



National Center for Mental Health

NOTICE OF AWARD

May 24, 2023

UNIVERSITY OF THE PHILIPPINES

Philippine Genome Center

A. Ma. Regidor Street, National Science Complex

UP Diliman, Quezon City, 1101

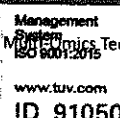
Tel No. +632 981 8500 Loc 4703 / 4704

Sir / Madam:

Please be advised that an Alternative Methods of Procurement - Agency-to-Agency is used by the National Center for Mental Health – Bids and Awards Committee for Contract Services and Consultancy for the **Procurement of Consultancy Service for the Establishment of the Philippine Biobank on Mental Health and the Use of Multi-Omics Technology in Improving Mental Health Outcomes Phase I: Capacity Building on Biobanking and Multi-Omics Technology CY 2023** and is hereby awarded to your company the following:

No.	Item Specifications / Descriptions	Qty/ UOM	Unit Price	Total Price
1	<p>Project Title : Capacity Building on Biobanking and Multi-Omics Technology</p> <p>Project Leader : Marc Edsel C. Ayes, MD</p> <p>Period : 12 Months from the receipt of Notice to Proceed</p> <p>Implementing : UP Philippine Genome Center</p> <p>OBJECTIVES:</p> <ol style="list-style-type: none"> 1. Establish the NCMH biobank for the purposes of genomic and informatics research through capacity building and knowledge sharing. 2. Capacitate NCMH healthcare workers in the performance of sample collection for the purposes of biobanking and DNA extraction for downstream genomic analysis. 3. Conduct research workshops designed to equip NCMH personnel for research in genomics and informatics. 4. Execute genomic research initiatives from NCMH researchers. 5. Establish NCMH proficiency in biobanking protocols through periodic validation of sample viability kept in the NCMH biobank by means of DNA quantification assays and SNP genotyping. 6. Recruit at least 500 patients for submission of blood and 	1 Lot	Php3,700,000.00	Php3,700,000.00

"There is no Health without Mental Health"



	<p>serum samples into the NCMH biobank for the purposes of future genomic research.</p> <ol style="list-style-type: none"> 7. Link tissue sample and clinical data informatically via a collaborative effort with the Center for Informatics (CFI), University of San Agustin (to be elaborated in a separate MOA between PGC and CFI but covered by funds in this MOA). 8. Establish and research collaborations in the area of neuroscience with other institutions. <p><u>DELIVERABLES</u></p> <ol style="list-style-type: none"> 1. Provide capacity building activities on multi-omics technology to identified laboratory personnel from NCMH e.g. three (3) RMTs and seven (7) clinician researchers; 2. Prepare a training manual, and post-training evaluation for the capacity building activities [hands-on training on extraction, sequencing, and bioinformatics]; 3. Prepare a time line to execute the capacity building activities spread over 12 months; 4. Provide with technical expertise, analysis and recommendations after the project. <p><u>PROPOSED WORK PLAN</u></p> <p>The project shall be divided into four (4) main phases</p> <p>Phase 1 - Staff recruitment and program development (orange) Hiring of a research assistant and project assistant to aid in the execution and setting up of the project. More specifically, the staff shall see to the execution of:</p> <ol style="list-style-type: none"> 1. Patient recruitment guidelines and securing of consent for enrollees into the NCMH biobank. 2. Facilitated consultation of enrollees with genetic counsellor upon recruitment into the NCMH biobank. 3. Collection of blood samples following the prescribed protocols of the NCMH biobank. 4. Collection of requisite patient information to be included in the data repository of blood samples entered in the NCMH biobank. 5. Three (3) – day workshop involving Medical Technologists and Clinicians to capacitate them in terms of wet lab techniques and multi-omics technologies, respectively. 6. Procurement of necessary reagents and materials needed in the execution of the project. <p>Phase 2 – Biobank population and start of capacity building exercises</p> <p>This phase shall include the following key activities:</p> <ol style="list-style-type: none"> 1. Three (3) – day workshop for capacity building as described above. 			
--	---	--	--	--

2. Start of collection of blood samples from NCMH patients for inclusion into the biobank.
3. Baseline sampling of random patient samples for quality of DNA prior to entry into the biobank.

