

### Republic of the Philippines

### Department of Environment and Natural Resources

Visayas Avenue, Diliman, Quezon City, 1128 Tel. Nos. (632) 8929-66-26 to 29 · (632) 8929-62-52

8929-66-20 · 8929-66-33 to 35 · 8929-70-41 to 43 Email: web@denr.gov.ph; Website: https://denr.gov.ph

11 6 JUN 2023

### MEMORANDUM

FOR

The REGIONAL EXECUTIVE DIRECTOR

DENR, Region-4A

6/F Unit E, DENR By the Bay Building; 1515, Roxas Blvd,

Ermita, Manila, Metro Manila

FROM

The DIRECTOR

Foreign-Assisted and Special Projects Service

SUBJECT

CONFIRMATION/APPROVAL OF THE FY 2023-2024 WORK AND FINANCIAL PLANS (WFPs) OF SPECIAL PROJECT ENTITLED "CAVE AIR QUALITY ALERT SYSTEM (CAVE AIR QAS): AEROCAVE TOOL ADOPTION FOR MONITORING AND ASSESSMENT OF CAVE AIR QUALITY UNDER INTENSE CLIMATIC EVENTS IN A TROPICAL SETTING"

Reference to your memorandum dated 08 June 2023, attached is the FASPS confirmation on the approved FY 2023-2024 WFPs of the above-cited Special Project amounting to P2,000,000.00.

In support to the project start-up activities, this Office is already facilitating request to the DENR Central Office for the downloading of Sub-Allotment Advice (SAA) to DENR, Region-4A in the amount of P1,360,000.00 to cover the budgetary requirements of the Project for FY 2023.

For your information and guidance.

AL O. OROLFO, Ph.D.

cf:

PMD-R4A

Finance Division, R4A

EAS

RECORDS UNIT

0 9 JUN 2023



## Republic of the Philippines Department of Environment and Natural Resources Regional Office No. IV-A, CALABARZON

MEMORANDUM

**FOR** 

The Director

Foreign-Assisted and Special Projects Ser

DATE ession 4 CAL

**FROM** 

The Regional Executive Director

**SUBJECT** 

SUBMISSION OF FY 2023-2024 WORK AND FINANCIAL PLAN INCLUDING BED FORMS FOR THE PROJECT "CAVE AIR QUALITY ALERT SYSTEM (CAVE AIR QAS): AEROCAVE TOOL ADOPTION FOR MONITORING AND ASSESSMENT OF CAVE AIR QUALITY UNDER INTENSE

CLIMATIC EVENTS IN A TROPICAL SETTING"

JUN 13 2023

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DATE

JUN 0 8 2023

This pertains to your Memorandum regarding the approved special project proposed by the University of the Philippines Los Baños - School of Environmental Science and Management (UPLB-SESAM) entitled "Cave Air Quality Alert System (Cave Air QAS): AeroCave Tool Adoption for Monitoring and Assessment of Cave Air Quality under Intense Climatic Events in a Tropical Setting". We are respectfully submitting the FY 2023-2024 Work and Financial Plan including other documentary requirements amounting to Two Million Pesos (Php 2,000,000.00).

For your approval.

NILÓ B. TAMORIA, *CESO III* 

Department of Environment and Natural Resources WORK AND FRANCIAL, PLAN FY 2023 (In Thousand Pesos)

