

Equipment Outlay PR 17312**Analog Vortex**

Specifications:

1. Maximum speed of at least 2,500 rpm
2. Orbital movement, with touch function, working with microtiter plates
3. Power of 200-240 V, 60 Hz
4. Dimensions of at least 127 x 136 x 149 mm

Inclusion:

1. Holder for 1.5 ml tubes
2. Three-inch platform and pop-off cup

Terms and Conditions:

1. Indicate brand, model and country of origin.
2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.
3. Delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use.
4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff within seven (7) days after complete installation.
5. Warranty should be at least 1 yr for service and on parts.
6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.
7. Guarantee letter or certificate from the manufacturer and local distributor to ensure the availability of parts, supplies and accessories and will not be discontinued for the next five (5) years.
8. Provide separate quotation for consumables and maintenance/repair/replacement of parts after warranty period.
9. Provide operator's and service manual (in English Language) upon delivery.
10. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila
11. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.
12. Bid price should be inclusive of all applicable taxes.

Benchtop Cooler, -20C temperature rating, 4 x 8 array, gel-filled

Specifications:

1. Holds 32 x 0.5, 1.5 or 2.0 ml tubes at a temperature below -15 degree C for approximately 1.5 hrs, 32 wells
2. Polycarbonate cooler body is filled with a non-toxic gel
3. Ideal for protecting valuable samples stored in a freezer with defrost cycle, store at -20 degree C for 24 hours prior to use

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Electrophoresis apparatus

Specifications:

- 3 1. Sample capacity at least: 1-50 (10x7cm) and 1-100 (10x10cm)
2. Dimensions of at least 12.5 x 22 x 9cm
3. Active Gel Size (W x L)/ Corresponding Gel Tray at least: 10x7cm / MS10-UV7 and 10x10cm / MS10-UV10

4. Tank Buffer Volume of at least 300 ml
5. With Plug-and-Go Casting Dams Supplied
6. Flexicaster Options and Tray Capacity: MS7/10-FC: 1 tray; MS15/20-FC: 1 tray; MS26-FC: 3 trays*
7. Typical Running Conditions: 90V, 45-60 minutes
8. Bromophenol Blue Migration: ~4-5cm/h at 90V

Inclusions:

1. Power Supply OmniPAC, MINi 300V 400mA 60W – 110/230V
2. MultiSUB Mini, 10 x 7cm & 10 x 10cm UV Tray, 2 x 8 sample combs, loading guides and dams
3. Loading Dye
4. DNA Ladder
5. Running Buffer
6. Agarose Gel

Terms and Conditions:

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3. Delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use. Cables, connectors, adapters and accessories even not specified but are essential for the unit to function must be provided free by the winning bidder.
4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff within seven (7) days after complete installation.
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9. Provide operator's and service manual (in English Language) upon delivery.
10. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila
11. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.
12. Bid price should be inclusive of all applicable taxes.

Heat dry block

Specifications:

1. Temperature range: Ambient +5 to 150°C
2. Digital temperature control
3. Compatible with 1.5 ml microcentrifuge tubes, 0.2 ml tubes, PCR strips and PCR plate
4. Power of 220-230V, 50 to 60Hz

4 Terms and Conditions:

1. Indicate brand, model and country of origin.
2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.
3. Delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use. Cables, connectors, adapters and accessories even not specified but are essential for the unit to function must be provided free by the winning bidder.
4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff within seven (7) days after complete installation.

