



UNIVERSITY OF THE PHILIPPINES  
LOS BANOS  
Los Banos, IV-A  
VAT Reg. TIN: 000-864-006-00004

UPLB BAC SECRETARIAT  
BY: 1 DATE: 5-16-22  
MAY 25 2022 - TIL 5PM  
UPLB-RQ- 5-174-22-RES  
DEADLINE OF SUBMISSION

Request for Quotation/ Bid Form (Technical Specifications)  
NATIONAL INSTITUTE OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY (BIOTECH)

UPLB-RQ-

DEADLINE OF SUBMISSION:

Suppliers Name: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: 04/22/2022  
Fund Code: N827147  
MOP: Small Value of Procurement  
Contact No: (049) 536-2884/ 09462001853  
Contact Person: Christine Mamiit

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

Note:

- 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.
- Price quotation/s to be denominated in Philippine Peso shall include all taxes, duties, and/ or levies payable.
- 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-amended sale literature, unconditional statement of specification and compliance issued by the manufacturer and sample.
- Quotation through fax/email is acceptable. Winning bidder shall submit original signed RQ before issuance of Purchase order (P.O.).
- Quotations exceeding the Approved Budget for Contract shall be rejected.
- Documentary requirements per Memorandum No. 03 Series of 2017 shall be attached upon submission of the quotation
- Others: \_\_\_\_\_

ITEM No.	GENERAL NAME OF THE ITEM	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 requirements	QUOTED UNIT PRICE	TOTAL QUOTED PRICE	EVALUATION (Leave this space blank. For BAC/ Evaluators only)
1	Next generation sequencing- Metagenome (Custom) Sequencing	<ul style="list-style-type: none"> <li>NEXT GENERATION SEQUENCING: Metagenome (Custom) Sequencing, Metagenome 16S sequencing and Fungal DNA Barcoding</li> <li>Type of sample: soil genomic DNA and fungal genomic DNA</li> <li>Number of samples for metagenome 16S: 12</li> <li>Number of samples for metagenome custom sequencing: 41</li> <li>Primer pairs for Metagenome (Custom) Sequencing:               <ul style="list-style-type: none"> <li>(1)NS1: 5'-GTA GTC ATA TGC TTG TCT C-3' and NS4: 5'-CTT CCG TCA ATT CCT TTA AG-3'</li> <li>(2)AML1: 5'-ATC AAC TTT CGATGG TAG GAT AGA-3' and AML2: 5'-GAA CCC AAA CAC TTT GGT TTC C-3'</li> <li>(3)IGK3: 5'-GCIWHTHTAYGGIAARGGIGGIATHGGIAA-3' and DVV: 5'-ATIGCRAAICCCRCRAIACIACRTC-3'</li> <li>(4)phoD-F733: 5-TGGGAYGATCAYGARGT-3 and phoD-R1083: 5-CTGSGCSAKSACRTTCCA-3</li> <li>16S Metagenome Sequencing of the V3-V4 region using OPC-purified primers (includes library construction)               <ul style="list-style-type: none"> <li>Bakt_341F: CCTACGGGNGGCWGCAG</li> <li>Bakt_805R: GACTACHVGGGTATCTAATCC</li> <li>Platform: MiSeq 300bp paired-end Setting</li> <li>Throughput: 100,000 reads per sample</li> <li>Turnaround time: 4-6 weeks after passing sample QC;</li> <li>Free shipping for more than 12 samples in one batch.</li> </ul> </li> <li>Fungal DNA barcoding               <ul style="list-style-type: none"> <li>7 samples: Species Identification (16s, 18s, ITS, 26s) Inclusive of DNA extraction, PCR amplification, bidirectional sequencing, and contig assembly. For 16S: PCR on 16S rRNA using 27F and 1492R primers; and yielding of 1,300bp or more sequencing data using internal primers 785F,</li> </ul> </li> </ul> </li> </ul>	lot	1	465,479.00	465,479.00				

907R. For ITS: primers to be used are ITS5 and ITS4 with >500bp guaranteed length. Inclusive of bioinformatics report. For 18s: primers to be used are NS1 and NS24. For 26s (D1,D2,D3 region): primers to be used are LR0R and LR7.

- o 23 regions: Customized PCR amplification. Amplification of target region using client's PCR conditions. Inclusive of gel image and report
- o 23 samples: PCR Purification. Enzymatic cleanup of PCR product.
- o 25 samples: Bidirectional DNA Standard Sequencing w/ BLAST results

Capillary sequencing of plasmids and purified PCR products in individual tube using both forward and reverse primers. Inclusive of fundamental analysis (investigation of homology for protein & DNA sequence level through BlastN or BlastX). With complimentary OPC-purified universal primers for sequencing. Free one-time resequencing for inconclusive results.


o 355 bases: Custom Oligo/Primer Synthesis. Purification: OPC. OPC purification with similar efficiency as PAGE or HPLC purification methods.

\*\*\*nothing follows\*\*

TOTAL ABC 465,479.00

TOTAL QUOTED AMOUNT IN WORDS:

Reviewed and Checked By:

  
Mark Anthony Badua  
BAC TWG

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.

  
DR. ROSARIO G. MONSALUD  
BUYER/END-USER

**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 \_\_\_\_\_ calendar days.
4. Award of contract shall be made to the lowest quotation which 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 advantageous 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 representatives.

**Requirements for Suppliers (GPPB Resolution No. 21-2017)**

REQUIREMENTS	Shopping	Negotiated	Negotiated Procurement	Negotiated Procurement- Scientific, Scholastic	Negotiated
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)		FOR ABC'S ABOVE	/	/	FOR ABC'S
6 Omnibus Sworn Statement		FOR ABC'S ABOVE			FOR ABC'S
7 NFCC for Infrastructure with ABC above Ph500k		/			FOR ABC'S ABOVE 50k

After having carefully read and accepted your General Conditions, I/We quote you on the item at prices noted above.

Name of the Company: \_\_\_\_\_

Address: \_\_\_\_\_

Signature over Printed Name of Representative Position: \_\_\_\_\_

Tel. No. : \_\_\_\_\_

Fax No. : \_\_\_\_\_

Email Address: \_\_\_\_\_

Date: \_\_\_\_\_