: School of Environmental Science and Management (SESAM)
: University of the Philippines Lee Banes
: Cere Air Quality Alert System (Cave Air Quality and Particular Science and Management (SESAM)
: University of the Philippines Lee Banes
: Cere Air Quality Alert System (Cave Air Quality Air Cave Air Quality Air Cave Air C MODE MOOE MODE 1 MODE MOOE MOOE 1 MODE 1 MODE Los Baños. Laguna Los Beños. Laguna Cavinti, Laguna Cavinti, Laguna Draft Sustainability Plan of the Cevinii, Laguna Project submitted to DENR IV-A oc BMB (no.) Cavinti, Laguna Los Baños, Laguna Coordination/Consultation C Meetings/Briefings conducted with report submitted to DE-NR IV-A (no.) Assessment Report on determining the parameters and procedures on cave serdogy behavior submitted to DENR IV.A. oc BMB (no.) Key Informent Interview conducted with report submitted to DENR IV-A (no.) Reconnaisance and Cave Profiling conducted with report submitted to DENR IV-A (no.) AeroCave Teen Project Planning and Regular Meetings 20,000 per meeting Meeting reports submitted to DEMR IVA (no.) Inception Report submitted to DENR IV-A (no.) Report submitted to DENR IV.A (no.) 150,000 per activity 150,000 per activity 100,000 per activity 400,000 per study 100,000 per activity 10,000 per activity 50,000 per meeting/ briefing 4. Conduct of Gap Analysis on the Cave Management and Ar Quality Status in the Philippines 2. Conduct of Coordination/Consultation Meetings and Sheffings with stakeholders A.2.d. Conduct of Special Studies, Design and Development in Support of Foresty, Mining and Emiltonmental Menagement Operation Including Ginste Change Resilience Determining the parameters and procedures on ave serology behavior . Conduct of Reconnaisance and Cave Profiling Preparation of Sustainability Plan of the Project 3. Review of Literature (Inception Report) PIAIP Code . Conduct of Key Informant Interview Department Agency Operating Unit /Project

Note: 100% of FY 2023 fund will be obligated by FY 2033 2nd Quarter, but Physical Targets will be implemented by UPLB-SESAM based on the scheduled quant

Prepared by:

sisted and Special Projects Service

## FY 2023 BF 200: FINANCIAL PLAN BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

Department

: ENVIRONMENT AND NATURAL RESOURCES

Agency

: OFFICE OF THE SECRETARY (OSEC)

Operating Unit
Organization Code (UACS)

: REGIONAL OFFICE : 100010300004

	. 1000100000						
DADTION AND	UACS OBJECT			<b>Budget Year Oblig</b>	gation Program		
PARTICULARS	CODE	TOTAL		COMP	REHENSIVE RELE	ASE	
	0000	TOTAL	Q1	Q2	Q3	Q4	Sub-Total
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience EXPENSES	200000100004000						
MAINTENANCE & OTHER OPERATING EXPENSES Professional Services	50200000-00 50211000-00	1,360		4 200	N. Alemania and A. Alemania an		
Consultancy Services	50211030-00	1,360	U	1,360	U	0	1,360
Consultancy Services			U	1,360	0	0	1,360
TOTAL	50211030- <b>02</b>	1,360		1,360			1,360
IOIAL		1,360	0	1,360	0	0	1,360

Prepared by:

Reviewed by:

JESSICAD. AILLANUEVA-PEYRAUBE, Ph.D. Proponent, UPLB-SESAM

RONITA A UNDAYAO
OIC, Assistant Regional Director for Management Services

Approved by:

Concurred by:

NILO B. TAMORIA, CESO III Regional Executive Director

ALO. OROLFO, Ph.D. Director, Foreign Assisted and Special Projects Service

#### **FY 2023 FINANCIAL PLAN** BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

: ENVIRONMENT AND NATURAL RESOURCES : OFFICE OF THE SECRETARY (OSEC) : REGION IV-A CALABARZON : 100010300004

Department Agency Operating Unit Organization Code (UACS)

			В	udget Year Obliga	tion Program		
PARTICULARS	UACS CODE	T-4-1		COMPRE	HENSIVE RELE	ASE	
		Total	Q1	Q2	Q3	Q4	Sub Total
1	2	6=11+16	7	8	9	10	11=7+8+9+10
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience	200000100004000						
Regional Total		1,360	•	1,360	•	•	1,360
MOOE		1,360	•	1,360			1,360
Regional Office - Proper		1,360		1,360		•	1,360
MOOE		1,360	-	1,360	-	-	1,360

Prepared by:

Reviewed by:

JESSICA D. NILLANUEVA-PEYRAUBE, Ph.D. Proponent, UPLB-SESAM

RONITA A UNLAYAO
OIC, Assistant Regional Director for Management Services

BED No. 1

Approved by:

Concurred by:

NILO B. TAMORIA, CESO III Regional Executive Director

AL OROLFO, Ph.D.

