

Republic of the Philippines
University of the Philippines Mindanao
Mintal, Tugbok District, Davao City

April 14, 2023

BID BULLETIN NO. 01
Supply of Kits, Reagents, Consumables, Common Laboratory
and Labeling Supplies of the SARS-COV2 Bio-Surveillance
Project of PGC Mindanao
(PBM 2023-10)

This Bid Bulletin is issued to inform the bidders of the changes (highlighted in green) in the Technical Specifications:

LOT 2: Other Molbio Consumables
2. Gel loading, vial (20 vials)
• Specifications:
○ 6x
○ Bromophenol Blue Dye
6. Tris-Borate-EDTA electrophoresis buffer (10 bottles)
• Specifications:
○ Molecular Grade or Ultra Pure Grade
○ 10x
○ Volume : 1 L
Lot 4 : Sequencing Kit
1. Enhanced Sequencing Pack (1 Pack)
• Specifications:
Wash Kit, 6 rxns (3 kits)
Control Expansion, 6 - 24 rxns (1 kit)
Flow Cell (9 kits)
Ligation Sequencing Kit 6 rxns (1 kit)
Barcoding Kit 1-24, 6 rxns (6 kits)
Sequencing Auxiliary Vials, 12 rxns (3 kits)
RAP Top-Up Kit (3 kits)
10. Customized primers (10,000 bases)
• Specifications:
C2Q concentration: 100nM
33 Forward Primer Sequence
33 Reverse Primer Sequence
Lot 6
• High Fidelity PCR Kit (2 kits or 4 kits)
• Specifications:
○ 200 reactions/kit for 2 kits or 100 reactions/kit for 4 kits
○ 2x ready mix of HIFI hotstart DNA polymerase, dNTPs, MgCl2 and stabilizers
○ NFW
<i>Item, description or specifications not mentioned above are without modifications and will remain as is in the bidding documents.</i>
<i>Please follow the attached Revised Technical Specifications Forms, Schedule of Requirements form and Price Schedule Forms.</i>

For guidance of all concerned.


PROF. CLETO L. NAÑOLA JR.
Chair, Bids and Awards Committee for Goods

Received by the bidder:

Signature over printed name/Date received

Technical Specifications

Item	Specification	Statement of Compliance
	<p style="text-align: center;">General terms for all lots</p> <ol style="list-style-type: none"> 1. The kits, reagents, and consumables must be supplied by an eligible distributor/supplier in the country with an applications specialist and sales representative in the Philippines for manufacturer's support and after-sales support. 2. Delivery in required/appropriate storage temperature/conditions. 3. Damaged/defective kits and reagents due to manufacturing or transportation conditions upon checking during delivery should be replaced by the supplier within 3 months. 4. Expiration dates for kits, reagents and consumables should be at least one year upon delivery (for Lots 1 and 2). 5. Must provide Certificate of Analysis/Conformance and Material Safety Data Sheets upon delivery. 	<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>

Item	Specification	Statement of Compliance
LOT 1: Alcohol		
Delivery period: Sixty (60) calendar days		
Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		
	1. Absolute Ethanol, Molecular grade (70 bottles)	
	• Specifications:	
	○ Molecular biology grade	
	○ ≥95% purity	
	○ Volume: 1L	
	○ Amber Bottle	
	2. Absolute Ethanol, ACS (5 bottles)	
	• Specifications:	

	<ul style="list-style-type: none"> ○ Analytical grade ○ Volume : 2.5L 	
	3. Ethanol, TECH GRADE (5 carboys)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 95% ○ Technical grade ○ Volume : 20 L 	
	Inclusions:	
	Manual Plastic Pump	
	4. Ethanol, cby (30 carboys)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 70 % ○ Volume : 20 L 	
LOT 2: Other Molbio Consumables		
Delivery period: Sixty (60) calendar days		
Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		
	1. Gel Stain, vial (10 vials)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Fluorescent nucleic acid dye ○ Gel Red ○ 0.5 mL ○ 10,000X in Water 	
	2. Gel loading, vial (20 vials)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 6x ○ Bromophenol Blue Dye 	
	3. 50bp DNA ladder, vial (5 vials)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ With dye ○ Vial 	
	4. 100bp DNA ladder, vial (5 vials)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ With dye ○ Vial 	
	5. Agarose Powder, 100g (10 bottles)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Molecular Grade ○ 100g/bottle 	
	6. Tris-Borate-EDTA electrophoresis buffer (10 bottles)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Molecular Grade or Ultra Pure Grade ○ 10x ○ Volume : 1 L 	
	7. Nuclease free water (10 bottles)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Molecular Biology Grade ○ DNase/RNase free ○ not DEPC-Treated ○ Sterile ○ Volume : 500 ml or in lesser volume provided that the total volume is complied 	
	8. RNase surface decontaminant (5 bottles)	

	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 500 ml or in lesser volume provided that the total volume is complied ○ With spray 	
LOT 3: Common Laboratory and Labeling supplies Delivery period: Sixty (60) calendar days Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		
	1. Garbage bag (40 packs) <ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ pack of 100 ○ color: black ○ high density trash bags ○ good quality ○ thick ○ large size 	
	2. Biohazard bag, large, yellow, pack of 100 (10 packs) <ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ pack of 100 ○ color: yellow ○ high density trash bags ○ good quality; with biohazard symbol; autoclavable ○ thick ○ large size 	
	3. Biohazard bags, box of 1000 bags (5 boxes) <ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ box of 1000 ○ red polypropylene ○ with biohazard warning symbol ○ at least 584 mm (H) x 483 mm (W) x 0.04 mm (thickness) 	
	4. Autoclavable bags (15 packs) <ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ pack of 1000 ○ Heat resistant polypropylene (PP) bag ○ For sterilization ○ Clear ○ Sizes : 6 X12 in and 11 x 19 in ○ Autoclavable 	
	5. Interfolded towels (3000 packs) <ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Made from 100% virgin pulp ○ Free from elemental chlorine and artificial whitener ○ 3 ply ○ Dermatologically tested 	
	6. Thermal tape (10 rolls) <ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ autoclave indicator tapes ○ changes color when done with the sterilization process ○ width: 19 mm (¾") ○ length: 50 m (165 ft) ○ can be used for both dry heat and autoclave steam 	

sterilization	
7. Parafilm (10 rolls)	
• Specifications:	
○ Parafilm M roll	
○ Can seal test tubes, beakers, flasks, culture tubes, etc	
○ Made of a semi-transparent, flexible and waterproof material	
○ Resistant to most acids and alcohols yet is gas permeable	
○ 250 feet length	
○ 2-inches width	
8. Kimwipes (50 packs)	
• Specifications:	
○ Lint free tissue paper	
9. Aluminum Foil (5 rolls)	
• Specifications:	
○ Size : 12 x 300 m	
10. Liquid Hand Soap (30 pcs)	
• Specifications:	
○ 1L	
○ With soap dispenser	
11. Liquid Detergent (50 pcs)	
• Specifications:	
○ 1 gal	
12. Bleach (30 gal)	
• Specifications:	
○ 1 Gal	
○ Liquid bleach	
○ 0.12% sodium hypochlorite	
13. Spray bottle (50 pcs)	
• Specifications:	
○ 200mL capacity	
○ White	
14. First Aid Kit (5 kits)	
• Inclusions:	
○ Antiseptic towelletes	
○ Alcohol prep pads	
○ Povidone-Iodine prep pads	
○ Sting relief pads	
○ Cotton balls	
○ Instant cold compress	
○ First Aid Guide	
○ Adhesive bandages	
○ Butterfly closure bandages	
○ Nitrile gloves	
○ GKB 400 box	
○ Wound closure strips	
○ Gauze rolls	
○ Eye pads	
○ Sterile Gauze Pads	
○ Cotton tip applicators	
○ Adhesive tape roll	
○ Tongue depressor	
○ Triangular bandage	

