



SUPPLEMENTAL / BID BULLETIN
UNIVERSITY OF THE PHILIPPINES MANILA
The Health Sciences Center
Bids and Awards Committee 1
Taft Avenue, Manila
Trunk Line No. 8554-8400 Local 3014/3015



BID BULLETIN NO. 2024-005

**for the Supply, Delivery, Installation and
Commissioning of Flow Cytometry Machine Inclusive
for Acute Leukemia Panel
19 January 2024**

Pursuant to Section 22.5.1 of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184, the Bids and Awards Committee 1 is issuing this bid bulletin to modify or amend the following items in the Bid Documents in response to / to address the request / clarification of the prospective bidder/s who attended the pre-bid conference held on 12 January 2024:

1. The following should be modified the Section VI, Section VII, and in the Price Schedule Annex A:

Item No.	From	To
A.1	The offered machine should be provided with up to 13 color detection and 3 laser capability.	<u>Brand new machine should be provided with the following:</u> <u>a. At least 10 to 13 color configuration/detection</u> <u>b. At least 3 laser capability</u> <u>c. Universal sample autoloader for tubes and plates</u> <u>d. Software for acquisition and analysis</u>
A.9	Throughput of the machine should be at least 30 tests in 2 hours	Throughput of the machine should be at least 30 <u>samples</u> in 2 hours
B.1	With at least 100 tests for Acute Leukemia Panel	<u>Inclusive of at least 100 tests for Acute Leukemia Panel such as:</u> <u>a. ALL-50 test</u> <u>b. AML-50 test</u>
C	Accessories 1. Equipment table 2. Reagent processing table 3. Centrifuge 4. Vortex Mixer 5. Pipettor set 6. AVR 7. Uninterrupted Power Supply 8. 1 Air-condition unit	<u>Accessories</u> <u>1. Equipment Table</u> <u>a. It should fit the Flow Cytometer machine that measures at least 80 cm (H) x 180 cm (L) x 130 cm (W)</u> <u>b. With a chemical-resistant tabletop.</u> <u>2. Reagent processing table</u> <u>a. It should be at least 30 to 36 inches (H) x 30 to 120 inches (L) x 24 to 36 inches (W)</u> <u>b. With a chemical-resistant tabletop</u> <u>3. Centrifuge</u> <u>a. It should be Bench-top type</u> <u>b. Refrigeration capability with a temperature range from -20°C to +40°C</u>

Item No.	From	To
		<p>c. <u>Four (4) – placer swing-out rotor with up to 5,000 maximum RCF, bucket with bio-containment lid, and adapters for 5-mL, 10-mL, 15-mL, and 50-mL tubes/vessels</u></p> <p>4. <u>Vortex Mixer</u> <u>It should have variable speed of up to 600 to 3,200 RPM and hands-free or touch-on control with pop-off cup and/or platform head attachment.</u></p> <p>5. <u>Pipettor set</u> <u>It should have at least two (2) sets for reagent and patient specimen use containing the following:</u></p> <p>i. <u>One (1) Single-channel pipette with variable volume of at least 0.5 to 10µL</u></p> <p>ii. <u>One (1) Single-channel pipette with variable volume of at least 2 to 20µL</u></p> <p>iii. <u>One (1) Single-channel pipette with variable volume of at least 10 to 100µL</u></p> <p>iv. <u>One (1) Single-channel pipette with variable volume of at least 20 to 200µL</u></p> <p>v. <u>One (1) Single-channel pipette with variable volume of at least 100 to 1,000µL</u></p> <p>vi. <u>One (1) Single-channel pipette with variable volume of at least 5mL to 10mL</u></p> <p>vii. <u>Two (2) Pipettor set carousel/stand</u> <u>Tips stand/box for 10 to 100µL, 500µL-1000µL and 5mL-10mL</u></p> <p>6. <u>AVR (Automated Voltage Regulator) for each machine (Flow cytometer, centrifuge, and computer) It should have the following:</u></p> <p>a. <u>Relay type</u></p> <p>b. <u>Maximum capacity of up to 500 watts</u></p> <p>c. <u>Input range of up to 180 to 250VAC</u></p> <p>d. <u>Output range of 220V AC 60Hz x 3(+/-5%) Lifetime</u></p> <p>e. <u>Four (4) outlets</u></p> <p>7. <u>Uninterrupted Power Supply for each machine (flow cytometer, centrifuge and computer) It should have the following:</u></p> <p>a. <u>AC input of 220VAC, 50/60Hz, 14.36A</u></p> <p>b. <u>AC output of 220VAC, 50/60Hz, 13.64A</u></p> <p>c. <u>Capacity of 3kVA/2.7kW</u></p> <p>8. <u>1-Air-condition unit</u></p> <p>a. <u>It should be a dual inverter split-type</u></p> <p>b. <u>With at least 2 HP</u></p>

