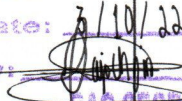


PURCHASE REQUEST

Entity Name: **PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY**


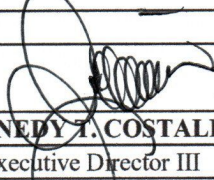
Fund Cluster: 184

Office/Section: Research Division		PR No. <u>22-03-158</u> Responsibility Center Code:	Date: 08 March 2022		
Stock/Property No.	Unit	Item Description	Quantity	Unit Cost	Total Cost
		<p>Sequencing and assembly of Abaca (<i>Musa textilis</i> Nee) Accessions: 1) Ihalas and 2) Inosa 1. Chromosome level assembly 2. Library Preparation and sequencing - Includes flash-freezing and shipping of fresh leaf samples from PhilFIDA (Quezon City) to service company/institution</p> <p>- Includes DNA extraction per sample - HiFi Pacbio Library preparation and sequencing - Omni-C library preparation to a target depth of at least 30x and quality assessment - TAD Analysis (if applicable)</p> <p>- Pacbio Hifi hifiasm with Hi-C Integration Assembly generating two haplotype-resolved draft assemblies both - Results to be delivered within 25 weeks after passing sample quality control</p> <p>- Output delivered using secured FTP (File Transfer Protocol) link and through softcopy files stored in hard drive.</p> <p>Deliverables: -The HiRise assembly in FASTA format -A report summarizing key assembly statistics, features of Omni-C library, and a linkage density plot of the proximity ligation library data -A table detailing the breaks made to the input scaffolds -A table describing the position of the input assembly scaffolds within the final HiRise scaffolds -BAM file(s) containing alignments of the Omni-C library read pairs mapped to the draft assembly -QC reports -Raw ILMN data from deep sequencing the Omni-C library</p> <p>-Phased SNP calling deliverables include: - BAM file - "Somestats" file from HapCut2 - Phased VCF file TAD Analysis Results (if applicable)</p> <p>Charge to DA-BIOTECH R-1806</p>	2	1,575,000.00	3,150,000.00
			TOTAL		3,150,000.00

PHILIPPINE FIBER INDUSTRY
DEVELOPMENT AUTHORITY
QUEZON CITY
RECEIVED
Date: 3/10/22
By: 
BAC SECRETARIAT

3/10/2022
Date
Purchase Request 22-03-158
budget is within the RESEARCH
approved 2022 APP/PPMP
BAC Secretariat

Purpose: For the implementation of project under DA-BIOTECH R-1806

	Requested by:	Approved by:
Signature		
Printed Name	JOSE L. CATALLA	KENNEDY T. COSTALES
Designation	Chief-Research Division	Executive Director III