	<p>5. Warranty should be at least 1 yr for service and on parts.</p> <p>6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.</p>
5	<p>Liquid nitrogen tank</p> <p>Specifications:</p> <ol style="list-style-type: none"> 1. Capacity at least 10 L 2. Neck diameter at least 50 mm 3. Static evaporation rate 0.12 L/day 4. Overall height 552 mm 5. External diameter at least 223 mm 6. Weight at least 5.9 kg (empty)/14.1 kg (full) 7. Strong, lightweight aluminum construction 8. Low liquid nitrogen evaporation 9. Unique liquid nitrogen transportation design 10. Equipped with rubber protection rings & prefixed bottom pad 11. CE Certificate 12. 5-year vacuum warranty <p>Inclusions:</p> <ol style="list-style-type: none"> 1. Ruler and dispenser <p>Terms and Conditions:</p> <ol style="list-style-type: none"> 1. Indicate brand, model and country of origin. 2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories. 3. Delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use. 4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff within seven (7) days after complete installation. 5. Warranty should be at least 1 yr for service and on parts. 6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning. 7. Provide operator's and service manual (in English Language) upon delivery. 8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila 9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit. 10. Bid price should be inclusive of all applicable taxes.
6	<p>Pipettor, 0.2-2 ul</p> <p>Specification:</p> <ol style="list-style-type: none"> 1. Single-Channel Pipettes 0.2 to 2µL, micro <p>Terms and conditions:</p> <ol style="list-style-type: none"> 1. Indicate brand, model and country of origin. 2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories. 3. Delivery and installation should be done within 45-60 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use.

	<p>4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff.</p> <p>5. Warranty should be at least 1 yr for service and on parts.</p> <p>6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.</p> <p>7. Provide operator's and service manual (in English Language) upon delivery.</p> <p>8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila</p> <p>9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.</p> <p>10. Bid price should be inclusive of all applicable taxes.</p>
	<p>Pipettor, 0.5-10 ul</p> <p>Specification:</p> <p>1. Single-Channel Pipettes 0.5 to 10 μL</p> <p>Terms and conditions:</p> <p>1. Indicate brand, model and country of origin.</p> <p>2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.</p> <p>3. Delivery and installation should be done within 45-60 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use.</p> <p>4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff.</p> <p>5. Warranty should be at least 1 yr for service and on parts.</p> <p>6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.</p> <p>7. Provide operator's and service manual (in English Language) upon delivery.</p> <p>8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila</p> <p>9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.</p> <p>10. Bid price should be inclusive of all applicable taxes.</p>
	<p>Pipettor, 100-1,000 ul</p> <p>Specification:</p> <p>1. Single-Channel Pipettes 100 to 1,000 μL</p> <p>Terms and conditions:</p> <p>1. Indicate brand, model and country of origin.</p> <p>2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.</p> <p>3. Delivery and installation should be done within 45-60 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use.</p> <p>4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff.</p> <p>5. Warranty should be at least 1 yr for service and on parts.</p> <p>6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.</p> <p>7. Provide operator's and service manual (in English Language) upon delivery.</p> <p>8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila</p>

	<p>9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.</p> <p>10. Bid price should be inclusive of all applicable taxes.</p>
	<p>Pipettor, 2-20 ul</p> <p>Specification:</p> <p>1. Single-Channel Pipettes 2 to 20 µL</p> <p>Terms and conditions:</p> <p>1. Indicate brand, model and country of origin.</p> <p>2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.</p> <p>3. Delivery and installation should be done within 45-60 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use.</p> <p>4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff.</p> <p>5. Warranty should be at least 1 yr for service and on parts.</p> <p>6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.</p> <p>7. Provide operator's and service manual (in English Language) upon delivery.</p> <p>8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila</p> <p>9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.</p> <p>10. Bid price should be inclusive of all applicable taxes.</p>
	<p>Pipettor, 20-200 ul</p> <p>Specification:</p> <p>1. Single-Channel Pipettes 20 to 200 µL</p> <p>Terms and conditions:</p> <p>1. Indicate brand, model and country of origin.</p> <p>2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories.</p> <p>3. Delivery and installation should be done within 45-60 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use.</p> <p>4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff.</p> <p>5. Warranty should be at least 1 yr for service and on parts.</p> <p>6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.</p> <p>7. Provide operator's and service manual (in English Language) upon delivery.</p> <p>8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila</p> <p>9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.</p> <p>10. Bid price should be inclusive of all applicable taxes.</p>
11	<p>Refrigerator with freezer</p> <p>Specifications:</p>

