



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

7-E-11

## PURCHASE REQUEST

PPMP No. : PPMP-2025-050625-1151

PR No.: TF-2025-07-00769

Date: 07-02-2025

Dept./Office: DPM

Category: Laboratory  
Analysis and ServicesDuration: 2025-03-01  
to  
2026-08-31

Section/End-User: Joshua L. Abelitado

Project Title/Code: 20201050-1.123  
\_ BEACON\_ GCMS & HPLC

Funding Source: Trust Fund

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	gas chromatography mass spectrometry	sample	20	7,200.00		144,000.00

**Specification:**

- Laboratory Analysis
- Consumable
- maximum of 20 samples to be analyze
- capable of analyzing volatile organic compounds for qualitative and quantitative analysis
- Headspace and/or liquid injection analysis for GC-MS.
- Tentative/putative compound identification by spectral matching using GC-MS, and based on accurate mass and MS/MS fragmentation.
- Quantitative analysis of identified compounds using GC-MS
- Non-destructive separation (i.e. fractionation) of compounds in crude extracts
- Scanning electron microscopy


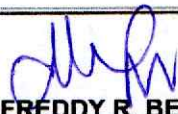


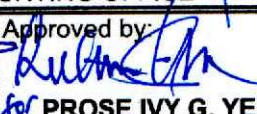
2	Scanning Electron Microscopy Services	sample	5	12,000.00		60,000.00
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**Specification:**

- Laboratory Analysis
- Consumable
- 5 samples are expected to be analyze
- offer a wide range of magnification, approximately from 10x to 300,000x or more, enabling the visualization of both large structures and nanoscale features.
- The resolution can range from below 1 nanometer up to several nanometers, allowing for detailed imaging of microstructures.
- SEM services can capture high-resolution images, with some instruments capable of producing images up to ~16384 x 16384 pixels.

	<b>TOTAL</b>					<b>204,000.00</b>
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Purpose: GCMS and SEM

Checked by:  <b>ELIZABETH S. QUEVEDO</b>		Funds Available:  <b>NICK FREDDY R. BELLO</b>	
TWG - Laboratory Analysis and Services		HEAD, ACCOUNTING OFFICE -	
Signature:	Prepared by: 	Noted by: 	Approved by: 
Printed Name:	<b>JOSHUA L. ABELITADO</b>	<b>JUSTINE BENNETTE H. MILLADO</b>	<b>for PROSE IVY G. YEPES</b>
Designation:		UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU