

# Technical Specifications

<i>Item</i>	<i>Specification</i>
<b>Lot 1</b> (PCR, Flow cytometer, and Spectrophotometer) <b>Qty:1</b> <b>ABC: PhP 11,700,000</b> <b>Delivery Terms: 90 days</b>	
<ul style="list-style-type: none"> <li>Flow cytometer with accessories (1 unit)</li> </ul>	<ol style="list-style-type: none"> <li>Must have at least blue laser with at least 6 detection channels</li> <li>Built-in sample focusing technology to support high volume runs</li> <li>25µL-3mL sample volume for analysis</li> <li>15µL-1000µL/min sample flow rate</li> <li>High fluorescence sensitivity: at least 50 MESF for FITC, at least 20 MESF for PE</li> <li>Fluorescence resolution of CV&lt;3%</li> <li>At least 30000 events/sec data acquisition capacity with a minimum of 20 parameters</li> <li>Forward and side scatter options with built-in 488/10 nm filter or (PMT or FAPD)</li> <li>Upgradable to at least 10 individual fluorescence detectors</li> <li>Active fluid-level sensing</li> <li>Power requirements: 220-240 V, 50-60Hz</li> <li>Power consumption:&lt;150 Watts</li> </ol>
<ul style="list-style-type: none"> <li>Equipment accessories for Flow Cytometer as follows:</li> </ul>	<ol style="list-style-type: none"> <li>1 Set of Software for data analysis for multiple users. Lifetime use and capable of the following applications: Flow rate control, live update of statistics during acquisition of events, comparative analysis between samples and 2D to 3D view option, sample recovery, direct concentration measurements, bubble detection, heat map generation, hierarchal gating and gate derivation, etc.</li> <li>1-unit dedicated desktop computer system (with mouse and keyboard) for data analysis. Unit should have an operating system, processor and RAM capacity that is recommended for the accompanying software for data analysis.</li> <li>1-unit laptop, for flexible data analysis and processing. Unit should have an operating system, processor and RAM capacity that is recommended for the accompanying software for data analysis.</li> <li>1-unit colored printer for data reproduction</li> <li>1-unit 1KVA UPS</li> <li>2-units AVR</li> </ol>
<ul style="list-style-type: none"> <li>Equipment inclusions for Flow Cytometer as follows:</li> </ul>	<ol style="list-style-type: none"> <li>Starter Kits for flow cytometer</li> <li>Delivery within 90 days</li> </ol>