	<ol style="list-style-type: none"> 1. Refrigerator type: Two Door 2. Inverter technology: Yes 3. Frost system: No Frost 4. Capacity at least 13.59 cu.ft 5. Wattage: 120 6. Dimensions at least Height (cm): 178.5, Length (cm): 66.8, Width (cm): 67.5 <p>Terms and conditions:</p> <ol style="list-style-type: none"> 1. 1. Indicate brand, model and country of origin. 2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories. 3. Delivery should be done within 45-60 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use. 4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff. 5. Warranty should be at least 1 yr for service and on parts. 6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning. 7. Provide operator's and service manual (in English Language) upon delivery. 8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila 9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit. 10. Bid price should be inclusive of all applicable taxes.
12	<p>Top loading balance</p> <p>Specifications:</p> <ol style="list-style-type: none"> 1. Capacity at least 220 g 2. Minimum display: 0.1 mg 3. Calibration: Internal 4. Repeatability: ≤ 0.1 mg 5. Linearity: ± 0.2 mg 6. Stabilization time: approx. 3 secs, adjustable by R:S ratio 7. Temp coef sensitivity: ± 2 ppm/$^{\circ}\text{C}$ (10°C to 30°C) 8. Pan size: 91 mm dia 9. Main body dimensions at least 213 x 356 x 338 mm 10. Weight at least 6.2 kg 11. Electrical: 12V, 1A 12. Internal calibration function built-in 13. Easy Settings Enable Responsiveness and Stability to be Freely adjusted; 5 settings 14. Balance Keys Windows® Function: Only a USB cable is needed to send weighing data to a computer 15. Power automatically turns off after a fixed or pre-set time for power saving 16. Password protection available to prevent change of menu settings by mistake 17. Equipped with both USB and RS232C ports, connectable to a PC or PLC (programmable logic controller) 18. Piece counting: You can set the unit weight of the sample (item to be weighed) and then "count" the number of pieces present 19. Percentage weighing: You can measure weights as a percentage of a reference weight 20. Specific gravity measurement: You can measure solid density and liquid density in this mode (with optional accessories) 21. Formulation mode: This mode is convenient when mixing a number of different samples together according to a formula <p>Terms and Conditions:</p>

	<ol style="list-style-type: none"> 1. Indicate brand, model and country of origin. 2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories. 3. Delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use. 4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff within seven (7) days after complete installation. 5. Warranty should be at least 1 yr for service and on parts. 6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning. 7. Provide operator's and service manual (in English Language) upon delivery. 8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila 9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit. 10. Bid price should be inclusive of all applicable taxes.
13	<p>Vortex attachment for microtubes</p> <p>Specifications:</p> <ol style="list-style-type: none"> 1. Speed at least 200 to 3200 rpm 2. Operating modes: Touch or continuous 3. Orbit: 3 mm 4. Operating Temp. +4 to +65°C 5. Dimension at least (w x d x h) 5 x 6.3 x 6.7 in. / 13 x 16 x 17 cm 6. Weight at least 8.4 lbs (3.8kg) 7. Electrical: 230V, 50Hz, 180W <p>Inclusion:</p> <ol style="list-style-type: none"> 1. Combination head for one microplate & microtubes <p>Terms and Conditions:</p> <ol style="list-style-type: none"> 1. Indicate brand, model and country of origin. 2. Notarized certificate that the product is brand new, not reconditioned/refurbished including parts and accessories. 3. Delivery and installation should be done within 60-90 days commencing on the date of acceptance of Notice to Proceed. Notification by email and acknowledged by the supplier constitutes date of acceptance. The equipment must be delivered ready to use. 4. Undertaking to provide product orientation and operations training for end-user and troubleshooting training for technicians/research staff within seven (7) days after complete installation. 5. Warranty should be at least 2 yrs for service and on parts. 6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning. 7. Provide operator's and service manual (in English Language) upon delivery. 8. The bidder must submit certification that they have a capability for corrective and preventive maintenance of the unit or have a service center within Metro Manila 9. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit. 10. Bid price should be inclusive of all applicable taxes.

