

**SUPPLY, DELIVERY AND INSTALLATION OF VARIOUS LABORATORY
EQUIPMENT (Newton Fund / DA-Biotech LMDP Project)**

ABC: ₱ 1,702,500.00

Item No.	Qty	Item Description	Specifications	Function	Price (Php)	Total Price (Php)
1	1	Autoclave sterilizer	With digital microprocessor-controlled temperature control with memory function, digital timer display operating temperature range of at most 105-132°C automatic air release function, with safety (overheat prevention, overpressure prevention, temperature sensor disconnection prevention, empty heating prevention, leakage breaker safety valve) and malfunction (low water level detection, exhaust valve and chamber lid open/close detection, insufficient sterilization detection) prevention features, input voltage of 220-240V, capacity of at least 52 liters, two stainless steel baskets, stainless steel (SUS304) chamber material 3 L capacity of exhaust bottle, dimension of at least 400 mm W x 460 mm D x 920 mm H power input of 220-240 V	A pressurized device used to sterilize culture media and other laboratory materials.	450,000.00	450,000.00
2	1	Refrigerator	Household type, at least 200-liter (~ 7.0 cu. ft.) capacity, two-door, no frost, inverter technology type Input: 220-240 V	Used for storage of samples, bacterial isolates, culture media and reagents.	22,500.00	22,500.00
3	1	Laminar flowhood	Vertical air flow positive pressure in work area adjustable air speed air flow velocity of 0.3 ~ 0.5 m/s capacity table top with stand microprocessor control system LED display HEPA filter having 99.99% efficiency at 0.3 µm, External Dimension: approx. 550W x 460D x 700H (mm) washable polyester fiber pre-filter <60 decibels noise 5 mm manual toughened anti-UV glass 310 mm max opening with 1 fluorescent 1 UV lamp 100W consumption and 220V AC Material: main body – cold-rolled steel with antibacterial powder coating work table – 304 stainless steel	Designed to prevent contamination of biological samples, or any particle sensitive materials.	180,000.00	180,000.00

4	1	Compound microscope	Siedentopf trinocular, bright-field w/ oil immersion objective, 20 mm field number (FN), body made of aluminum die-cast material, quadruple-reversed nosepiece, 40x-100x total magnification, with anti-fungus treatment on objectives, IOS-NPLAN objectives: 4x/0.10, W.D. 16.8 mm, 10x/0.25, W.D. 5.8 mm, 40x/0.65, W.D. 0.43 mm, 100x/1.25 (Oil/Water), W.D. 0.13 mm, double layered mechanical stage with coaxial coarse and fine focusing and Abbe condenser, fixed Kohler, X-LED illumination, specimen holder X-Y Vernier holder, with dust cover, immersion oil and tension adjustment tool	Intended for observation of bacterial morphologies for documentation, presentation, reporting and publication.	60,000.00	60,000.00
5	1	PCR Gel Imaging System	At least 7-in touch screen with built-in software for image capture and gel image analysis (license-free), can save images directly to USB flash drives for transfer to PC, have at least 5 MP camera with low light sensitivity, f/1.2 motor driven zoom lens, with 302 nm UV transilluminator and imaging filter, white LED lighting for sample positioning, compatible with traditional and new, safe DNA stains, with viewing area of at least 20 x 24 cm, with safety switch feature to prevent accidental UV exposure, with at least 75 cm H x 31 cm D x 45 cm W dimensions; Camera: 1/2.5 in sensor, 12/16 bit bit depth, 65,536 greyscale, 3.6/4.8 dynamic range, 8-48 mm lens	Used in molecular biology experiments for the imaging and documentation of nucleic acid and protein suspended within polyacrylamide or agarose gels.	990,000.00	990,000.00
<ul style="list-style-type: none"> All equipment items are inclusive of at least one-year calibration and preventive maintenance services, at least 2-year warranty on parts and services, at least 10 years in the business 						
TOTAL						1,702,500.00

Prepared by:



MA. CYNTHIA N. RUNDINA-DELA CRUZ, DVM, PhD
End-user/Project Leader

Noted/Certified Correct by:



RENE B. BETONIO
TWG Chair, Medical, Dental and Laboratory Equipment



LANI S. RODIS
TWG Member, Medical, Dental and Laboratory Equipment