	○ Tweezers	
	○ Metal Scissors	
	15. Packaging Tape, roll (5 rolls)	
	● Specifications:	
	○ clear	
	16. Cryoboxes (200 pcs)	
	● Specifications:	
	○ 100-well	
	○ polycarbonate cryogenic box	
	○ clear	
	○ compatible with 1.5 ml microcentrifuge tubes and cryogenic vials	
	○ stable from -196°C to 121°C	
	○ with numbered grids for sample identification	
	○ with drain holes and air vents	
	17. Ice Box (10 pcs)	
	● Specifications:	
	○ Cooler	
	○ Capacity : 5L (5 units), 10L (2 unit), 15L (2 unit), 20L (1 unit)	
	18. Spill Kit (10 kits)	
	● Specifications:	
	○ 5 sets Universal Spill Kit (OSHA Compliant)	
	○ Spill kit absorbent pads for oil and chemical (5 gallons)	
	○ 10 pcs absorbent pads	
	○ 2 pcs absorbent booms	
	○ 1 pc eye goggles	
	○ 1 pair nitrile gloves	
	○ 1 pc instruction set	
	○ 1 pc disposable bag	
	○ 1 plastic box container	
	○ 5 sets Biological Spill Kit	
	○ Concentrated disinfectant (Bleach)	
	○ 10 pcs absorbent pads	
	○ Bucket for diluting disinfectant	
	○ Biohazard/Autoclavable bags	
	○ Sharps container	
	○ PPE (gloves, goggles)	
	○ Forceps/tongs	
	19. Electronic hygrometer (20 pcs)	
	● Specifications:	
	○ Displays temperature and humidity	
	○ Face icons	
	○ Standalone or hanging thermo hygrometer	
	○ Displays maximum/minimum temperature and relative humidity	
	○ Can be set to °C/°F	
	○ Fold-out stand and hook for wall fastening	
	20. Laboratory timer with batteries (20 pcs)	
	21. Scientific Calculator with batteries (5 pcs)	
	● Specifications:	
	○ Digital	
	○ With spare battery	
	22. Adapter (50 pcs)	

	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Universal socket adapter plug outlet 	
	23. Marker pens (50 pcs)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Ultra-fine tip permanent marker (25 pcs) ○ Fine whiteboard marker (25 pcs) ○ Black, blue colors 	
	Inclusion:	
	<ul style="list-style-type: none"> ○ Whiteboard eraser (6 pcs) 	
	24. Continuous Length Papertape (20 pcs)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ White ○ 2.0 in x 100 ft (50 mm x 30.4 m) ○ Compatible with Brother QL-700 label printer 	
	25. Plastic storage containers with lid (12 pcs)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 70 L capacity ○ White 	
*Lot 4 : Sequencing Kit		
Delivery period: Sixty (60) calendar days		
Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		
	1. Enhanced Sequencing Pack (1 Pack)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Wash Kit, 6 rxns (3 kits) ○ Control Expansion, 6 - 24 rxns (1 kit) ○ Flow Cell (9 kits) ○ Ligation Sequencing Kit 6 rxns (1 kit) ○ Barcoding Kit 1-24, 6 rxns (6 kits) ○ Sequencing Auxiliary Vials, 12 rxns (3 kits) ○ RAP Top-Up Kit (3 kits) 	
	2. Hot Start Taq 2x Master Mix (3 Sets)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 100 rxns 	
	3. Beads (5 Bottles)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ 50mL 	
	4. Ligation Sequencing Kit (1 kit)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ DNA CS (DCS), 50 uL, 1 Vial ○ Adapter Mix (AMX), 40 uL, 1 vial ○ Ligation Buffer (LNB), 200 uL, 1 vial ○ Long Fragment Buffer (LFB), 1,800 uL, 2 vials ○ Short Fragment Buffer (SFB), 1,800 uL, 2 vials ○ Sequencing Buffer (SQB), 300 uL, 2 vials ○ Elution Buffer (EB), 200 uL, 1 vial ○ Loading Beads (LB), 360 uL, 1 vial; ○ Sequencing Tether (SQT), 10 uL, 1 vial 	
	5. Flow Cell Priming Kit (1 kit)	
	<ul style="list-style-type: none"> ● Specifications: <ul style="list-style-type: none"> ○ Flush Buffer (FB), 1 , 170 uL, 6 vials ○ Flush Tether (FLT), 200 uL, 1 vial 	
	6. Barcodes 1-12 (1 set)	
	<ul style="list-style-type: none"> ● Specifications: 	

	Unique barcodes	
	Native Barcode 01-12, 20 uL/vial, 12 vials	
	Adapter Mix II, 40 uL, 1 vial	
	7. Barcodes 13-24 (1 set)	
	• Specifications:	
	Unique barcodes	
	Native Barcode 13-24, 20 uL/vial, 12 vials	
	Adapter Mix II, 40 uL, 1 vial	
	8. Flow Cell (1 kit)	
	• Specifications:	
	Compatible for MinION machine	
	9. Flow Cell Wash Kit (1 kit)	
	• Specifications:	
	Compatible with MinION Flow Cell	
	10. Customized primers (10,000 bases)	
	• Specifications:	
	C2Q concentration: 100nM	
	33 Forward Primer Sequence	
	33 Reverse Primer Sequence	
	11. Companion Module (1 kit)	
	• Specifications:	
	for Oxford Nanopore Technologies Ligation Sequencing	
	24 rxns	
	12. DNA Repair Mix (1 Kit)	
	• Specifications:	
	24 rxns	
	13. End Repair/dA-Tailing Module (1 Kit)	
	• Specifications:	
	24 rxns	
	14. Ligase Master Mix (1 Kit)	
	• Specifications:	
	50 rxns	
	15. Quick Ligation Module (1 Kit)	
	• Specifications:	
	20 rxns	
	16. Quick Ligation Reaction Buffer (1 Kit)	
	• Specifications:	
	(5X); 2 ml	
	17. 2X PCR master (1 kit)	
	• Specifications:	
	with hot-start, high-fidelity polymerase enzyme	
	Amplification of products up to 30 kb (human genomic DNA),	
	40 kb(lambda DNA), or 13 .5 kb (human cDNA)	
	Fast PCR extension (5 sec/kb)	
	Antibody-mediated hot-start formulation	
	High tolerance for GC-rich templates as well as the presence of	
	excess nucleic acid templates	
	Suitable for use in conjunction with blunt-ended cloning systems	
*Validation of kits within 3 months. If found defective, the kits must be replaced within 3 months.		
DNA Amplification		

Delivery period: Sixty (60) calendar days Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		
Lot 5	<ul style="list-style-type: none"> ● PCR Kit (20 kits) ● Specifications: <ul style="list-style-type: none"> ○ 100 reactions/kit ○ PreMix 2x Taq Solution of dNTPs and MgCl₂ ○ NFW 	
Lot 6	<ul style="list-style-type: none"> ● High Fidelity PCR Kit (2 kits or 4 kits) ● Specifications: <ul style="list-style-type: none"> ○ 200 reactions/kit for 2 kits or 100 reactions/kit for 4 kits ○ 2x ready mix of HIFI hotstart DNA polymerase, dNTPs, MgCl₂ and stabilizers ○ NFW 	
Lot 7	<ul style="list-style-type: none"> ● DNA Enrichment Kit (5 kits) ● Specifications: <ul style="list-style-type: none"> ○ 24 reactions/kit ○ MBD2-Fc Protein ○ Bind/wash buffer (5x) ○ 16s rRNA Universal Gene Bacterial Control Primers (20 uM each, supplied as a mix) ○ RPL30 Human DNA Control Primers (20 uM each, supplied as a mix) 	
Extraction Kit Delivery period: Sixty (60) calendar days Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		
Lot 8	<ul style="list-style-type: none"> ● Manual Total Nucleic Acid Extraction (3 kits) ● Specifications: <ul style="list-style-type: none"> ○ For RNA and DNA extraction ○ Manual extraction kit ○ For swab samples, saliva, tissue, blood, etc. ○ 250 reactions/kit ○ Silica Technology ○ 250 colorless spin column in 2 ml tube ○ 500 pcs 2 ml collection tube ○ 2 Lysis Buffer (50 ml, and 2 x 33 ml) ○ Wash buffer 1 concentrate (98 ml) ○ Wash buffer 2 concentrate (66 ml) ○ Elution buffer (2 x 60 ml) ○ Proteinase K ○ Quick Start Protocol 	
Lot 9	<ul style="list-style-type: none"> ● Automated Nucleic Acid Extraction Kit (5 kits) ● Specifications: <ul style="list-style-type: none"> ○ For RNA and DNA extraction ○ Automated extraction kit ○ For swab samples, saliva, tissue, blood, etc. ○ 50 reactions/kit ○ Lysis buffer ○ Wash buffer ○ Elution buffer ○ Compatible with KingFisher Duo Prime Machine 	
Quality Control Kit Delivery period: Sixty (60) calendar days Delivery: CSM, UP Mindanao Mintal, Tugbok District, Davao City		

