



Republic of the Philippines  
**LAGUNA LAKE DEVELOPMENT AUTHORITY**

**BID BULLETIN NO. 1**

This supplemental/bid bulletin is issued to inform all participating bidders of the following amendments to the issued bidding documents for the **supply and delivery of various Laboratory Equipment with Contract No. LAB-2021-05:**

Item No.	Equipment	Technical Specifications	
		Original	Amendment/Additional Specifications
1	Ammonia ISE with Consumable	- Expiration date is at least 2 years upon delivery	- Consumable only - Reference Filling Solution: 60mL - Calibration Std. Solution: 475mL - ISA Cat No. 475mL - Expiration: minimum of one (1) year from the delivery period
2	Biological Refrigerator	- Solid door with 4 shelves  - conforms with ISO/DIN/SNAP compliant	-Solid door, stainless steel or coated -with four (4) adjustable shelves  - conforms with ISO/DIN/SNAP compliant or CFC free  - Self-closing system - Maximum height: 6ft.
5	Refrigerator	- Capacity of 300 liters minimum	- Capacity: 300 L (10 ft <sup>3</sup> ) minimum - Maximum height: 6 ft
7	Magnetic Stirrer	Accessories: - Stirring bars with stirring bar remover	Accessories: - Stirring bars with stirring bar remover -Size of stirring bars: 1 in - Material: PTFE coated



ISO 9001:2015 Certified Quality Management System  
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8	Drying Oven	<ul style="list-style-type: none"> <li>- Internals: 2 stainless steel grid (s), electropolished</li> <li>- With at least 3 years warranty</li> </ul>	<ul style="list-style-type: none"> <li>- Stirring remover: 12 in</li> <li>- Internals: 2 perforated stainless steel shelf</li> <li>- With at least two (2) years warranty</li> </ul>
9	pH Meter	<ul style="list-style-type: none"> <li>- Resolution: MV: 01</li> </ul>	<ul style="list-style-type: none"> <li>- Resolution: MV 0.1</li> <li>-Laboratory hand held</li> </ul>
13	UV/VIS Spectrophotometer	<p>UV-VIS Spectrophotometer accessories:</p> <ul style="list-style-type: none"> <li>- 4 pieces quartz cuvette, 10mm path length</li> </ul>	<ul style="list-style-type: none"> <li>- Stand alone and/or PC controlled</li> <li>- Each unit of UV VIS has the following accessories: PC, printer, 4 cuvettes, 10mm path length</li> </ul>

For the Audited Financial Statements stamped "received" by the BIR, electronic proof of payment from the BIR is acceptable.

Please be guided accordingly.

**ENGR. EMITERIO C. HERNANDEZ**  
BAC Chairperson