Director, Foreign-Assisted and Special Projects Service

BED No. 2

Department

: School of Environmental Science and Management (SESAM)

Operating Unit /Project

: University of the Philippines Los Banos

: Cave Air Quality Alert System (Cave Air QAS): AeroCave Tool Adoption for Monitoring and Assessment of Cave Air Quality under Intense Climatic Events in a Tropical Setting

		Current Y	ear's Accompli	shments		Physical Ta	argets (Bud	dget Year)			
Particulars	UACS CODE	Actual Jan. 1- Sept. 30	Estimate Oct, 1-Dec 31*	TOTAL	TOTAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Variance	Remarks
1	2	3	4	5=3+4	5=7+8+9+10	7	8	9	10	11=6-5	10
A.2.d. Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operation Including Climate Change Resilience	200000100004000			3-3.4	5-74049410			9	10	11=6-5	12
AeroCave Team Project Planning and Regular Meetings	50211030-02						1	2	2	5	
Conduct of Coordination/Consultation Meetings     and Briefings with stakeholders	50211030-02						1	3	3	0 7	
B. Review of Literature (Inception Report)	50211030-02							1		0	
4. Conduct of Gap Analysis on the Cave Management and Air Quality Status in the Philippines	50211030-02								1	0 1	
c. Conduct of Reconnaisance and Cave Profiling	50211030-02								1	0	
. Conduct of Key Informant Interview	50211030-02							1		0	
. Determining the parameters and procedures on ave aerology behavior	50211030-02								1	0 1 0	
. Preparation of Sustainability Plan of the Project	50211030-02								1	0	

Prepared by:

JESSICAD VILLANUEVA-PEYRAUBE, Ph.D. Proponent, OPLB SESAM

Reviewed by:

RONITA X UNLAYAO
OIC, Assistant Regional Director for Management Services

Concurred by:

NICO B. TAMORIA, CESO III Regional Executive Director

AL O, OROLFO, Ph.D.

Director, Foreign-Assisted and Special Projects Service

FY 2023 BED 3: MONTHLY DISBURSEMENT PROGRAM
(In Thousand Pesos)

: Department of Environment and Natural Resources : DENR Region IV-A (CALABARZON)

Department Agency Project

	Total	Tax Rem.										Full Y	ear Require	ment								
PROGRAM / ACTIVITY / PROJECT	Programs	Advice	Net		Qua	rter 1			Qua	rter 2		1st Sem		Qua	rter 3			Quar	ter 4		2nd Sem	Full Yea
	riograms	(TRA)	Program	Jan	Feb	March	Sub-total	April	May	June	Sub-total	1st Sem	July	Aug	Sept	Sub-total	Oct	Nov	Dec	Sub-total	Znu Sem	Total
Part A																						
NOTICE OF CASH ALLOCATION	1,292		1,292	# - E 1 1 1	180000000000000000000000000000000000000	STATE OF STATE	CONTRACTOR OF THE PARTY OF THE		<b>联接触效</b>		STREET		10 miles	(A)	418	484	7. P. S. S. S. S. S.	of the second	808	808	1,292	1,29
A. FISCAL YEAR'S (FY) BUDGET	1,360							AND DESCRIPTION OF THE PARTY OF					70	7 60 100 100 100	440				850	850	1,360	1,36
TRA	68	68											4		22				42		68	
NET PROGRAM	1,292		1,292										66		418				808	808	1,292	1,29
New General Appropriations	1,360												70		440				850	850	1,360	1,36
TRA	68	68					1 1						. 4		22			1	42	42	68	
NET PROGRAM	1,292		1,292				1 1						66		418				808	808	1,292	1,29
COMPREHENSIVE RELEASE	1,360		,,===										70		440				850	850	1,360	1,36
TRA	68	68			1								4		22				42	42	68	6
NET PROGRAM	1,292		1,292										66		418	484			808	808	1,292	1,29
Specific Budgets of National Government Agencies	1,360		1,360										70		440	510			850	850	1,360	
TRA	68	68	58				1						4		22	26			42	42	68	6
NET PROGRAM PS (Total Program) TRA	1,292		1,292										66		418	484			808	808	1,292	
NET PROGRAM MOOE (Total Program) TRA	1,360	68	1,360										70		440 22	510 26			850 42	850 42	1,360	1,366
NET PROGRAM CO (Total Program) TRA	1,292		1,292										66		418	484			808	808	1,292	1,292
NET PROGRAM																		1				
TAX REMITTANCE ADVICE PS	1,360	68											4		22	26			42	42	68	61
MOOE	1,360	68											4		22	26			42	42	68	6
CO													-									
PS (Total Program)	1,360	58	1,292						SEE DE BOSE				70		440	510			850	850	1,360	1,360
MOOE (Total Program) CO (Total Program)	1,360	68	1,292										70		440	510	1520		850	850	1,360	1,360