Lot 10	<ul style="list-style-type: none"> ● Bioanalyzer Kit (1 kit) ● Specifications: <ul style="list-style-type: none"> ○ Sizing Range : 100 - 1000bp ○ Sizing Accuracy : \pm 10% ○ Sizing Reproducibility : 5% CV ○ Quantitation Accuracy : 20% ○ Quantitative Range : 0.5-50ng/uL ○ Analysis Time : 35 mins ○ Samples per chip : 12 ○ Sample Volume : 1 uL ○ Kits Stability : 4 months ○ Kit Size : 300 samples/kit 	
Lot 11	<ul style="list-style-type: none"> ● dsDNA BR assay kit (3 kits) ● Specifications: <ul style="list-style-type: none"> ○ 500 reactions 	

(TECHNICAL SPECIFICATIONS)

BID NO : PBM 2023-10

DATE :

REQUIRED SPECIFICATIONS	OFFERED SPECIFICATIONS (please write down detailed offered specifications)	REFERENCES (include supporting documents) (attached brochure / technical data/ website, etc.)
LOT 1 - Alcohol		
1. Absolute Ethanol, Molecular Grade (70 bottles)		
Specifications:		
Molecular Grade		
≥95% purity		
Volume: 1L		
Amber Bottle		
2. Absolute Ethanol, ACS (5 bottles)		
Specifications:		
Analytical grade		
Volume : 2.5L		
3. Ethanol, TECH GRADE (5 carboys)		
Specifications:		
95%		
Technical grade		
Volume : 20 L		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Inclusions : Manual Plastic Pump		
4. Ethanol, cby (30 carboys)		
Specifications:		
70 %		
Volume : 20 L		
Lot 2 - Other Molbio Consumables		
1. Gel Stain, vial (10 vials)		
Specifications:		
Fluorescent nucleic acid dye		
Gel Red		
0.5 mL		
10,000X in Water		
2. Gel loading, vial (20 vials)		
Specifications:		
6x		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Note to Bidders:

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Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Bromophenol Blue Dye		
3. 50bp DNA ladder, vial (5 vials)		
Specifications:		
With dye		
Vial		
4. 100bp DNA ladder, vial (5 vials)		
Specifications:		
With dye		
Vial		
5. Agarose Powder, 100g (10 bottles)		
Specifications:		
Molecular Grade		
100g/bottle		

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Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

6. Tris-Borate-EDTA electrophoresis buffer (10 bottles)		
Specifications:		
Molecular Grade or Ultra Pure Grade		
10x		
Volume : 1 L		
7. Nuclease free water (10 bottles)		
Specifications:		
Molecular Biology Grade		
DNase/RNase free		
not DEPC -treated		
Sterile		
Volume : 500 ml or in lesser volume provided that the total volume is complied		
8. RNase surface decontaminant (5 bottles)		
Specifications:		

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Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

500 ml or in lesser volume provided that the total volume is complied		
With spray		
Lot 3 - Common Laboratory Supplies		
1. Garbage bag (40 packs)		
Specifications:		
pack of 100		
color: black		
high density trash bags		
good quality		
thick		
large size		
2. Biohazard bag, large, yellow, pack of 100 (10 packs)		
Specifications:		
pack of 100		

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Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

color: yellow		
high density trash bags		
good quality; with biohazard symbol; Autoclavable		
thick		
large size		
3. Biohazard bags, box of 1000 bags (5 boxes)		
Specifications:		
box of 1000		
red polypropylene		
with biohazard warning symbol		
at least 584 mm (H) x 483 mm (W) x 0.04 mm (thickness)		
4. Autoclavable bags (15 packs)		
Specifications:		
pack of 1000		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Heat resistant polypropylene (PP) bag		
For sterilization		
Clear		
Sizes : 6 X12 in and 11 x 19 in		
Autoclavable		
5. Interfolded towels (3000 packs)		
Specifications:		
Made from 100% virgin pulp		
Free from elemental chlorine and artificial whitener		
3 ply		
Dermatologically-tested		
6. Thermal tape (10 rolls)		
Specifications:		
autoclave indicator tapes		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

changes color when done with the sterilization process		
width: 19 mm ($\frac{3}{4}$ "		
length: 50 m (165 ft)		
can be used for both dry heat and autoclave steam sterilization		
7. Parafilm (10 rolls)		
Specifications:		
Parafilm M roll		
Can seal test tubes, beakers, flasks, culture tubes, etc		
Made of a semi-transparent, flexible and waterproof material		
Resistant to most acids and alcohols yet is gas permeable		
250 feet length		
2-inches width		
8. Kimwipes (50 packs)		
Specifications:		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules

Note to Bidders:

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Signature of Representative _____
 Name of Representative _____
 Position _____
 Company _____
 Address _____
 Telephone/Fax/Email _____

and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Lint free tissue paper		
9. Aluminum Foil (5 rolls)		
Specifications:		
Size : 12 x 300 m		
10. Liquid Hand Soap (30 pcs)		
Specifications:		
1L		
With soap dispenser		
11. Liquid Detergent (50 pcs)		
Specifications:		
1 gal		
12. Bleach (30 gal)		
Specifications:		
1 Gal		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
 Name of Representative _____
 Position _____
 Company _____
 Address _____
 Telephone/Fax/Email _____

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Liquid bleach		
0.12% sodium hypochlorite		
13. Spray bottle (50 pcs)		
Specifications:		
200mL capacity		
White		
14. First Aid Kit (5 kits)		
Inclusions:		
Antiseptic towelettes		
Alcohol prep pads		
Povidone-Iodine prep pads		
Sting relief pads		
Cotton balls		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
 Name of Representative _____
 Position _____
 Company _____
 Address _____
 Telephone/Fax/Email _____

Instant cold compress		
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In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

First Aid Guide		
Adhesive bandages		
Butterfly closure bandages		
Nitrile gloves		
GKB 400 box		
Wound closure strips		
Gauze rolls		
Eye pads		
Sterile Gauze Pads		
Cotton tip applicators		
Adhesive tape roll		
Tongue depressor		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative	_____
Name of Representative	_____
Position	_____
Company	_____
Address	_____
Telephone/Fax/Email	_____

Triangular bandage		
Tweezers		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Metal Scissors		
15. Packaging Tape, roll (5 rolls)		
Specifications:		
clear		
16. Cryoboxes (200 pcs)		
Specifications:		
100-well		
polycarbonate cryogenic box		
clear		
compatible with 1.5 ml microcentrifuge tubes and cryogenic vials		
stable from -196°C to 121°C		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

with numbered grids for sample identification		
with drain holes and air vents		
17. Ice Box (10 pcs)		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Specifications:		
Cooler		
Capacity : 5L (5 units), 10L (2 unit), 15L (2 unit), 20L (1 unit)		
18. Spill Kit (10 kits)		
Specifications:		
5 sets Universal Spill Kit (OSHA Compliant)		
Spill kit absorbent pads for oil and chemical (5 gallons)		
10 pcs absorbent pads		
2 pcs absorbent booms		
1 pc eye goggles		
1 pair nitrile gloves		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

1 pc instruction set		
1 pc disposable bag		
1 plastic box container		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

5 sets Biological Spill Kit		
Concentrated disinfectant (Bleach)		
10 pcs absorbent pads		
Bucket for diluting disinfectant		
Biohazard/Autoclavable bags		
Sharps container		
PPE (gloves, goggles)		
Forceps/tongs		
19. Electronic hygrometer (20 pcs)		
Specifications:		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Displays temperature and humidity		
Face icons		
Standalone or hanging thermo hygrometer		
Displays maximum/minimum temperature and relative humidity		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Can be set to °C/°F		
Fold-out stand and hook for wall fastening		
20. Laboratory timer with batteries (20 pcs)		
21. Scientific Calculator with batteries (5 pcs)		
Specifications:		
Digital		
With spare battery		
22. Adapter (50 pcs)		
Specifications:		
Universal socket adapter plug outlet		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

23. Marker pens (50 pcs)		
Specifications:		
Ultra-fine tip permanent marker (25 pcs)		
Fine whiteboard marker (25 pcs)		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Black, blue colors		
Inclusion: Whiteboard eraser (6 pcs)		
24. Continuous Length Papertape (20 pcs)		
Specifications:		
White		
2.0 in x 100 ft (50 mm x 30.4 m)		
Compatible with Brother QL-700 label printer		
25. Plastic storage containers with lid (12 pcs)		
Specifications:		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

70 L capacity		
White		
*Lot 4 - Sequencing Kit		
1. Enhanced Sequencing Pack (1 Pack)		
Specifications:		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Wash Kit, 6 rxns (3 kits)		
Control Expansion, 6 - 24 rxns (1 kit)		
Flow Cell (9 kits)		
Ligation Sequencing Kit 6 rxns (1 kit)		
Barcoding Kit 1-24, 6 rxns (6 kits)		
Sequencing Auxiliary Vials, 12 rxns (3 kits)		
RAP Top-Up Kit (3 kits)		
2. Hot Start Taq 2x Master Mix (3 Sets)		
Specifications:		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

100 rxns		
3. Beads (5 Bottles)		
Specifications:		
50mL		
4. Ligation Sequencing Kit (1 kit)		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Specifications:		
DNA CS (DCS), 50 uL, 1 Vial		
Adapter Mix (AMX), 40 uL, 1 vial		
Ligation Buffer (LNB), 200 uL, 1 vial		
Long Fragment Buffer (LFB), 1,800 uL, 2 vials		
Short Fragment Buffer (SFB), 1,800 uL, 2 vials		
Sequencing Buffer (SQB), 300 uL, 2 vials		
Elution Buffer (EB), 200 uL, 1 vial		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Loading Beads (LB), 360 uL, 1 vial		
Sequencing Tether (SQT), 10 uL, 1 vial		
5. Flow Cell Priming Kit (1 kit)		
Specifications:		
Flush Buffer (FB), 1 , 170 uL, 6 vials		
Flush Tether (FLT), 200 uL, 1 vial		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

6. Barcodes 1-12 (1 set)		
Specifications:		
Unique barcodes		
Native Barcode 01-12, 20 uL/vial, 12 vials		
Adapter Mix II, 40 uL, 1 vial		
7. Barcodes 13-24 (1 set)		
Specifications:		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Unique barcodes		
Native Barcode 13-24, 20 uL/vial, 12 vials		
Adapter Mix II, 40 uL, 1 vial		
8. Flow Cell (1 kit)		
Specifications:		
Compatible for MinION machine		
9. Flow Cell Wash Kit (1 kit)		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Specifications:		
Compatible with MinION Flow Cell		
10. Customized primers (10,000 bases)		
Specifications:		
C2Q concentration: 100nM		
33 Forward Primer Sequence		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

33 Reverse Primer Sequence		
11. Companion Module (1 kit)		
Specifications:		
for Oxford Nanopore Technologies Ligation Sequencing		
24 rxns		
12. DNA Repair Mix (1 Kit)		
Specifications:		
24 rxns		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

13. End Repair/dA-Tailing Module (1 Kit)		
Specifications:		
24 rxns		
14. Ligase Master Mix (1 Kit)		
Specifications:		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

50 rxns		
15. Quick Ligation Module (1 Kit)		
Specifications:		
20 rxns		
16. Quick Ligation Reaction Buffer (1 Kit)		
Specifications:		
(5X); 2 ml		
17. 2X PCR master (1 kit)		
Specifications:		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

with hot-start, high-fidelity polymerase enzyme		
Amplification of products up to 30 kb (human genomic DNA), 40 kb(lambda DNA), or 13.5 kb (human cDNA)		
Fast PCR extension (5 sec/kb)		
Antibody-mediated hot-start formulation		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

High tolerance for GC - rich templates as well as the presence of excess nucleic acid templates		
Suitable for use in conjunction with blunt-ended cloning systems		
*Validation of kits within 3 months. If found defective, the kits must be replaced within 3 months.		
DNA Amplification		
Lot 5 - PCR Kit (20 kits)		
Specifications:		
100 reactions/kit		
PreMix 2x Taq Solution of dNTPs and MgCl ₂		
NFW		
Lot 6 - High Fidelity PCR Kit (2 or 4 kits)		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Specifications:		
200 reactions/kit for 2 kits or 100 reactions/kit for 4 kits		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

2x ready mix of HIFI hot start DNA polymerase, dNTPs, MgCl2 and stabilizers		
NFW		
Lot 7 - DNA Enrichment Kit (5 kits)		
Specifications:		
24 reactions/kit		
MBD2-Fc Protein		
Bind/wash buffer (5x)		
16s rRNA Universal Gene Bacterial Control Primers (20 uM each, supplied as a mix)		
RPL30 Human DNA Control Primers (20 uM each, supplied as a mix)		
Extraction Kit		
Lot 8 - Manual Total Nucleic Acid Extraction (3 kits)		
Specifications:		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

For RNA and DNA extraction		
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Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Manual extraction kit		
For swab samples, saliva, tissue, blood, etc.		
250 reactions/kit		
Silica Technology		
250 colorless spin column in 2 ml tube		
500 pcs 2 ml collection tube		
2 Lysis Buffer (50 ml, and 2 x 33 ml)		
Wash buffer 1 concentrate (98 ml)		
Wash buffer 2 concentrate (66 ml)		
Elution buffer (2 x 60 ml)		
Proteinase K		
Quick Start Protocol		
Lot 9 - Automated Nucleic Acid Extraction Kit (5 kits)		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Specifications:		
For RNA and DNA extraction		
Automated extraction kit		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

For swab samples, saliva, tissue, blood, etc.		
50 reactions/kit		
Lysis buffer		
Wash buffer		
Elution buffer		
Compatible with KingFisher Duo Prime Machine		
Quality Control Kit		
Lot 10 - Bioanalyzer Kit (1 kit)		
Specifications:		
Sizing Range : 100 - 1000bp		
Sizing Accuracy : \pm 10%		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Sizing Reproducibility : 5% CV		
Quantitation Accuracy : 20%		

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Quantitative Range : 0.5-50ng/uL		
Analysis Time : 35 mins		
Samples per chip : 12		
Sample Volume : 1 uL		
Kits Stability : 4 months		
Kit Size : 300 samples/kit		
Lot 11 - dsDNA BR assay kit (3 kits)		
Specifications:		
500 reactions		

In compliance with Republic Act No. 9184, Section 18, and the 2016 Revised Implementing Rules and Regulations, Section 18, brand names are used because of compatibility with existing platforms or equipment which will maintain performance, functionality and useful life.

Note to Bidders:

The terms of payment shall be as follows: *upon complete delivery of all items/services.*

Signature of Representative _____
Name of Representative _____
Position _____
Company _____
Address _____
Telephone/Fax/Email _____

Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Quantity	Approved Budget	Delivered, Weeks/Months
	Lot 1: Alcohol		750,000.00	Sixty (60) calendar days
1	Absolute Ethanol, Molecular grade	70 bottles		
2	Absolute Ethanol, ACS	5 bottles		
3	Ethanol, TECH GRADE	5 carboys		
4	Ethanol, cby	30 carboys		
	Lot 2: Other Molbio Consumables		545,000.00	Sixty (60) calendar days
1	Gel Stain, vial	10 vials		
2	Gel loading dye	20 vials		
3	50bp DNA ladder, vial	5 vials		
4	100bp DNA ladder, vial	5 vials		
5	Agarose Powder, 100g	10 bottles		
6	Tris-Borate-EDTA electrophoresis buffer	10 bottles		
7	Nuclease Free Water	10 bottles		
8	RNase surface decontaminant	5 bottles		

	Lot 3: Common Laboratory Supplies		911,900.00	Sixty (60) calendar days
1	Garbage bag, large, black, pack of 100	40 packs		
2	Biohazard bag, large, yellow, pack of 100	10 packs		
3	Biohazard bag, box of 1000 bags	5 boxes		
4	Autoclavable bag, pack of 1000	15 pack		
5	Interfolded towels	3000 packs		
6	Thermal tape	10 rolls		
7	Parafilm	10 rolls		
8	Kimwipes	50 packs		
9	Aluminum Foil, 12x300 m	5 rolls		
10	Liquid Hand Soap, 1L	30 pcs		
11	Liquid Detergent, 1 gal	50 pcs		
12	Bleach, 1 Gal	30 gal		
13	Spray bottle, 200 mL	50 pcs		
14	First Aid Kit	5 kits		
15	Packaging Tape, roll	5 rolls		
16	Cryoboxes, 100-well	200 pcs		
17	Ice Box	10 pcs		
18	Spill Kit	10 kits		

19	Electronic hygrometer	20 pcs		
20	Laboratory timer with batteries	20 pcs		
21	Scientific Calculator with batteries	5 pcs		
22	Adapter	50 pcs		
23	Marker Pens	50 pcs		
24	Continuous Length Papertape	20 rolls		
25	Plastic storage containers with lid	12 pcs		
	Lot 4: Sequencing Kit		3,595,500.00	Sixty (60) calendar days
1	Enhanced Sequencing Pack	1 pack		
2	Hot Start Taq 2x Master Mix	3 sets		
3	Beads	5 bottles		
4	Ligation Sequencing Kit	1 kit		
5	Flow Cell Priming Kit	1 kit		
6	Barcodes 1-12	1 set		
7	Barcodes 13-24	1 set		
8	Flow Cell	1 kit		
9	Flow Cell Wash Kit	1 kit		
10	Customized Primers	10,000 bases		
11	Companion Module	1 kit		

12	DNA Repair Mix	1 kit		
13	End Repair/dA-Tailing Module	1 kit		
14	Ligase Master Mix	1 kit		
15	Quick Ligation Module	1 kit		
16	Quick Ligation Reaction Buffer	1 kit		
17	2x PCR Master	1 kit		
	DNA Amplification			Sixty (60) calendar days
Lot 5	PCR Kit	20 kits	140,000.00	
Lot 6	High Fidelity PCR Kit	2 kits or 4 kits	84,000.00	
Lot 7	DNA Enrichment Kit	5 kits	415,000.00	
	Extraction Kit			Sixty (60) calendar days
Lot 8	Manual Total Nucleic Acid Extraction Kit	3 kits	270,000.00	
Lot 9	Automated Nucleic Acid Extraction Kit	5 kits	300,000.00	
	Quality Control			Sixty (60) calendar days
Lot 10	Bioanalyzer Kit	1 kit	250,000.00	
Lot 11	dsDNA BR assay kit	3 kits	60,000.00	

Price Schedule for Goods Offered from Abroad
[shall be submitted with the Bid if bidder is offering goods from Abroad]

For Goods Offered from Abroad

Name of Bidder _____ Project ID No. _____ Page ___ of ___

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	Lot 1: Alcohol								
1	Absolute Ethanol, Molecular grade Specifications: <ul style="list-style-type: none"> • Molecular Biology grade • ≥95% purity • Volume: 1L 		70 bottles						
2	Absolute Ethanol, ACS Specifications: <ul style="list-style-type: none"> • Analytical grade • Volume: 2.5L 		5 bottles						

Name: _____

Signature: _____

3	Ethanol, TECH GRADE Specifications: <ul style="list-style-type: none"> • 95% • Technical grade • Volume: 20 L 		5 carboys						
4	Ethanol, cby Specifications: <ul style="list-style-type: none"> • 70% • Volume : 20 L 		30 carboys						
Lot 2: Other Molbio Consumables									
1	Gel Stain, vial Specifications: <ul style="list-style-type: none"> • Fluorescent nucleic acid dye • Gel red • 0.5 mL • 10,000x in Water 		10 vials						
2	Gel loading dye Specifications: <ul style="list-style-type: none"> • 6x • Bromophenol Blue Dye 		20 vials						

Name: _____

Signature: _____

3	50bp DNA ladder, vial Specifications: <ul style="list-style-type: none"> • Vial • With dye 		5 vials						
4	100bp DNA ladder, vial Specifications: <ul style="list-style-type: none"> • Vial • With dye 		5 vials						
5	Agarose Powder, 100g Specifications: <ul style="list-style-type: none"> • Molecular Grade • 100g/bottle 		10 bottles						
6	Tris-Borate-EDTA electrophoresis buffer Specifications: <ul style="list-style-type: none"> • Molecular Grade or Ultra Pure Grade • 10x • Volume : 1 L 		10 bottles						
7	Nuclease Free Water Specifications: <ul style="list-style-type: none"> • Molecular Biology Grade • DNase/RNase free 		10 bottles						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Not DEPC-treated • Sterile • Volume : 500ml or in lesser volume provided that the total volume is complied 								
8	RNAse surface decontaminant Specifications: <ul style="list-style-type: none"> • With spray • Volume : 500ml or in lesser volume provided that the total volume is complied 		5 bottles						
Lot 3: Common Laboratory and Labeling Supplies Supplies									
1	Garbage bag, large, black, pack of 100 Specifications: <ul style="list-style-type: none"> • color: black • high density trash bags • good quality • thick • large size 		40 packs						
2	Biohazard bag, large, yellow, pack of 100 Specifications: <ul style="list-style-type: none"> • color: yellow • high density trash bags • good quality; with biohazard 		10 packs						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • symbol • Thick; autoclavable • large size 								
3	Biohazard bag, box of 1000 bags Specifications: <ul style="list-style-type: none"> • red polypropylene • with biohazard warning symbol • at least 584 mm (H) x 483 mm (W) x 0.04 mm (thickness) 		5 boxes						
4	Autoclavable bag, pack of 1000 Specifications: <ul style="list-style-type: none"> • Heat resistant polypropylene (PP) bag • for sterilization • clear • 6X12 in / 11 x 19 in • autoclavable 		15 packs						
5	Interfolded towels Specification: <ul style="list-style-type: none"> • Made from 100% virgin pulp • Free from elemental chlorine and artificial whitener • 3 ply • Dermatologist tested 		3,000 packs						
6	Thermal tape Specifications:		10 rolls						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> autoclave indicator tapes changes color when done with the sterilization process width: 19 mm (¾") length: 50 m (165 ft) can be used for both dry heat and autoclave steam sterilization 								
7	Parafilm Specifications: <ul style="list-style-type: none"> Parafilm M roll Can seal test tubes, beakers, flasks, culture tubes, etc Made of a semi-transparent, flexible and waterproof material Resistant to most acids and alcohols yet is gas permeable 250 feet length 2-inches width 		10 rolls						
8	Kimwipes <ul style="list-style-type: none"> Lint free tissue paper 		50 packs						
9	Aluminum Foil, 12x300 m		5 rolls						
10	Liquid Hand Soap, 1L <ul style="list-style-type: none"> With soap dispenser 		30 pcs						

