



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

## PURCHASE REQUEST

PPMP No. : 5-5-2134-2023-7-0-2

PR No.: GF-2023-03-00413

Date: 03-17-2023

Dept./Office: DBS

Category: **Laboratory  
Analysis and Services**

Duration: 2022-07-01

Section/End-User: **Marirose A. Balicante**

to

2025-06-30

Funding Source: **General Fund - MOOE**

Project Title/Code: **VSU-IP-2022-6**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	<b>Chlorophyll-a Analysis</b>	sample	42	200.00	ANALYN M. MAZO	8,400.00

**Specification:**

**Chlorophyll-a (mg/L)**

- Spectrophotometric method
- Sample volume: 250 mL
- Measure chlorophyll a at 665nm and 750nm absorbance
- All based on 90% acetone extraction
- Bandwidth should not exceed 2 nm
- Sample chlorophyll-a from river, coastal and estuarine waters.

2	<b>WATER LABORATORY ANALYSIS</b>	sample	42	4,000.00	ANALYN M. MAZO	168,000.00
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**Specification:**

Perform freshwater and seawater analysis to determine physico-chemical properties of the water samples.

**Dissoived Oxygen (mg/L)**

- Test method: Azide Modification

**Biochemical Oxygen Demand (mg/L)**

- Test method: 5 Days BOD test







**Nitrate (mg/L)**

- Test method: Colormetric

**Phosphate (mg/L)**

- Test method: Colorimetric

**Chloride**

-Test method: Argentometry  <b>Color</b>  -Test method: Photometric or visual comparison						
3	<b>Water Laboratory Analysis-microbial</b>	sample	3	700.00	ANALYN M. MAZO	2,100.00
<b>Specification:</b>  Perform Fecal Coliform test for freshwater and seawater samples.						
<b>TOTAL</b>				<b>178,500.00</b>		
Purpose: To be used for the analysis of water samples, field sampling this first quarter 2023.						
Checked by:  <b>ELIZABETH S. QUEVEDO</b>				Funds Available:  <b>ALICIA M. FLORES</b>		
TWG - Laboratory Analysis and Services				HEAD, BUDGET OFFICE 		
Signature:	Requested by: 	Noted by: 		Approved by: 		
Printed Name:	<b>MARIROSE A. BALICANTE</b>	<b>ANALYN M. MAZO</b>		<b>EDGARDO E. TULIN</b>		
Designation:	END USER	UNIT HEAD, PROJECT LEADER		PRESIDENT, VSU 