Item No.	From	To
C.9.1	2 Computer sets	<p><u>Two (2) computer sets should have the following:</u></p> <ul style="list-style-type: none"> a. <u>At least 14th generation intel Core i7-14700 (20-core, 33 MB Cache, up to 5.4 GHz)</u> b. <u>Windows 11 Pro, 64-bit operating system</u> c. <u>Intel UHD Graphics 770 with shared graphics memory</u> d. <u>At least 32 GB (2 x 16 GB), DDRS, 4800 memory</u> e. <u>At least 1 TB M.2PCIe NVMe solid state drive storage</u> f. <u>At least 1 TB 7,200 RPM 3.5" SATA hard drive storage</u> g. <u>Keyboard</u> h. <u>Mouse</u>
C.9.2 to C.9.5	2. 1 Printer 3. 1 Barcode Scanner 4. 1 Barcode Printer 5. 6 Rolls of Barcode Stickers	<p><u>2. One (1) printer</u></p> <ul style="list-style-type: none"> a. <u>All-in-one printer, copier and scanner</u> b. <u>Colored ink-tank type</u> c. <u>Automatic document feeder capability</u> d. <u>WiFi or WiFi Direct connectivity</u> <p><u>3. One (1) barcode scanner</u> <u>It should be able to read 2D and 3D barcodes.</u></p> <p><u>4. One (1) barcode printer</u></p> <ul style="list-style-type: none"> a. <u>Direct thermal transfer type</u> b. <u>Up to 2-in barcode stickers</u> c. <u>203 dpi/8 dots per mm resolution</u> d. <u>4 inches/102 mm per second print speed</u> e. <u>Single LED status indicator</u> f. <u>2:1 and 3:1 barcode ratio</u> g. <u>With factory-installed peeler</u> h. <u>Single button for feed/pause</u> i. <u>USB connectivity</u> j. <u>Dual-wall frame construction</u> k. <u>Windows 11 compatible with backward compatibility</u> l. <u>One (1) year warranty on parts and services</u> <p><u>5. Six (6) rolls of barcode stickers</u></p> <ul style="list-style-type: none"> a. <u>It should be compatible with the barcode printer</u> b. <u>Direct Thermal Labels</u> c. <u>Size: 50mm width x 20mm length</u> d. <u>Quantity: 3,320 pcs/roll, 1" core</u> e. <u>Without sec cut, round corners with gap perf.</u> <p><u>6. Blood specimen rotator</u></p> <ul style="list-style-type: none"> a. <u>Speed: 5-30 RPM</u> b. <u>With rocking motion and rotation around horizontal axis</u> c. <u>Power requirements: 100-240v/50/60Hz</u> d. <u>With voltage surge protection</u>

Item No.	From	To
		<p>e. <u>Capacity: 22 tubes, 10-16mm diameter (1.5mL-15mL tubes)</u></p> <p>7. <u>Test tube racks</u></p> <p>a. <u>One (1) 5ml</u></p> <p>b. <u>One (1) 10ml</u></p> <p>c. <u>One (1) 50ml</u></p>

2. The following should be modified the Terms and Conditions in the Section VI, Section VII, and in the Price Schedule Annex A:

Item No.	From	To
B.1	Delivery Period: Within Ninety (90) calendar days after receipt of Notice to Proceed (NTP)	Delivery Period: Within <u>One Hundred Twenty (120) calendar days</u> after receipt of Notice to Proceed (NTP)
B.7	Consumables for the initial setup, control and calibration of the machine should be included. For machine validation two (2) tests of each of the panel will be provided free of charge.	Consumables for the initial setup, control and calibration of the machine should be included. For machine validation two (2) tests of each of the panel will be provided free of charge. <u>The excess consumable reagents from the 100 tests free reagents of the Acute Leukemia Panel may serve as the validation tests.</u>
B.11	Acceptance Procedures and Parameters: Visual and functional testing.	Acceptance Procedures and Parameters: a. Visual and functional testing. b. Functional Testing c. Precision/Accuracy Testing d. Analytical Sensitivity (limits of blank) e. Analytical Specificity and Interference Testing

3. The following should be modified in the Section VI (Schedule of Requirements) as:

From	To
I hereby commit to deliver/perform the required comprehensive maintenance services upon receipt of the Contract as indicated above.	<u>I hereby commit to deliver/perform all the requirements upon receipt of the Contract as indicated above.</u>

4. The following should be added under Consumables:

1. Pipette tips
 - a. 1 pack for 20µL-200µL
 - b. 1 pack for 500µL-1000µL
2. Ink for the printer
3. Polystyrenesample tubes
 - a. 1 box (500 pcs) 5mL-10mL
4. Conical tubes 15 ml, sterile, polypropylene (1 pack) 100 pcs/pack
5. Conical tubes 50 ml, sterile, polypropylene (1 pack) 100 pcs/pack
6. Parafilm 4 inches x 125 feet (1 roll)

5. Clarification:

Query	Remarks/Comment
Presentation of Technical data sheet and/or presentation of a prototype equipment within seven	The end-user's reply: On-site presentation

(7) calendar days after receipt of Notice of Lowest/Single Calculated Bid	
<i>The prospective bidder is asking if it is “Online or Onsite presentation”?</i>	

This shall form an integral part of the Bid Documents.

For the information and guidance of all concerned.

Dean CHARLOTTE M. CHIONG, MD, PhD
Chairperson, Bids and Awards Committee 1

Received by the Bidder:

Signature over Printed Name

Name of Company

Date