

University of the Philippines Manila
PROCUREMENT OFFICE

CHECKLIST OF REQUIREMENTS FOR PROCUREMENT
(GOODS)

PROJECT TITLE: Various Laboratory Equipment for "Phil-DIAMOND"
Project 3 - Development of a Safe Lactic Acid Bacteria (LAB)-based
Bioproducts Health-Promoting Product as an Adjunct Intervention.

END-USER: UAC

PR No. 12582

- ☒ 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 7,975,000.00

☒ Fund Source: PIFY-2020 105000 (416) 107-136

☒ Inclusion in the APP/SPPMP PPMP 2021

Mode of Procurement :

- ☒ For Public Bidding (BAC III)
- ☐ Alternative Mode :
- ☐ Small Value (Procuring Unit/End-User)
 - ☐ Shopping
 - ☐ Direct Contrating due to _____
 - ☐ _____

BAC3-2021- 42

Other instructions/remarks:


MILADILLA A. SANTIAGO, MPA

Director I

UPM-Pro-F2

Date: 6/18/2021



UNIVERSITY OF THE PHILIPPINES MANILA

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

KANDAW 19004

Purchase Request

Entity Name: UP Manila

Fund Cluster: 07

PPMP No.:

Office/Section: UPM College of Arts and Sciences	PR No.: 13583 Responsibility Center Code: MA03036001 - D0001002	Date: Apr 14, 2021
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Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
	un	Anaerobic Culture System	2	25,000.00	50,000.00
	un	Analytical Balance	1	30,000.00	30,000.00
	un	Biosafety Cabinet Class II Type A2	1	1,500,000.00	1,500,000.00
	un	Conventional PCR	1	1,000,000.00	1,000,000.00
	un	Freeze Dryer with Accessories	1	1,500,000.00	1,500,000.00
	un	Gel Electrophoresis Apparatus	1	300,000.00	300,000.00
	un	Hot Plate with Magnetic Stirrer	1	20,000.00	20,000.00
	un	Incubator	2	600,000.00	1,200,000.00
	un	Multi-Channel Pipettors	2	30,000.00	60,000.00
	un	Plastic Sealer Machine	2	2,500.00	5,000.00
	un	Quantitative PCR (qPCR)	1	1,800,000.00	1,800,000.00
	un	Refrigerated Microcentrifuge	1	200,000.00	200,000.00
	un	Refrigerator with Freezer	1	30,000.00	30,000.00
	un	Single-Channel Micropipettors	8	20,000.00	160,000.00
	un	Vortex Mixer	1	20,000.00	20,000.00
	un	Water Distillation System	1	50,000.00	50,000.00
	un	Waterbath	1	50,000.00	50,000.00
Grand Total					7,975,000.00

Purpose: Equipment for the project entitled, "Phil-DIAMOND Project 3 - Development of a Safe Lactic Acid Bacteria (LAB)-based Biofunctional Health-Promoting Product as an Adjunct Intervention for the..."

Please include specifications for each item/equipment.

Lab. Equipment belong to DOST

Certified that all items listed in Purchase Request No. 13583 were included in the 2021 Annual Procurement Plan submitted by UP Manila.
Mode of Procurement: COMPETITIVE BIDDING
MILADELLA A. SANTIAGO, MPA
Director, UPM-Procurement Office 6/06/2021

FUNDS AVAILABLE FOR Php 7,975,000.00
CHARGEABLE AGAINST Phil - 2020/05/00
ERWIN A. DANDO
Chief Accountant, UPM

(416)
107-130

JUN 19 2021

Signature:	Requested by:	Approved by:
Printed Name:	Balolong, Prof. Marlen Parungao	Samariego, Dr. Arlene Alcida, MD
Designation:	Project Leader	Vice Chancellor for Administration

Report generated with UP eBusiness Suite Release 12 on May 11, 2021 19:32

275-19043-6834462

6-22-21

UPM - Procurement Office

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JUNE 18 2021 For transfer

SPENCER D. SESE

Office Aide (JO)

UPM - Procurement Office

RECEIVED

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SPENCER D. SESE

Office Aide (JO)

TERMS AND CONDITIONS

Supply of Various Laboratory Equipment for the project

"Phil-DIAMOND Project 3 - Development of a Safe Lactic Acid Bacteria (LAB)-based Biofunctional Health-Promoting Product as an Adjunct Intervention for the Management of HIV-associated Metabolic Complications" (Remaining Items) **(PR No. 13583 ABC: PhP 6,525,000.00)**

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.
5. Warranty should be at least 1 year for service and 1 year on parts.
6. Warranty period shall commence from the date of acceptance by the end-user, testing and commissioning.
7. A certification from the manufacturer that the bidder is an authorized distributor of the equipment.
8. Certification from the manufacturer and local distributor that in the event of a change of local distributor, preventive maintenance, warranty and services agreed here upon will be honored by the principal manufacturer.
9. 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.
10. Provide separate quotation for consumables and maintenance/repair/replacement of parts after warranty period.
11. Provide operator's and service manual (in English Language) upon delivery.
12. 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
13. The winning bidder will be responsible of all fees for performance testing, delivery, installation and commissioning the unit.
14. Bid price should be inclusive of all applicable taxes.

Discussed and agreed during the Pre-Bid Conference conducted on 10 October 2021.

