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PR-2022-0913-62834



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

PURCHASE REQUEST

Dept./Office: **PRCRTC** PR No.: **GF-2022-09-01640** Date: **09-13-2022**
 Section/End-User: **Joy C. Codog** Category: **Laboratory Equipment** Duration: **2024-07-01 to 2024-07-01**
 Funding Source: **General Fund - MOOE** Project Title/Code: **VSU-IP-2022-1(Field and other supplies)**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	Hydroponic Waterproof pH/EC/TDS/Temperature Portable Meter	pc	1	18,000.00		18,000.00

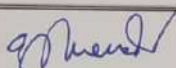
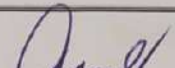
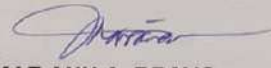
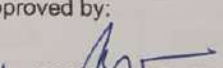
Specification:

pH Range	0.00 to 14.00 pH
pH Resolution	0.01 pH
pH Accuracy	±0.1 pH
pH Calibration	automatic, at one or two points using standard buffers (pH 4.01, 7.01, 10.01); one point calibration using quick calibration solution
pH Temperature Compensation	automatic
EC Range	0.00 to 6.00 mS/cm
EC Resolution	0.01 mS/cm
EC Accuracy	±2% F.S.
EC Calibration	automatic, one-point at 1.41 mS/cm or 5.00 mS/cm; one point calibration using quick calibration solution
TDS Range	0 to 3000 ppm (500 CF); 0 to 3999 ppm (700 CF)
TDS Resolution	10 ppm (mg/L)
TDS Accuracy	±2% F.S.
TDS Calibration	done through conductivity
EC/TDS Temperature Compensation	EC/TDS
EC to TDS Conversion Factor	0.5 (500 ppm) or 0.7 (700 ppm)
Cell Type	amperometric two pole
Temperature Range	0.0 to 60.0°C / 32.0 to 140.0°F
Temperature Resolution	0.1°C / 0.1°F
Temperature Accuracy	±0.5°C / ±1°F
Automatic Shut-Off	auto-off after 8 minutes of non-use

Battery Type/Life	1.5V (4) / approx. 100 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH max 100%
Dimensions	163 x 40 x 26 mm (6.4 x 1.6 x 1.0")
Weight	100 g (3.5 oz.)

	TOTAL						18,000.00
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Purpose: field and other supplies

Checked by:  ELIZABETH S. QUEVEDO		Funds Available:  ALICIA M. FLORES	
TWG - Laboratory Equipment		HEAD, BUDGET OFFICE	
Signature: 	Requested by: 	Noted by: 	Approved by: 
Printed Name: JOY C. CODOG		MAE ANN A. BRAVO	EDGARDO E. TULIN
Designation: END USER		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU