

UNIVERSITY OF THE PHILIPPINES

LOS BANOS Los Banos, IV-A VAT Reg. TIN: 000-364-006-00004

Request for Quotation/ Bid Form (Technical Specifications)

IBS-CAS

UPLB BAC SECRETARIAT
BY: DATE: 8-24-2)

AUG 3 1 2021 PRES

UPLB-RQ- 8 - 244 -21 - PRES

DEADLINE OF SUBMISSION

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DEADLINE OF SUBMISSION:	a anniumanium a manauminium manaumini

Suppliers Name:	Date	February 10, 2021
	Fund Code:	8247923
	MOP:	Public Bidding
	Contact No:	kdrodriguez@up.edu.ph
	Contact Person	Kiara Nicole Rodriguez

Please quote your lowest price on the item/s listed below, subject to the General Conditions below.

Note:

- 1. Bidders shall provide correct and accurate information required in this form. All entries must be typewritten or in print and properly accomplished. Do not leave blank entries, put N/A for not applicable.
- 2. Price quotation/s to be denominated in Philippine Peiso shall include all taxes, duties, and/ or levies payable.
- 3. Bidders must indicate the BRAND and MODEL NUMBER for equipment and its accessories or peripherals. Evidence shall be in the form of manufacturer's un-arrended sale literature, unconditional statement of specification and compliance issued by the manufacturer and sample.
- 4. Quotation through fax/email is acceptable. Winning bidder shall submit original signed RQ before issuance of Puchase order (P.O.).
- 5. Quotations exceeding the Appoved Budget for Contract shall be rejected.
- 6. Documentary requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation
- 7. Others:

ITEM No.	GENERAL NAME OF THE	REQUIRED SPECIFICATIONS	UNIT OF MEASURE	QTY	ESTIMATED UNIT APPROVED BUDGET OF THE CONTRACT	ESTIMATED TOTAL APPROVED BUDGET OF THE CONTRACT	OFFERED SPECIFICATION Suppliers must state here the detailed technical specifications of their offer against each of the individual parameters of each rack rements	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION (Leave this space blank. For BAC/ Evaluators only)
1	Gel Extraction and PCR Cleanup Kit, 250 reactions	Binding capacity: 10µg; Elution volume: 30-50µl; Format: Tube; Fragment size: 70bp-10kb; Processing: Manual, Recovery: dsDNA fragments; Removal <10rners; Technology: Silica technology; Applications: DNA: PCR reactions	kit	2	1º 47,500.00	95,000.00				
2	First Strand cDNA Synthesis Kit	Good for 100 reactions. Should contain Reverse Transcriptase, RiboLock RNase Inhibitor. 5X Reaction Buffer, dNTP Mix, Oligo(dT)16 Primer, Random Hexamer Primer, Control 3APDH RNA, 10 µM Forward GAPDH Primer, 10 µM Reverse GAPDH Primer, and nuclease-free water. Applicable for first strand cDNA synthesis for RT-PCR and RT-qPCR; construction of full length cDNA libraries; and antisense RNA synthesis.	kit	1	№ 39,452.55	₱ 39,452.55				
3	Polymerase, 500 units	An optimized blend of <i>Taq</i> and Deep Vent DNA Polymerase; 5 units per 50µl rxn; Extension rate: 1.2kb/min; Amplicon size: ≤30kb; Fidelity: 2X <i>Taq</i> ; Resulting Ends: 3' A/Blunt; Heat inactivation: No; 3'—5' Exonuclease activity: Yes; 5'—3' Exonuclease activity: Yes; Strand Displacement: +	vial/tube	3	₱ 11,000.00	₱ 33,000.00				
	Mix, 100 rxns	An optimized blend of Taq and Deep Vent DNA Polymerase; 1X Master Mix Composition: 60 mM Tris-SO4, 20 mM (NH4)2SO4, 2 mM MgSO4, 3% Glycerol, 0.06% GEPAL® CA-630, 0.05% Tween® 20, 0.3 mM dNTPs, 125 units/mL LongAmp® Hot Start Taq DNA Polymerase, pH 9.1 @ 25°C; Extension rate: 1.2kb/min; Amplicon size: ≤30kb; Fidelity: 2X Taq; Resulting Ends: 3' A/Blunt; Heat inactivation: No; 3'→5' Exonuclease activity: Yes; Strand Displacement: +	vial/tube	3	₱ 16,000.00	9 48,000.00				