Name: _____

Signature: _____

11	Liquid Detergent, 1 gal		50 pcs						
12	Bleach, 1 Gal Specifications: <ul style="list-style-type: none"> ● Liquid bleach ● 0.12% sodium hypochlorite ● Volume: 1 gal 		30 gal						
13	Spray bottle, 200 mL Specifications: <ul style="list-style-type: none"> ● 200 ml capacity ● White 		50 pcs						
14	First Aid Kit Inclusions: <ul style="list-style-type: none"> ● Antiseptic Towelettes ● Alcohol Prep pads ● Povidone-Iodine Prep pads ● Sting relief pads ● Cotton balls ● Instant cold compress ● First Aid guide ● Adhesive bandages ● Butterfly closure bandages ● Nitrile gloves ● GKB 400 box ● Wound closure strips ● Gauze rolls ● Eye pads 		5 kits						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Sterile gauze pads • Cotton tip applicators • Adhesive tape roll • Tongue depressor • Triangular bandage • Tweezers • Metal Scissors 								
15	Packaging Tape, roll Specifications: <ul style="list-style-type: none"> • Clear 		5 rolls						
16	Cryoboxes, 100-well Specifications: <ul style="list-style-type: none"> • polycarbonate cryogenic box • clear • compatible with 1.5 ml microcentrifuge tubes and cryogenic vials • 100 well • stable from -196°C to 121°C • with numbered grids for sample identification • with drain holes and air vents 		200 pcs						
17	Ice Box <ul style="list-style-type: none"> - Cooler - Capacity : 5L (4 units), 10L (2 units), 15L (2 units), 20L (1 unit) 		10 pcs						

Name: _____

Signature: _____

18	<p>Spill Kit</p> <p>Specifications:</p> <ul style="list-style-type: none"> ● 5 Kits Universal Spill Kit (OSHA Compliant) <ul style="list-style-type: none"> ○ Spill Kit absorbent pads for oil and chemical 5 gallons ○ 10 pcs absorbent pads ○ 2 pcs absorbent booms ○ 1 pc eye goggles ○ 1 pair nitrile gloves ○ 1 pc instruction set ○ 1 pc disposable bag ○ 1 plastic box container ● 5 Kits Biological Spill Kit <ul style="list-style-type: none"> ○ Concentrated disinfectant ○ 10 pcs absorbent pads ○ Bucket for diluting disinfectant ○ Biohazard/Autoclavable bags ○ Sharps container ○ PPE (gloves, goggles) ○ Forceps/tongs 		10 kits						
19	<p>Electronic hygrometer</p> <ul style="list-style-type: none"> ● Displays temperature and humidity ● Face icons ● Standalone or hanging thermo hygrometer ● Displays maximum/minimum temperature and relative humidity ● Face icons ● Can be set to °C/°F ● Fold-out stand and hook for wall fastening 		20 pcs						

Name: _____

Signature: _____

20	Laboratory timer with batteries		20 pcs						
21	Scientific Calculator with batteries Specifications: <ul style="list-style-type: none"> • Digital • With spare battery 		5 pcs						
22	Adapter Specifications: <ul style="list-style-type: none"> • Universal socket adapter plug outlet 		50 pcs						
23	Marker Pens Specifications: <ul style="list-style-type: none"> • Ultra-fine tip permanent marker (25 pcs) • Fine Whiteboard marker (25 pcs) • Black, blue colors Inclusion: <ul style="list-style-type: none"> • Whiteboard eraser (6 pcs) 		50 pcs						
24	Continuous Length Papertape Specifications: <ul style="list-style-type: none"> • White 		20 rolls						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 2.0 in x 100 ft (50 mm x 30.4 m) • Compatible with Brother QL-700 label printer 								
25	Plastic storage containers with lid Specifications: <ul style="list-style-type: none"> • 70 L capacity • White 		12 pc						
Lot 4: Sequencing Kits									
1	Enhanced Sequencing Pack Specifications: <ul style="list-style-type: none"> • Wash kit, 6 rxns (3 kits) • Control expansion, 6 - 24 rxns (1 kit) • Flow Cell (9 kits) • Ligation Sequencing Kit, 6 rxns (1 kit) • Barcoding Kit 1-24, 6 rxns (6 kits) • Sequencing Auxiliary Vials, 12 rxns (3 kits) • RAP Top-Up Kit (3 kits) 		1 pack						
2	Hot Start Taq 2x Master Mix Specifications: <ul style="list-style-type: none"> • 100 reactions 		3 sets						

Name: _____

Signature: _____

3	Beads Specifications: <ul style="list-style-type: none"> • 50 mL 		5 bottles						
4	Ligation Sequencing Kit Specifications: <ul style="list-style-type: none"> • DNA CS (DCS), 50 uL, 1 vial • Adapter Mix (AMX), 40 uL, 1 vial • Ligation Buffer (LNB), 200 uL, 1 vial • Long Fragment Buffer (LFB), 1,800 uL, 2 vials • Short Fragment Buffer (SFB), 1,800 uL, 2 vials • Sequencing Buffer (SQB), 300 uL, 2 vials • Elution Buffer (EB), 200 uL, 1 vial • Loading Beads (LB), 360 uL, 1 vial • Sequencing Tether (SQT), 10 uL, 1 vial 		1 kit						
5	Flow Cell Priming Kit Specifications: <ul style="list-style-type: none"> • Flush Buffer (FB), 1 , 170 uL, 6 vials • Flush Tether (FLT), 200 uL, 1 vial 		1 kit						
6	Barcodes 1-12		1 set						

Name: _____

Signature: _____

	Specifications: <ul style="list-style-type: none"> • Unique barcodes • Native barcode 01-12, 20 uL/vial, 12 vials • Adapter Mix II, 40 uL, 1 vial 								
7	Barcodes 13-24 Specifications: <ul style="list-style-type: none"> • Unique barcodes • Native Barcode 13-24, 20 uL/vial, 12 vials • Adapter Mix II, 40 uL, 1 vial 		1 set						
8	Flow Cell Specifications: <ul style="list-style-type: none"> • Compatible for MinION machine 		1 kit						
9	Flow Cell Wash Kit Specifications: <ul style="list-style-type: none"> • Compatible with MinION Flow Cell 		1 kit						
10	Customized Primers Specifications: <ul style="list-style-type: none"> • C2Q concentration : 100nM • 32 Forward Primer Sequence 		10,000 bases						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 32 Reverse Primer Sequence 								
11	Companion Module Specifications: <ul style="list-style-type: none"> • for Oxford Nanopore Technologies Ligation Sequencing • 24 reactions 		1 kit						
12	DNA Repair Mix Specifications: <ul style="list-style-type: none"> • 24 reactions 		1 kit						
13	End Repair/dA-Tailing Module Specifications: <ul style="list-style-type: none"> • 24 reactions 		1 kit						
14	Ligase Master Mix Specifications: <ul style="list-style-type: none"> • 50 reactions 		1 kit						
15	Quick Ligation Module Specifications:		1 kit						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 20 reactions 								
16	Quick Ligation Reaction Buffer Specifications: <ul style="list-style-type: none"> • 5x, 2 mL 		1 kit						
17	2x PCR Master Specifications: <ul style="list-style-type: none"> • with hot-start, high-fidelity polymerase enzyme • Amplification of products up to 30 kb (human genomic DNA), 40 kb(lambda DNA), or 13.5 kb (human cDNA) • Fast PCR extension (5 sec/kb) • Antibody-mediated hot-start formulation • High tolerance for GC-rich templates as well as the presence of excess nucleic acid templates • Suitable for use in conjunction with blunt-ended cloning systems 		1 kit						
DNA Amplification									
Lot 5	PCR Kit Specifications: <ul style="list-style-type: none"> • 100 reactions/kit 		20 kit						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • PreMix 2x Taq Solution of dNTPS and MgCl2 • NFW 								
Lot 6	High Fidelity PCR Kit Specifications: <ul style="list-style-type: none"> • 200 reactions/kit for 2 kits or 100 reactions/kit for 4 kits • 2x ready mix of HIFI hotstart DNA polymerase, dNTPs, MgCl2 and stabilizers • NFW 		2 kits or 4 kits						
Lot 7	DNA Enrichment Kit (24 reactions/kit) Specifications: <ul style="list-style-type: none"> • MBD2-Fc Protein • Bind/wash buffer (5x) • 16s rRNA Universal Gene Bacterial Control Primers (20 uM each, supplied as a mix) • RPL30 Human DNA Control Primers (20 uM each, supplied as a mix) 		5 kits						
	Extraction Kit								
Lot 8	Manual Total Nucleic Acid Extraction Kit Specifications: <ul style="list-style-type: none"> • For RNA and DNA extraction • Manual extraction kit 		3 kits						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • For swab samples, saliva, tissue, blood, etc. • 250 reactions/kit • Silica Technology • 250 colorless spin column in 2 ml tube • 500 pcs 2 mL collection tube • 2 Lysis buffer (50 mL, and 2 x 33 mL) • Wash buffer 1 concentrate (98 mL) • Wash buffer 2 concentrate (66 mL) • Elution buffer (2 x 60 mL) • Proteinase K • Quick Start Protocol 								
Lot 9	<p>Automated Nucleic Acid Extraction Kit</p> <p>Specifications:</p> <ul style="list-style-type: none"> • For RNA and DNA extraction • Automated Extraction Kit • For swab samples, saliva, tissue, blood, etc. • 50 reactions • Lysis buffer • Wash buffer • Elution buffer • Compatible with KingFisher Duo Prime machine 		5 kits						
	Quality Control								
Lot 10	<p>Bioanalyzer Kit</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Sizing Range : 100 - 1000bp • Sizing Accuracy : \pm 10% • Sizing Reproducibility : 5% CV • Quantitation Accuracy : 20% • Quantitative Range : 0.5-50ng/uL 		1 kit						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Analysis Time : 35 mins • Samples per chip : 12 • Sample Volume : 1 uL • Kit stability : 4 months • Kit Size : 300 samples/kit 								
Lot 11	dsDNA BR assay kit Specifications: <ul style="list-style-type: none"> • 500 reactions 		3 kits						

