



Republic of the Philippines
VISAYAS STATE UNIVERSITY
 Visca, Baybay City, Leyte



GF-2021-09-00730

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 9/1/21

PURCHASE REQUEST

Dept./Office: **VSUHSO**PR #: **GF-2021-09-00730**Date: **09-01-2021**Section/End-User: **Clara P. Mercado**Category: **Medical & Dental Supplies & Equipment**Funding Source: **General Fund - MOOE**Project Title/Code: **VSU-USHER**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Pulse Oximeter	pcs	12	2,000.00		24,000.00

Specification:

Specifications:

1. Display Format: Digital tube Display; SpO2 Measuring Range: 0% - 100%; Pulse Rate Measuring Range: 30 bpm - 250 bpm; Pulse Intensity Display: columniation display
2. Power requirements: 2 x 1.5VAAA alkaline battery; adaptable range: 2.6V - 3.6V
3. Power consumption: Smaller than 25 mA.
4. Resolution: 1% for SpO2; and 1 bpm for Pulse Rate.
5. Measurement Accuracy: + 2% in stage of 70%-100% SpO2, and meaningless when stage being smaller than 70% +2 bpm or +2% (select large) for Pulse Rate Clinical Trial: SpO2 regression plot and Bland-Altman plot.
6. Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is +4%, pulse rate error is +2 bpm or +2% (select larger).
7. Resistance to surrounding light: The deviation between the value measured in the condition of man-made light, indoor natural light and that of darkroom is less than +1%.
8. It is equipped with a switch function. The Oximeter can be powered off when the finger is off the oximeter within 5 seconds.
9. Optical Sensor : Red light (wavelength is 660nm, 6.65mW); Infrared (wavelength is 880nm; 6.75m W)

TOTAL						24,000.00
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Purpose: For COVID-19 patients monitoring use.

Checked by:	 MERRY CHRISTL S. GUINOCOR		Funds Available:	 MYRNA S. PANCITO	
	TWG - Medical & Dental Supplies & Equipment			HEAD, BUDGET OFFICE	
Signature:	Requested by:	Noted by:	Approved by:		
Printed Name:	CLARA P. MERCADO		ELWIN JAY V. YU		
Designation:	END USER 4-01-21		UNIT HEAD, PROJECT LEADER		
			EDGARDO E. TULIN		
			PRESIDENT, VSU		