Phase 3 – Interim evaluation of biobank samples

This phase shall involve interim evaluation of biobanked samples via random sampling and DNA quality testing c/o PGC.

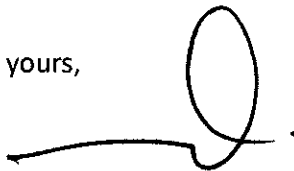
Phase 4 - Technical analysis and recommendations

This project shall conclude with the recruitment of at least 500 patients with five aliquots each for a total of 2,500 banked samples in the NCMH biobank. Recommendations for further research and expansion shall be made at the end of the project.

LINE- ITEM-BUDGET	Each	Total
Personal Services		
<i>Salaries:</i>		
One (1) Research Assistant @ SG 16 x 1.2 Premium x 12 months	45,780.00	549,360.00
One (1) Project Assistant @ SG 8 x 1.2 Premium x 12 months	22,798.00	273,576.00
<i>Honoraria:</i>		
One (1) Project Leader x 12 months	8,800.00	105,600.00
One (1) Resource Person on Biobank Lecture x 4 hours @ 1,400 / hr		5,600.00
One (1) Resource Person on DNA Extraction x 4 hours @ 840 / hr		3,360.00
One (1) Resource Person on Bio-informatics x 4 hours @ 1400 / hr		5,600.00
One (1) Resource Person on Omics Technologies 1x4 hours@1400/ hr		5,600.00
One (1) Resource Person on Omics Technologies 1lx4hours@1400/hr		5,600.00
One (1) Training Coordinator @ 1400/day x 3 days		4,200.00
One (1) Training Staff Level 1 @ 600/day x 3 days		1,800.00
One (1) Training Staff Level 2 @ 1,100/day x 3 days		3,300.00
Genetic Counselor's PF@500/ patient X 500 patients	500.00	250,000.00
Maintenance and Operating Expenses		
Laboratory Services (Use of equipment/equipment rental)		1,686,404.00
Professional Services (Consultant on Medical Informatics @ 3,000/consultationx20 consultant)		60,000.00
Kits and Reagents		650,000.00
Representation/Meals		65,000.00
Local Travel and Transportation Costs		10,000.00
Delivery/Courier/MOA Legal Fees		5,000.00
Printing and Binding		10,000.00
		3,700,000.00

TIMELINE												
Activities	12 MONTHS											
	1	2	3	4	5	6	7	8	9	10	11	12
Hiring of Personnel	█											
Procurement Planning & Purchase	█	█	█									
Program consultation and coordination	█	█	█									
Pre-launch symposium on pharmacogenomics (c/o Dr. Ayes)			█									
Capacity building seminar - Introduction to multi-omics technologies - Study design workshop - Wet lab techniques for DNA extraction (for medical technologists)				█								
Securing consent forms and approval for biobank sample collection	█	█	█									
Patient sample collection (500 patients)				█	█	█	█	█	█	█	█	█
DNA quality assessment												
Study development consultation				█	█	█	█	█	█	█	█	█
Interim study report												
Final Report												
TOTAL AMOUNT											Php3,700,000.00	

Truly yours,

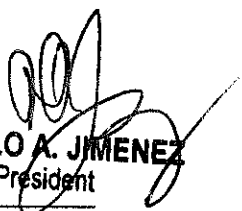


NOEL V. REYES, MD, FPPA, MMHoA
Medical Center Chief II

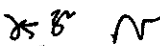


CONFORME:

ANGELO A. JIMENEZ
President



Authorized Representative



JUNE 5, 2023

Date and Time