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Name: _____

Signature: _____

Price Schedule for Goods Offered from the Philippines
[shall be submitted with the Bid if bidder is offering goods from the Philippines]

For Goods Offered from the Philippines

Name of Bidder _____ Project ID No. _____ Page ___ of ___

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
	Lot 1: Alcohol								
1	Absolute Ethanol, Molecular grade Specifications: <ul style="list-style-type: none">• Molecular Biology grade• ≥95% purity• Volume: 1L		70 bottles						
2	Absolute Ethanol, ACS Specifications: <ul style="list-style-type: none">• Analytical grade• Volume: 2.5L		5 bottles						

Name: _____

Signature: _____

3	Ethanol, TECH GRADE Specifications: <ul style="list-style-type: none"> • 95% • Technical grade • Volume: 20 L 		5 carboys						
4	Ethanol, cby Specifications: <ul style="list-style-type: none"> • 70% • Volume : 20 L 		30 carboys						
Lot 2: Other Molbio Consumables									
1	Gel Stain, vial Specifications: <ul style="list-style-type: none"> • Fluorescent nucleic acid dye • Gel red • 0.5 mL • 10,000X in Water 		10 vials						
2	Gel loading dye Specifications: <ul style="list-style-type: none"> • 6x • Bromophenol Blue Dye 		20 vials						

Name: _____

Signature: _____

3	50bp DNA ladder, vial Specifications: <ul style="list-style-type: none"> • Vial • With dye 		5 vials						
4	100bp DNA ladder, vial Specifications: <ul style="list-style-type: none"> • Vial • With dye 		5 vials						
5	Agarose Powder, 100g Specifications: <ul style="list-style-type: none"> • Molecular Grade • 100g/bottle 		10 bottles						
6	Tris-Borate-EDTA electrophoresis buffer Specifications: <ul style="list-style-type: none"> • Molecular Grade or Ultra Pure Grade • 10x • Volume : 1 L 		10 bottles						
7	Nuclease Free Water Specifications: <ul style="list-style-type: none"> • Molecular Biology Grade • DNase/RNase free 		10 bottles						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Not DEPC-treated • Sterile • Volume : 500ml or in lesser volume provided that the total volume is complied 								
8	RNAse surface decontaminant Specifications: <ul style="list-style-type: none"> • With spray • Volume : 500ml or in lesser volume provided that the total volume is complied 		5 bottles						
Lot 3: Common Laboratory and Labeling Supplies									
1	Garbage bag, large, black, pack of 100 Specifications: <ul style="list-style-type: none"> • color: black • high density trash bags • good quality • thick • large size 		40 packs						
2	Biohazard bag, large, yellow, pack of 100 Specifications: <ul style="list-style-type: none"> • color: yellow • high density trash bags • good quality; with biohazard 		10 packs						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> ● symbol ● Thick; autoclavable ● large size 								
3	Biohazard bag, box of 1000 bags Specifications: <ul style="list-style-type: none"> ● red polypropylene ● with biohazard warning symbol ● at least 584 mm (H) x 483 mm (W) x 0.04 mm (thickness) 		5 boxes						
4	Autoclavable bag, pack of 1000 Specifications: <ul style="list-style-type: none"> ● Heat resistant polypropylene (PP) bag ● for sterilization ● clear ● 6X12 in / 11 x 19 in ● autoclavable 		15 packs						
5	Interfolded towels Specification: <ul style="list-style-type: none"> ● Made from 100% virgin pulp ● Free from elemental chlorine and artificial whitener ● 3 ply ● Dermatologist tested 		3,000 packs						
6	Thermal tape Specifications:		10 rolls						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • autoclave indicator tapes • changes color when done with the sterilization process • width: 19 mm ($\frac{3}{4}$") • length: 50 m (165 ft) • can be used for both dry heat and autoclave steam sterilization 								
7	Parafilm Specifications: <ul style="list-style-type: none"> • Parafilm M roll • Can seal test tubes, beakers, flasks, culture tubes, etc • Made of a semi-transparent, flexible and waterproof material • Resistant to most acids and alcohols yet is gas permeable • 250 feet length • 2-inches width 		10 rolls						
8	Kimwipes <ul style="list-style-type: none"> • Lint free tissue paper 		50 packs						
9	Aluminum Foil, 12x300 m		5 rolls						
10	Liquid Hand Soap, 1L <ul style="list-style-type: none"> • With soap dispenser 		30 pcs						

Name: _____

Signature: _____

11	Liquid Detergent, 1 gal		50 pcs						
12	Bleach, 1 Gal Specifications: <ul style="list-style-type: none"> ● Liquid bleach ● 0.12% sodium hypochlorite ● Volume: 1 gal 		30 gal						
13	Spray bottle, 200 mL Specifications: <ul style="list-style-type: none"> ● 200 ml capacity ● White 		50 pcs						
14	First Aid Kit Inclusions: <ul style="list-style-type: none"> ● Antiseptic Towelettes ● Alcohol Prep pads ● Povidone-Iodine Prep pads ● Sting relief pads ● Cotton balls ● Instant cold compress ● First Aid guide ● Adhesive bandages ● Butterfly closure bandages ● Nitrile gloves ● GKB 400 box ● Wound closure strips ● Gauze rolls ● Eye pads 		5 kits						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Sterile gauze pads • Cotton tip applicators • Adhesive tape roll • Tongue depressor • Triangular bandage • Tweezers • Metal Scissors 								
15	Packaging Tape, roll Specifications: <ul style="list-style-type: none"> • Clear 		5 rolls						
16	Cryoboxes, 100-well Specifications: <ul style="list-style-type: none"> • polycarbonate cryogenic box • clear • compatible with 1.5 ml microcentrifuge tubes and cryogenic vials • 100 well • stable from -196°C to 121°C • with numbered grids for sample identification • with drain holes and air vents 		200 pcs						
17	Ice Box <ul style="list-style-type: none"> - Cooler - Capacity : 5L (4 units), 10L (2 units), 15L (2 units), 20L (1 unit) 		10 pcs						