End-user (Probational member): MARILEN PARUNGAO BALOLONG, MSc DrPH DPAM

Technical Working Group: _____

BAC 3 Chairman/Presiding Officer: TRISTAN NATHANIEL C. RAMOS, DDM, MPH

PhilDIAMOND Project 3: Development of a Safe Lactic Acid Bacteria (LAB)-based Biofunctional Health-Promoting Product as an Adjunct Intervention for the Management of HIV-associated Metabolic Complications

PR13583 Specs

Creation Date: 2021-06-30

Revision Date: 2021-10-04

Revision Number: 2

Item	Specification
Anaerobic Culture System	Two units jar gassing system with 2.5 L capacity; holds 10 x 90mm Petri dishes; compatible with any gas pack
Biosafety Cabinet Class II Type A2	6ft wide cabinet; with laminar flow speed of 0.4 m/s or better (downflow velocity: 0.33 m/s, 60 FPM, inflow velocity of 0.5 m/s, 100 FPM), with two (2) ULPA H15 filter with 99.995% efficiency, air quality according to ISO 5 or Class 100 standards, with manually adjustable height stand; UV light installed; with continuous airflow; hood material, welded polypropylene structure with stainless steel worktop; noise level < 52 dB; illumination 800 LUX; electrical requirement, 115/230V, 50/60 Hz, single phase; inclusive of AVR
Conventional Polymerase Chain Reaction (PCR) Machine	Gradient temperature across the block, with gradient range of 30-105°C; capacity up to 96 0.2 ml PCR tubes; temperature range from 0 to 100°C, with accuracy and uniformity of +0.2°C; lid temperature of 30 to 112°C (adjustable); maximum ramp rate of 5°C/sec; intuitive touch screen control, unlimited storage and program memory, compatible with a flash drive; inclusive of multi-format block for 0.2 ml tubes or strips, 0.5 ml tubes, 96-well plates; inclusive of AVR/UPS
Freeze Dryer with Accessories	Multi-freeze drying system with a cooling trap temperature of at least -50 °C or lower; ice capacity of 3 kg or better; teflon-coated with digital display and time control including a vacuum hose and 2 clamps; with acrylic chamber trunk and top with 8 rubber valves; with a stainless steel rack with 3 sets of stainless steel shelves and trays; with vacuum rotary vane pump and oil mist trap; inclusive of suitable fast freeze flasks, ampoules, serum bottles, ampoule pods, adapters and AVR/UPS
Gel Electrophoresis Apparatus	Inclusive of gel tank with orange filter incorporated into the lid, casting stand, one (1) tray for 10.5 x 10 cm gels, two (2) trays for 10.5 x 6 cm gels, 2 double-side combs of 12 teeth; with Blue LED (465 nm) transilluminator and imaging enclosure for capturing high resolution images; output voltages of 35V, 50V, and 100V; run time unit in minutes, and an option for continuous run
Hot Plate with Magnetic Stirrer	Speed range 100-1500 rpm or better; temperature range 50°C-300°C or better; with LED indicator for heating and/or stirring functions; inclusive of magnetic stir bars and support rods
Plastic Sealer Machine	Two units 8" sealer machine, seals every kind of plastic films, for food application, easy to use

Quantitative Polymerase Chain Reaction (qPCR) Machine	Real time PCR with up to six (6) fluorescence detection channels; capacity up to 96 0.1-0.2 ml PCR tubes, 12 8-well PCR strips, or one (1) 96-well plate; reaction volume of 10 to 50 ul; maximum heating/cooling 6.0°C/s; operating temperature range of 4-100°C, with temperature accuracy of +0.2°C and uniformity of +0.2°C; with gradient range from 30 to 100°C and gradient increments at 1°C; with unique edge temperature compensation technology; single gene copy sensitivity; with six (6) monochromatic high efficiency LED channels excitation light source, with excitation/emission range 455-650 nm/510-715 nm; supported dyes FAM/SYBR/EVA, CY5/LIZ, VIC/JOE/HEX/TET, FAM/SYBR/EVA (dual FAM scanning), ROX/Texas Red, NED/TAMRA/Cy3; inclusive of laptop installed with appropriate software, and printer
Refrigerated Microcentrifuge	Maximum speed at 17,000 rpm/27,237 x g; temperature range from -20°C up to 40°C; 24-places rotor compatible with 1.5 and 2.0 ml microcentrifuge tubes; options for pulse, time <100 min or continuous time; with RPM/RCF conversion; with safety lid lock and LCD display; inclusive of fixed angle rotors for 24 microtubes, 30 microtubes, 36 microtubes, and 12 PCR tubes
Refrigerator w/ Freezer	Two-door refrigerator with freezer and chiller; at least 10 cubic feet capacity; with digital inverter compressor and double cooling technology; top mount, no frost system; with twist ice maker; capable of -20°C or lower temperatures
Vortex Mixer	Speed range of 300-3000 rpm and touch vortex speed of 3500 rpm; capable of touch vortex and continuous operations; inclusive of universal holder, and tube holders for 0.2 mL, 0.5 mL, and 1.5/2.0 mL tubes
Water Distillation System	Produces pure and ultrapure water from potable tap water; with pre-filtration unit and reverse osmosis membrane; bench-mounted system with an integrated storage tank; control with digital display and membrane keypad; pure water production rate of 10 L/h
Waterbath	Temperature range of ambient +5°C to 100°C, with temperature accuracy of +0.2°C and uniformity of +0.2°C at 37°C; reservoir capacity of at least 4L, material made of stainless steel; with removable hinged lid with gabled design; inclusive of racks for 1.5/2.0 mL tubes, 15 mL tubes, and 50 mL tubes

Approved by:

MARILEN PARUNGAO BALOLONG, MSc DrPH DPAM
Project Leader