System	Designed for the efficient ligation of sticky-ended DNA inserts into plasmid vectors in just 5 minutes (blunt-ended inserts in as little as 15 minutes); T4 DNA Ligase 500units;								
	Just 3 minutes (united like the interests in a sinite as 15 minutes), 14 DVA Ligase 5000mis, 2X Rapid Ligation Buffer (2 x 500,ll); Storage Buffer: 10mM Tris-HCl (pH 7.4 at 25°C), 50mM KCl, 1mM DTT, 0.1mM EDTA and 50% glycerol; Unit Definition: 0.01 Weiss unit of T4 DNA Ligase is the amount of enzyme required to catalyze the ligation of greater than 95% of 1µg of \(\text{\text{M}} \) minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assay	kit	5	9 8,400.00	P	42,000.00			
,	Chemical formula: C ₁₁ H ₁₂ Cl ₂ N ₂ O ₆ , Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C	bottle	1	9 ,500.00	-	9,500.00			
Kanamycin, monosulphate, 5g	Chemical formula: C18H36N4O11·H2SO4; Molecular Weight: 582.6; CAS number: 25389-94-0; Soluble in: Water; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C	bottle	1	9 ,000.00	-	9,000.00			
	A yellow, odorless, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the tetracycline repressor protein. Tetracycline Hydrochloride is the hydrochloride salt of tetracycline. Chemical formula: C_{22} H $_{24}$ N $_{2}$ O $_{2}$ HC (molecular weight: 480.91); Solubility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%.	bottle	2	5 ,500,00		11,000,00			
	Dnase and protease-free; Optimal reaction temperature: 60°C (activity range 15-70°C); Optimum pH: 7.6 (activity range 6-10); Source: Bovine Pancreas; Molecular Weight: 13.7 kDa monomer; Storage conditions: Store at -20°C; Shipping conditions: Shipped at room temperature	bottle	1	P 10,000.00	P	10,000.00			
	CutSmart buffer, 50°C; Activity at 37°C: 10%; Concentration: 20,000 units/ml;	vial/tube				9,000.00			
		L		TOTAL ABC	P :	305,952.55			
							TOTAL QUOTED AMOUNT IN WORDS:	-	
	Chloramphenicol, 25g Canamycin, nonosulphate, 5g etracycline Hydrochloride, 500mg RNAse A, 100mg	than 95% of 1µg of \(\text{Atj} \) of \(\tex	than 95% of 1µg of NHindIll fragments at 16°C in 20 minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assay Chloramphenicol, 25g Chemical formula: C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅ ; Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Chemical formula: C18H36N4O11-H2SO4; Molecular Weight: 582.6; CAS number: 25339-94-0; Soluble in: Water; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C etracycline lydrochloride, 500mg A yellow, odorless, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the tetracycline. Chemical formula: C ₂₂ H ₂ N ₂ O ₂ HCl (molecular weight: 480.91); Solubility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. RNAse A, 100mg Dnase and protease-free; Optimal reaction temperature: 60°C (activity range 15-70°C); Optimum pH: 7.6 (activity range 6-10); Source: Bovine Pancreas; Molecular Weight: 13.7 kDa monomer; Storage conditions: Store at -20°C; Shipping conditions: Shipped at room temperature Recognition sequence: GGCCNNNI/NGGCC; 3000 units; Reaction conditions: CulSmart buffer, 50°C; Activity at 37°C: 10%; Concentration: 20,000 units/ml; Methylation sensitivity: Impaireed by overlapping dcm methylation. Cleavage of marmmalian genonic DNA is blocked by some combinations of overlapping CpG methylation	than 95% of 1µg of A/HindIII fragments at 16°C in 20 minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assay Chloramphenicol, 25g Chemical formula: C1;1H1;2Cl2N2O6; Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Chemical formula: C18H36N4O11·H2SO4; Molecular Weight: 582.6; CAS number: 25389-94-0; Soluble in: Water; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C etracycline A yellow, odorless, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the tetracycline repressor protein. Tetracycline Hydrochloride is the hydrochloride salt of tetracycline. Chemical formula: C22H2N2O2HCI (molecular weight: 480.91); Solubility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. RNAse A, 100mg Dnase and protease-free; Optimal reaction temperature: 60°C (activity range 15-70°C); Optimum pH: 7.6 (activity range 6-10); Source: Bovine Pancreas; Molecular Weight: 13.7 kDa monomer; Storage conditions: Store at -20°C; Shipping conditions: Shipped at room temperature Recognition sequence: GGCCNNNNI/NGGCC; 3000 units; Reaction conditions: CutSmart buffer, 50°C; Activity at 37°C: 10%; Concentration: 20,000 units/ml; Methylation sensitivity: Impaireed by overlapping dcm methylation. Cleavage of mammalian genomic DNA is blocked by some combinations of overlapping CpG vial/tube	than 95% of 1µg of MHindIII fragments at 16°C in 20 minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assay Chloramphenicol, 25g Chemical formula: C ₁₁ H ₁₂ Cl ₂ N ₂ O ₆ ; Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Canamycin, nonosulphate, 