Name: _____

Signature: _____

18	<p>Spill Kit</p> <p>Specifications:</p> <ul style="list-style-type: none"> ● 5 Kits Universal Spill Kit (OSHA Compliant) <ul style="list-style-type: none"> ○ Spill Kit absorbent pads for oil and chemical 5 gallons ○ 10 pcs absorbent pads ○ 2 pcs absorbent booms ○ 1 pc eye goggles ○ 1 pair nitrile gloves ○ 1 pc instruction set ○ 1 pc disposable bag ○ 1 plastic box container ● 5 Kits Biological Spill Kit <ul style="list-style-type: none"> ○ Concentrated disinfectant ○ 10 pcs absorbent pads ○ Bucket for diluting disinfectant ○ Biohazard/Autoclavable bags ○ Sharps container ○ PPE (gloves, goggles) ○ Forceps/tongs 		10 kits						
19	<p>Electronic hygrometer</p> <ul style="list-style-type: none"> ● Displays temperature and humidity ● Face icons ● Standalone or hanging thermo hygrometer ● Displays maximum/minimum temperature and relative humidity ● Face icons ● Can be set to °C/°F ● Fold-out stand and hook for wall fastening 		20 pcs						

Name: _____

Signature: _____

20	Laboratory timer with batteries		20 pcs						
21	Scientific Calculator with batteries Specifications: <ul style="list-style-type: none"> • Digital • With spare battery 		5 pcs						
22	Adapter Specifications: <ul style="list-style-type: none"> • Universal socket adapter plug outlet 		50 pcs						
23	Marker Pens Specifications: <ul style="list-style-type: none"> • Ultra-fine tip permanent marker (25 pcs) • Fine Whiteboard marker (25 pcs) • Black, blue colors Inclusion: <ul style="list-style-type: none"> • Whiteboard eraser (6 pcs) 		50 pcs						
24	Continuous Length Papertape Specifications: <ul style="list-style-type: none"> • White 		20 rolls						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 2.0 in x 100 ft (50 mm x 30.4 m) • Compatible with Brother QL-700 label printer 								
25	Plastic storage containers with lid Specifications: <ul style="list-style-type: none"> • 70 L capacity • White 		12 pc						
	Lot 4: Sequencing Kits								
1	Enhanced Sequencing Pack Specifications: <ul style="list-style-type: none"> • Wash kit, 6 rxns (3 kits) • Control expansion, 6 - 24 rxns (1 kit) • Flow Cell (9 kits) • Ligation Sequencing Kit, 6 rxns (1 kit) • Barcoding Kit 1-24, 6 rxns (6 kits) • Sequencing Auxiliary Vials, 12 rxns (3 kits) • RAP Top-Up Kit (3 kits) 		1 pack						
2	Hot Start Taq 2x Master Mix Specifications: <ul style="list-style-type: none"> • 100 reactions 		3 sets						

Name: _____

Signature: _____

3	Beads Specifications: <ul style="list-style-type: none"> • 50 mL 		5 bottles						
4	Ligation Sequencing Kit Specifications: <ul style="list-style-type: none"> • DNA CS (DCS), 50 uL, 1 vial • Adapter Mix (AMX), 40 uL, 1 vial • Ligation Buffer (LNB), 200 uL, 1 vial • Long Fragment Buffer (LFB), 1,800 uL, 2 vials • Short Fragment Buffer (SFB), 1,800 uL, 2 vials • Sequencing Buffer (SQB), 300 uL, 2 vials • Elution Buffer (EB), 200 uL, 1 vial • Loading Beads (LB), 360 uL, 1 vial • Sequencing Tether (SQT), 10 uL, 1 vial 		1 kit						
5	Flow Cell Priming Kit Specifications: <ul style="list-style-type: none"> • Flush Buffer (FB), 1 , 170 uL, 6 vials • Flush Tether (FLT), 200 uL, 1 vial 		1 kit						
6	Barcodes 1-12		1 set						

Name: _____

Signature: _____

	Specifications: <ul style="list-style-type: none"> • Unique barcodes • Native barcode 01-12, 20 uL/vial, 12 vials • Adapter Mix II, 40 uL, 1 vial 								
7	Barcodes 13-24 Specifications: <ul style="list-style-type: none"> • Unique barcodes • Native Barcode 13-24, 20 uL/vial, 12 vials • Adapter Mix II, 40 uL, 1 vial 		1 set						
8	Flow Cell Specifications: <ul style="list-style-type: none"> • Compatible for MinION machine 		1 kit						
9	Flow Cell Wash Kit Specifications: <ul style="list-style-type: none"> • Compatible with MinION Flow Cell 		1 kit						
10	Customized Primers Specifications: <ul style="list-style-type: none"> • C2Q concentration : 100nM • 32 Forward Primer Sequence 		10,000 bases						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 32 Reverse Primer Sequence 								
11	Companion Module Specifications: <ul style="list-style-type: none"> • for Oxford Nanopore Technologies Ligation Sequencing • 24 reactions 		1 kit						
12	DNA Repair Mix Specifications: <ul style="list-style-type: none"> • 24 reactions 		1 kit						
13	End Repair/dA-Tailing Module Specifications: <ul style="list-style-type: none"> • 24 reactions 		1 kit						
14	Ligase Master Mix Specifications: <ul style="list-style-type: none"> • 50 reactions 		1 kit						
15	Quick Ligation Module Specifications:		1 kit						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 20 reactions 								
16	Quick Ligation Reaction Buffer Specifications: <ul style="list-style-type: none"> • 5x, 2 mL 		1 kit						
17	2x PCR Master Specifications: <ul style="list-style-type: none"> • with hot-start, high-fidelity polymerase enzyme • Amplification of products up to 30 kb (human genomic DNA), 40 kb (lambda DNA), or 13.5 kb (human cDNA) • Fast PCR extension (5 sec/kb) • Antibody-mediated hot-start formulation • High tolerance for GC-rich templates as well as the presence of excess nucleic acid templates • Suitable for use in conjunction with blunt-ended cloning systems 		1 kit						
	DNA Amplification								
Lot 5	PCR Kit Specifications:		20 kit						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • 100 reactions/kit • PreMix 2x Taq Solution of dNTPS and MgCl2 • NFW 								
Lot 6	High Fidelity PCR Kit Specifications: <ul style="list-style-type: none"> • 200 reactions/kit for 2 kits or 100 reactions/kit for 4 kits • 2x ready mix of HIFI hotstart DNA polymerase, dNTPs, MgCl2 and stabilizers • NFW 		2 kits or 4 kits						
Lot 7	DNA Enrichment Kit (24 reactions/kit) Specifications: <ul style="list-style-type: none"> • MBD2-Fc Protein • Bind/wash buffer (5x) • 16s rRNA Universal Gene Bacterial Control Primers (20 uM each, supplied as a mix) • RPL30 Human DNA Control Primers (20 uM each, supplied as a mix) 		5 kits						
	Extraction Kit								
Lot 8	Manual Total Nucleic Acid Extraction Kit Specifications: <ul style="list-style-type: none"> • For RNA and DNA extraction 		3 kits						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Manual extraction kit • For swab samples, saliva, tissue, blood, etc. • 250 reactions/kit • Silica Technology • 250 colorless spin column in 2 ml tube • 500 pcs 2 mL collection tube • 2 Lysis buffer (50 mL, and 2 x 33 mL) • Wash buffer 1 concentrate (98 mL) • Wash buffer 2 concentrate (66 mL) • Elution buffer (2 x 60 mL) • Proteinase K • Quick Start Protocol 								
Lot 9	<p>Automated Nucleic Acid Extraction Kit</p> <p>Specifications:</p> <ul style="list-style-type: none"> • For RNA and DNA extraction • Automated Extraction Kit • For swab samples, saliva, tissue, blood, etc. • 50 reactions • Lysis buffer • Wash buffer • Elution buffer • Compatible with KingFisher Duo Prime machine 		5 kits						
	Quality Control								
Lot 10	<p>Bioanalyzer Kit</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Sizing Range : 100 - 1000bp • Sizing Accuracy : $\pm 10\%$ • Sizing Reproducibility : 5% CV • Quantitation Accuracy : 20% 		1 kit						

Name: _____

Signature: _____

	<ul style="list-style-type: none"> • Quantitative Range : 0.5-50ng/uL • Analysis Time : 35 mins • Samples per chip : 12 • Sample Volume : 1 uL • Kit stability : 4 months • Kit Size : 300 samples/kit 								
Lot 11	dsDNA BR assay kit Specifications: <ul style="list-style-type: none"> • 500 reactions 		3 kits						

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Name: _____

Signature: _____