



MARKET SCOPING CHECKLIST

1. AGENCY INFORMATION

Name of Procuring Entity	Visayas State University
End-User/Implementing Unit	Faculty of Forestry and
Name & Designation of Representative	Renezita S. Come-Project Leader

2. PROJECT OVERVIEW

Project Name	VTSYIQI Digital Chlorophyll Content Meter Chlorophyll Analyzer Measurement Range from 0.0 to 99.9SPAD and from -10 to 99.9°C Repeatability ± 0.3 SPAD $\pm 0.2^\circ\text{C}$ Measurement Precision ± 1.0 SPAD $\pm 0.5^\circ\text{C}$ Silicon Semiconductor Photodiode Sensors
Estimated Budget	50,000.00 php
Period of Market Scoping [From (mm/yyyy) To (mm/yyyy)]	1/2026 – 12/2026
Expected Date of Delivery (mm/yyyy)	3/2026

3. MARKET SCOPING ACTIVITY/IES CONDUCTED *(Check all that apply)*

This confirms that market scoping activities were conducted in accordance with Section 10 of Republic Act No. 12009 and its Implementing Rules and Regulations (IRR), and considered in the Project Procurement Management Plan, consistent with the Principle of Proportionality.

Check (✓)	Activity/ies Conducted	Documentation (as may be applicable)
☐	Consultations with suppliers / contractors / consultants/ professional associations or industry groups	Highlights of consultations or meetings/ Proof of attendance/ Reports / Summaries/ Screenshots / Brochures / Publications/ Price quotations/ Canvass sheets/ Market Analysis Report or similar document/s
☐	Participation in summits, fora, or conferences	Highlights of consultations or meetings/ Proof of Attendance/ Reports

☐	Review of technical, financial, or market/scientific reports	Reports / Summaries/ Screenshots / Brochures / Publications, Market Analysis Report or similar document/ Online Product Reviews
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Check (✓)	Activity/ies Conducted	Documentation (as may be applicable)
☒	Review of product or service brochures, marketing materials, industry journals and publications or related materials	Reports / Summaries/ Screenshots / Brochures / Publications/ Online Product Reviews
☐	Price sourcing for quotations or cost estimates from suppliers, contractors, or consultants	Price quotations/ Canvass sheets/ Online Product Reviews
☐	Use of data from PhilGEPS or agency websites	Reports / Summaries/ Screenshots, Price quotations/ Canvass sheets/ PhilGEPS Postings/ Online Product Reviews
☐	Other analogous market scoping activity/ies undertaken: _____	

Notes:

- i. *The market scoping activities shall be identified and undertaken at the option of the End-User or Implementing Unit based on its needs and objectives.*
- ii. *The list of supporting documents in the Documentation column is not exclusive and may include other documents that may be gathered by the End-User or Implementing Unit pertinent to the activity/ies conducted.*

4. MARKET SCOPING RESULTS

Indicate recommendations in the column provided based on the results of the market scoping activities undertaken. These recommendations shall be considered in the development of a comprehensive and realistic PPMP, taking into account the parameters outlined under Section 10.4 of the IRR of RA 12009, as may be applicable.

Parameters	Considered? (Yes/No/ Not Applicable)	Recommendations based on the Market Scoping (Attach additional documents if necessary)
a. Project Cost Estimate [Does the cost estimate align with current market prices?]	Yes	Unit Cost Estimated (50,000) https://www.vtsyiqi.net/products/vtsyiqi-digital-chlorophyll-content-meter-chlorophyll-analyzer-measurement-range-from-0-0-to-99-9spad-and-from-10-to-99-9-c-repeatability-0-3spad-0-2-c-precision-1-0-spad-0-5-c-silicon-semiconductor-photodiode-sensors?variant=45837346472157&country=US&currency=USD&utm_medium=product_sync&utm_source=google&utm_content=sag_organic&utm_campaign=sag_organic&srltid=AfmBOopHqDtjSrPtNTpFhJ_sJEb096rhFoDIRrQK_VJYyL7xYMEpJ7MfOR_c

Parameters	Considered? (Yes/No/ Not Applicable)	Recommendations based on the Market Scoping (Attach additional documents if necessary)
b. Project Design and Specification [Does available supplier/s meet technical and financial requirements?]	Yes	Technical parameters: - Test objects: Chlorophyll Content, Leaf Temperature Measuring Range - Chlorophyll: 0.0~99.9SPAD - Leaf surface temperature: -10~99.9°C Measurement accuracy - Chlorophyll : ± 1.0 SPAD (SPAD values range from 0 to 50 at room temperature) - Leaf surface temperature : $\pm 0.5^\circ\text{C}$

		Repeatability - Chlorophyll : ± 0.3 SPAD (SPAD values range from 0 to 50) - Leaf surface temperature : $\pm 0.2^{\circ}\text{C}$ - Measurement time interval: 2 seconds - Measure area: 2mm*2mm - Power Supply: 2 1.5V dry batteries, capable of continuous measurement up to 5000 time - Data storage capacity: Host 1000 pieces of data, unlimited storage in the instrument APP
c. Technical Criteria [Does the market support the proposed technical requirements?]		- The reviewed product specifications confirm that the market supports the required technical criteria for chlorophyll content and leaf temperature measurement. - The measuring range, accuracy, repeatability, and data storage capacity are consistent with commonly available digital chlorophyll meters offered by international suppliers. - The use of silicon semiconductor photodiode sensors and compatibility with a mobile application indicates compliance with current industry standards for plant physiological measurement instruments
d. Delivery Lead Time [Are the timelines for delivery feasible?]		- Based on information from the supplier's website and standard international shipping practices, delivery within March 2026 is feasible. - The product is commercially available and not custom-built, reducing the risk of extended manufacturing lead

		times. • Adequate allowance has been provided in the procurement timeline to account for order processing and shipping.
e. Storage and Warehousing Requirements [Can the storage/warehousing needs to be met considering specific conditions like temperature, humidity, and handling?]		• The equipment is handheld, compact, and battery-operated, requiring minimal storage space. • Standard office or laboratory storage conditions (room temperature, dry environment) are sufficient. • No special warehousing requirements such as cold storage or controlled humidity are necessary, and existing facilities of the End-User can adequately accommodate the equipment.
f. Identified Risk/s [Were there any market risks identified? (e.g., limited suppliers, price volatility)]		• Potential risks include limited availability of local suppliers, as the product is primarily sourced from international vendors. • These risks may be mitigated by early procurement planning, inclusion of contingency in cost estimates, and verification of supplier reliability during the procurement process

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