: ≤30s Sample position: 39 positions (including 5 emergency and 4 functional positions) Working environment: Temperature: 5-40°C Relative humidity: ≤80% Atmospheric pressure: 86-106 kPa Power supply: AC220V±22V, 50Hz±1Hz Power: ≤120W Dimension: 340mm*200mm*380mm Net weight: 6kg</p>	<p>1</p>	<p>Unit</p>
<p>3</p>	<p>HBa1C MACHINE</p> <p>Specifications Specimen serum/plasma/whole blood/urine Weight & dimension 1.3kg, 225mmx152mm105mm Screen 7"touch screen Storage 10,000 memory capacity Printer built-in thermal printer Battery built-in lithium battery (standby time up to 10 hours) Information system RS232 (LIS/HIS) USB, Wifi, bluetooth</p>	<p>1</p>	<p>Unit</p>

Procurement will be conducted through open competitive bidding procedures in accordance with R.A. 9184 and its Revised Implementing Rules and Regulations.

To bid for this contract, a bidder must purchase bid documents and should have experienced in undertaking similar project within the last two (2) years with an amount of at least fifty percent (50%) of the proposed project for bidding. The eligibility check as well as the preliminary Examination of Bids shall use non-discretionary pass/fail criteria.

The significant time and deadlines for procurement activities are shown below:

ACTIVITY	DATE	TIME
1. Issuance of Bid Documents	July 20 to August 8, 2023	8:00 A.M. – 5:00 P.M. during office hours only
2. Pre-bid Conference	July 20, 2023	10 o'clock in the morning
3. Receipts of Bids	August 10, 2023	Deadline until 9 o'clock in the morning
4. Opening of Bids	August 10, 2023	9 o'clock in the morning

The BAC will issue hard copies of Bidding Documents at the BAC OFFICE 3rd FLOOR ADMIN BUILDING, El Salvador City Hall, Misamis Oriental, upon payment of a non-refundable fee of **FIVE THOUSAND PESOS (Php 5,000.00) ONLY** to the Treasurer's Office.

Bids must accompanied by a bid security, in the amount and acceptable form, as stated in Section 27.2 of the Revised IRR.

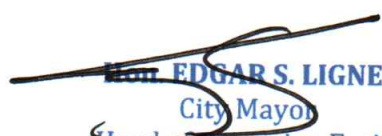
Prospective bidders shall submit their duly accomplished forms as specified in the BDs in two (2) separate sealed envelopes to the BAC Chairman. The first envelope shall contain the technical component of the bid including the eligibility requirements. The second envelope shall contain the financial component of the bid. Contract will be awarded to the Lowest Calculated Responsive Bid as determined in the bid evaluation and post-qualification.

The LGU-El Salvador reserves the right to accept or reject any bid and to annul the bidding process any time before Contract award and assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of their bids.

Approved by:


NOLLY ADRIAN B. GABULE
City Agriculturist
BAC Chairman

Noted by:


EDGAR S. LIGNES
City Mayor
Head of Procuring Entity

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Posted in conspicuous place, City Hall premises
Website: <https://www.philgeps.gov.ph>