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PR-2024-0215-178743

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

PURCHASE REQUEST

PPMP No. : **15-1-8-2024-0-0-7**

PR No.: **STF-2024-02-00522**

Date: **02-15-2024**

Dept./Office: **DOPAC**

Category: **Laboratory Equipment**

Section/End-User: **Jane M. Abapo**

Funding Source: **Special Trust Fund**

Project Title/Code: **Laboratory Supplies 2024**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	**Benchtop Multiparameter Meter**	set	1	190,000.00		190,000.00

Specification:

Inclusions	• 1 Meter • 1 Glass pH Electrode with built-in temp sensor • 1 Conductivity Electrode with built-in temp sensor • Meter Accessory set • Buffer solutions (4, 7, 10) 250 mL each bottle • 3.33 M KCl reference electrolyte (250 mL) • Conductivity Standard Solutions (84 uS/cm, 1413 uS/cm, 12.88 mS/cm, 111.8 mS/cm) 250 mL each bottle • Delivery and Installation • 1 Free PM and Calibration 1 year after the installation
Meter Specifications	• Meter must be dual channel and able to do simultaneous measurements • 1 channel must be able to measure either pH, Ion, mV, and ORP • 1 channel must be able to measure either conductivity, salinity, resistivity, and TDS • Both channels must display temperature data • Meter display must be colored screen to distinguish between parameters • Meter display must be touchscreen (or no buttons) and waterproof or chemical-resistant to prevent moisture and chemical damage during analysis • Meter display must be covered with a glass panel and protection cover • Meter must have an automatic calibration function and automatic buffer recognition • Meter software must include electrode status • Power Requirement of the equipment is 220V.
pH specifications	• Measurement must be though glass electrode method • Measurement range must have a wider range than pH 0.000– 14.000 • Resolution must be up to 0.001 pH • Accuracy must be ±0.001 pH • pH calibration must be up to 5 points