Prepared by:

Proponent UPLB-SESAM

Reviewed by:

RONITA A. UNLAYAO
OIC, Assistant Regional Director for Management Services
DENR IV-A

Approved by:/

NILO B. TAMORIA CESO III Regional Executive Director DENR IV-A

Concurred by:

AL O. OROLEO, Ph.D. Director Foreign-Assisted and Special Projects Service

Department of Environment and Natural Resources WORK AND FRANCIAL. PLAN FY 2023 (br Thousand Peros.)

: School of Environmental Science and Management (SESAM)
: University of the Philippines Los Bancos and Management (SESAM)
: University of the Philippines Los Bancos and Management (Service)

Codes

Unit Cost

Performance Indicator

Performance Indicator

Performance Indicator

Performance Indicator

Province

Or 102 02 04

Codes

Unit Cost

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Performance Indicator

Performance Indicator

Performance Indicator

Province

Or 102 02 04

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Unit Cost

Performance Indicator

Perf 350 8 400 MODE MODE MOOE MODE MODE MOOE MODE MODE Los Baños, Laguna Los Baños, Laguna Cavinti, Laguna Los Baños, Laguna Cavinti, Laguna Cavinti, Laguna Cavinti, Laguna Assessment Report on determining the parameters and procedures on cave aerdogy behavior submitted to DENR IV.A oc BMB (no.) Coordination/Consultation
Meetings/Briefings conducted with
report submitted to DENR IV-A Draft Sustainability Plan of the Project submitted to DENR IV-A oc BMB (no.) Key Informant Interview conducted with report submitted to DENR IV-A (no.) Reconnaisance and Cave Profiting conducted with report submitted to DENR IV-A (no.) AeroCave Team Project Planning and Regular Meetings 20,000 per meeting Meeting reports submitted to DENR IV-A (no.) 150,000 per activity Inception Report submitted to DENR IV-A (no.) 150,000 per activity Report submitted to DENR IV-A (no.) 400,000 per study 100,000 per activity 100,000 per activity 10,000 per activity 50,000 per meeting/ briefing 4. Conduct of Gap Analysis on the Cave Management and Ar Quality Status in the Philippines 2. Conduct of Coordination/Consultation Meetings and Briefings with stakeholders A.2.d. Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operation Including Climate Change Resilience 7. Determining the parameters and procedures on cave aerology behavior 5. Conduct of Reconnaisance and Cave Profifing 8. Preparation of Sustainability Plan of the Project 3. Review of Literature (Inception Report) PIAIP Code Conduct of Key Informant Interview Department Agency Operating Unit /Project

Nate: 100% of FY 2023 hard will be obligated by FY 2023 and Quarter, but Physical Targets will be incommitted by UPLB-SESAM based on the schreduled

Prepared by:

#### FY 2023 BF 200: FINANCIAL PLAN BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

Department

: ENVIRONMENT AND NATURAL RESOURCES

Agency

: OFFICE OF THE SECRETARY (OSEC)

Operating Unit

: REGIONAL OFFICE

Organization Code (UACS)