5g Chemical formula: C18H36N4O11-H2SO4; Molecular Weight: 582.6; CAS number: 25389-94-0; Soluble in: Water; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Etracycline etydrochloride, 500mg A yellow, odorless, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the letracycline repressor protein. Tetracycline Hydrochloride is the hydrochloride sat of tetracycline. Chemical formula: C ₂₂ H ₂₄ N ₂ O ₂ HCI (molecular weight: 480.91); Solubility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. RNAse A, 100mg Dnase and protease-free; Optimal reaction temperature: 60°C (activity range 15-70°C); Optimum pH: 7.6 (activity range 6-10); Source: Bovine Pancreas; Molecular Weight: 13.7 kDa monomer; Storage conditions: Store at -20°C; Shipping conditions: Shipped at room temperature Recognition sequence: GGCCNNNI/NGGCC; 3000 units; Reaction conditions: CutSmart buffer, 50°C; Activity at 37°C: 10%; Concentration: 20,000 units/ml; Methylation sensitivity: Impaireed by overlapping dcm methylation. Cleavage of mammalian genonic DNA is blocked by some combinations of overlapping CpG methylation.	than 95% of 1µg of A/HindIll fragments at 16°C in 20 minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assary Chemical formula: C ₁₁ H ₁₂ Cl ₂ N ₂ O ₆ ; Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Chemical formula: C18H36N4O11·H2SO4; Molecular Weight: 582.6; CAS number: 25389-94-0; Soluble in: Water; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C A yellow, odorless, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the tetracycline expressor protein. Tetracycline Hydrochloride is the hydrochloride salt of tetracycline. Chemical formula: C ₂₂ H _{2M} N ₂ O ₂ HCI (molecular weight: 480.91); Solubility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. RNAse A, 100mg Dnase and protease-free; Optimal reaction temperature: 60°C (activity range 15-70°C); Optimum pH: 7.6 (activity range 6-10); Source: Bovine Pancreas; Molecular Weight: 13.7 KDa monomer; Storage conditions: Store at -20°C; Shipping conditions: Shipped at room temperature Recognition sequence: GGCCNNNN/NGGCC; 3000 units; Reaction conditions: CutSmart buffer, 50°C; Activity at 37°C: 10%; Concentration: 20,000 units/m/; Methylation sensitivity: Impaireed by overlapping dcm methylation. Cleavage of mammalian genomic DNA is blocked by some combinations of overlapping CpG TOTAL ABC P TOTAL ABC	than 95% of 1µg of ArHindlill fragments at 16°C in 20 minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assary Chemical formula: C ₁₁ H ₁₂ Cl ₂ N ₂ C ₆ ; Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Canamycin, nonosulphate, 5g Chemical formula: C18H36N4O11·H2SO4; Molecular Weight: 582.6; CAS number: 25389-94-0; Soluble in: Water; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C A yellow, odorless, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the tetracycline repressor protein. Tetracycline Hydrochloride is the hydrochloride satt of tetracycline repressor protein. 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Cleavage of mammailian genonic DNA is blocked by some combinations of overlapping CpG methylation TOTAL ABC 9 305,952.E6	than 95% of 1yg of Affindlill fragments at 18°C in 20 minutes; QC Tests: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assay Chloramphenicol, 25g Chemical formula: C ₁ ,H ₁ ,C ₁ ,N ₂ Q, Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol; Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Canamycin, conosulphate, 5g Cetracycline elydrochloride, 500mg Cetracycline chemical formula: C ₂ H ₂ A ₂ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₂ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂ HC (molecular weight: 480.91); Solublility: Soluble in water, DMSO, methanol, and ethanol; Purity: 96%. Cetracycline chemical formula: C ₂ H ₂ A ₃ N ₂ O ₂	than 95% of Typ of M-Hindlif fragments at 18°C in 20 minutes; QC Tosts: Activity, SDS-PAGE/purity, DNase, endonuclease, RNase, blue/white cloning assay Chloramphenicol, 25g Chemical formula: C ₁ ,H ₂ C ₂ N ₂ C ₃ , Molecular Weight: 323.1; CAS number: 56-75-7; Soluble in: Water(slightly), methanol and ethanol, Storage: Stable at room temperature, to increase shelf-life, store at 2-8°C Canamycin, Connesse shelf-life, store at 2-8°C etracycline etydrochloride, 500mg A yellow, odorleas, crystalline powder. It is commonly used as an agent to activate gene expression from an inducible expression plasmid in engineered cells expressing the tetracycline chromatic C ₂ Pt-N ₂ C ₃ Pt-O(molecular weight: 49.91), Solubility. Soluble in vater, DMSO, methanol, and ethanol; Purity: 95%. NASe A, 100mg CRNAse A, 100mg Recognition sequence: GGCCNNNN/NagCC; 3000 units; reaction conditions: CulSmart buffer, 50°C; Activity ange 6-10); Source: Bovine Pancreas; Molecular Weight: 1

