





Republic of the Philippines VISAYAS STATE UNIVERSITY

Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No.: PPMP-2024-052424-0149

PR No.: GF-2024-05-01188

Date: 05-27-2024

Dept./Office: USHER

Category: Laboratory

Equipment

Section/End-User: Clara P. Mercado Funding Source: Special Trust Fund

Project Title/Code: Laboratory Equipment 3

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Electrolyte Analyzer	unit	- 1	350,000.00	_	350,000.00

Specification:

- · SPECIFICATIONS:
- SAMPLES
- · ? Serum, blood plasma, whole blood, diluted urine
- ANALYSIS SPEED
- · ? >60 Samples/hour
- ANALYSIS PRINCIPLE
- · ? Ion selective electrodes
- ION ELECTRODE
- ? Potassium (K+), Sodium (Na+), Chloride (Cl-)
- RINSE METHOD
- ? Automatic rinse
- SAMPLE VOLUME
- ? 100µL
- DATA OUTPUT
- ? 58mm thermal printer, LCD displaying in English. Standard RS-232
- WORKING ENVIRONMENT
- ? Temperature 5-40°C, Humidity <85%
- POWER REQUIREMENT
- ? 165-242V, 50/60 Hz, <35VA
- DIMENSION
- ? 350 (H) 280 (W) 300 (D) mm
- WEIGHT
- ?8 Kg

2	HbA1c ANALYZER	unit	1	250,000.00	250,000.00
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Specification:

- SPECIFICATIONS
- · Easy to use
- · ? User-friendly features minimize training time
- · ? Step by Step instructions on display
- · ? User selectable language

- ? Just 4µl blood required from finger prick or venous sample
- ? Innovative blood collector allows easy and consistent sampling
- ? Compact: 95 mm (h) x 205 mm (w) x 135 mm (d)
- · ? Lightweight: 0.7 kg
- · Efficient data handling
- ? Barcode reader to scan calibration data, patient and operator ID
- ? Stores up to 7,000 results
- ? User selectable dual reporting. User can select % DCCT, IFCC mmol/mol, eAG mg/dl or
- eAG mmol/l
- · ? USB port
- · ? Optional label printer available
- · Fast and accurate
- · ? Results within 4 minutes
- ? Uses boronate affinity methodology which is widely recognized as interference-free
- ? Measuring range: 4-15 % A1c DCCT
- ? Imprecision: CV < 3 % at 7 % A1c DCCT
- ? Unaffected by Hemoglobin (Hb) variants, which do not result in reduced erythrocyte life span
- · ? Traceable to the IFCC reference method
- . WARRANTY: One (1) year on parts and service
- INSTALLATION & TRAINING: On-site free of charge
- VALIDITY: 30 days

	TOTAL			600,000.00	
Purpose: Use	for serum electrolyte determina	tion			
Checked by:	alizabeth S. QUEVEL			AM. FLORES & PM	
	TWG - Laboratory Equipm	nent	HEAD, BUDGET OFFICE		
Signature: Printed Name:	Prepared by:	Noted by:	/ JAY V. YU	Approved by: PROSE IVY G. YEPES	
Designation:	V V	UNIT HEAD, PR	ROJECT LEADER	PRESIDENT, VSU	