University of the Philippines Manila
PROCUREMENT MANAGEMENT OFFICE

CHECKLIST OF REQUIREMENTS FOR PROCUREMENT
(GOODS)

PROJECT TITLE: Laboratory Equipment under SVP for the project
entitled: "MORPH Project 3. Determinants of Acquisition, Persis-
tence, and Clearance of Oncoogenic Cervical Human Papillomavirus

END-USER: CM

PR No. 17312

☒

PURCHASE REQUEST

☒ Complete description (Quantity, Unit, Unit
Cost and Total Amount.

☐ Specifications.

☐ Terms and Conditions (e.g. warranty and
delivery period.

☒ Signature of End-User.

☒ VCA

☒ PGH Director

☒ Chancellor

☒

Budget Clearance: ABC 1,247,000.00

☒

Fund Source: F164- 2020105000 (416) 107-188

☒

Inclusion in the APP/SPPMP PPMP 2022 attached

Mode of Procurement :

☒

For Public Bidding (BAC III)

☐

Alternative Mode :

☐ Small Value (Procuring Unit/End-User)

☐ Shopping

☐ Direct Contrating due to _____

☐ _____

BAC3-2022- 52

Other instructions/remarks:

Require 01 Aug 2022

MILADILLA A. SANTIAGO, MPA

Director I

Date: July 26

UPM-Pro-F2



UNIVERSITY OF THE PHILIPPINES MANILA

Taft Avenue, Manila, Metro Manila, NCR
VAT Reg. TIN: 000-864-006-00005



RGAO12058134

Purchase Request

Entity Name: UP Manila

Fund Cluster: 07

PPMP No.:

Office/Section:

UPM College of Medicine

PR No.: 17312

Responsibility Center Code: MA03038001 - D0001112

Date: May 18, 2022

Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	un	Analog vortex, 600-3200 rpm, 230 V, w/ 3-inch platform and pop-off cup	1	50,000.00	50,000.00
	un	Benchtop cooler, -20C temperature rating, 4 x 8 array, gel-filled	2	19,000.00	38,000.00
	un	Electrophoresis apparatus Sample capacity: 1-50 (10x7cm) and 1-100 (10x10cm), with power supply	1	200,000.00	200,000.00
	un	Heat dry block, digital, for dual block, 220-240 V	1	32,000.00	32,000.00
	un	Liquid nitrogen tank 10 liter capacity, Height of 552 mm, weight of 5.9 kg (empty)/14.1 kg (full)	3	130,000.00	390,000.00
	un	Pipettor, 0.2-2 ul	4	16,000.00	64,000.00
	un	Pipettor, 0.5-10 ul	4	16,000.00	64,000.00
	un	Pipettor, 100-1000 ul	4	16,000.00	64,000.00
	un	Pipettor, 2-20 ul	4	16,000.00	64,000.00
	un	Pipettor, 20-200 ul	4	16,000.00	64,000.00
	un	Refrigerator with freezer Two-Door type, with Inverter technology	1	50,000.00	50,000.00
	un	Top loading balance, max capacity 120 g, readability 1 mg with 4.5 inches color TFT touchscreen display, 240 V	1	105,000.00	105,000.00
	un	Vortex attachment for microtubes Speed range: 200 to 3200 rpm, holds up to eight microtubes	2	31,000.00	62,000.00
Grand Total					1,247,000.00

Purpose: Laboratory equipment under SVP for the project entitled, "MORPH Project 3. Determinants of Acquisition, Persistence, and Clearance of Oncogenic Cervical Human Papillomavirus Infection in a Cohort of Women..." (107-188)

Certified that all items listed in Purchase Request No. 17312 were included in the 2022 Annual Procurement Plan submitted by UP Manila.
Mode of Procurement COMPETITIVE BIDDING

Miladilla A. Santiago
MILADILLA A. SANTIAGO, MPA
Director, UPM-Procurement Office

FUNDS AVAILABLE FOR PRP 1,247,000.00
CHARGEABLE AGAINST PRP - 2020 (107-188)

Erwin A. Dando
ERWIN A. DANDO
Chief Accountant, UPM

Signature: *De Paz-Silava*
Printed Name: De Paz-Silava, Dr. Sheriah Laine
Designation: Project Leader

Approved by: *Samaniego*
Samaniego, Dr. Arlene Alcidi, MD
Vice Chancellor for Administration