Reviewed	and	Checked	By

Please quote at your government price (including VAT) and state that the time within which you can make delivery, it will be appreciated if we can have your quotation in the office as soon as possible on or before the deadline stated herein.

TERMS AND CONDITIONS:

- 1. Price quotation/s shall be valid for a period of at least (30) calendar days from the date of submission.
- 2. In order to assure that manufacturing defects shall be corrected by supplier, a warranty security shall be required from the contract awardee for a minimum period of three (3) months, in the case of EXPENDABLE SUPPLIES, or a minimum of one (1) year warranty and two (2) to three (3) years extended warranty (if applicable) in the case of NON-EXPENDABLE SUPPLIES after acceptance by End-user of the delivered supplies.
- 3. Delivery period within 30 calendar days.
- 4. Award of contract shall be made to the lowest quotation wich complies with the technical specifications, and other terms and condition stated herein
- 5. UPLB reserves the right to reject any or all offers as may be considered most accountageous to the University.
- 6. Any interlineations, erasure, or overwriting shall be valid only if they are signed or initiated by you or any of your duly authorized representative's.

uirements for Suppliers (GPPB Resolution No. 21-2017)					
REQUIREMENTS	Shopping	Negotiated	Negotiated	Negotiated Procurement- Scientific	Negotiated
	(Section 52)	Procurement-	Procurement-	Scholarly or Artistic Work, Exclusive	Procurement-
		Small Value	Lease of Real	Technology and Media Services	Emergency
		Procurement.	Property or Venue	(Section 53.6)	(Section 53.2)
		(Section 53.9)	(Section 53.10)		
1 Mayor's/Business Permit	/	/	/	/	/
2 PhilGEPS Registration Number	/	/	/	/	/
3 Professional license/ CV (consulting services)		/		/	
4 PCAB License (for Infrastructure)		/			

5 Income / Business tax returns	(except for government agencies as lessor)	ABOVE		/	FOR ABO'S ABO
6 Omnibus Sworn Statement		FOR AS			FOR ABC'S ABO
7 NFCC for Infrastructure with A	BC above Ph500k				FOR ABC'S ABO'
After having carefully read and Name of the Company:	accepted your General Conditions, I/We quote you on the Item a	t prices noted above.			
Address:	V and the second		Tel. No. :		
	***************************************		Fax No.:	ti etterrelleriyasitetiin te enterrilleriyasitetiin te enterviyasitetiin te	Marie and Committee of Section of
Signature over Printed Name of Representative:			Email Address:		
Position:			Date:		