100010300004

DADTIGUI ADD	UACS OBJECT			Budget Year Oblig	gation Program		
PARTICULARS	CODE	TOTAL		COMP	REHENSIVE RELE	ASE	
	0002	TOTAL	Q1	Q2	Q3	Q4	Sub-Total
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience EXPENSES	200000100004000						
MAINTENANCE & OTHER OPERATING EXPENSES Professional Services Consultancy Services	50200000-00 50211000-00	1,360	0	1,360	0	0	1,360
Consultancy Services	50211030- <b>00</b> 50211030- <b>02</b>	1,360	0	1,360	0	0	1,360
TOTAL	30211030- <b>02</b>	1,360		1,360			1,360
		1,360	U	1,360	0	01	1,36

Prepared by:

Reviewed by:

JESSICA D. MILLANUEVA-PEYRAUBE, Ph.D. Proponent, UPLB-SESAM

RONITA A. UNLAVAO
OIC, Assistant Regional Director for Management Services

Approved by:

Concurred by:

NILO B. TAMORIA, CESO III Regional Executive Director

ALO. DROLFO, Ph.D.
Director, Foreign Assisted and Special Projects Service

#### FY 2023 FINANCIAL PLAN BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

: ENVIRONMENT AND NATURAL RESOURCES : OFFICE OF THE SECRETARY (OSEC) : REGION IV-A CALABARZON : 100010300004

Department Agency Operating Unit Organization Code (UACS)

3	. 100010300004						
				<b>Sudget Year Obliga</b>	tion Program		
PARTICULARS	UACS CODE	Total		COMPRE	HENSIVE RELE	ASE	
		Total	Q1	Q2	Q3	Q4	Sub Total
1	2	6=11+16	7	8	9	10	11=7+8+9+10
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience	200000100004000						
Regional Total MOOE		<b>1,360</b> 1,360	•	1,360	-	•	1,360
Regional Office - Proper MOOE		1,360		1,360 1,360			1,36 1,36
WICOE		1,360		1,360	-	•	1,36

Prepared by:

JESSICA D. VILLANUEVA-PEYRAUBE, Ph.D. Proponent, UPLB-SESAM

Reviewed by:

Concurred by:

RONITA A. UNLAYAO
OIC, Assistant Regional Director for Management Services

BED No. 1

Approved by:

NICO B. TAMORIA, CESO III Regional Executive Director

AL OCAROLFO, Ph.D.

Director, Foreign-Assisted and Special Projects Service

Department Agency

: School of Environmental Science and Management (SESAM)

Operating Unit /Project

: University of the Philippines Los Banos

: Cave Air Quality Alert System (Cave Air QAS): AeroCave Tool Adoption for Monitoring and Assessment of Cave Air Quality under Intense Climatic Events in a Tropical Setting

	Current Y	ear's Accompli	shments		Physical Ti	argets (Bud	dget Year)			
UACS CODE	Actual Jan. 1- Sept. 30	Estimate Oct, 1-Dec 31*	TOTAL	TOTAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Variance	Remarks
2	3	4	5=3+4	5=7+8+9+10	7	8	9	10	11=6-5	12
200000100004000						-				
50211030-02						1	2	2	5	
50211030-02						1	3	3	0 7	
50211030-02							1		0	
50211030-02								1	0 1	
50211030-02								1	0	
50211030-02							1		0	
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50211030-02								1	0	
	2 200000100004000 50211030-02 50211030-02 50211030-02 50211030-02 50211030-02 50211030-02	UACS CODE Actual Jan. 1- Sept. 30  2  200000100004000  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02	UACS CODE Actual Jan. 1- Sept. 30  2  2  200000100004000  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02	UACS CODE Actual Jan. 1- Sept. 30 - TOTAL 2 3 4 5=3+4  200000100004000  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02	UACS CODE Actual Jan. 1- Sept. 30  2  3  4  5=3+4  5=7+8+9+10  200000100004000  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02  50211030-02	UACS CODE Actual Jan. 1- Sept. 30	UACS CODE Actual Jan. 1- Sept. 30	UACS CODE Actual Jan. 1- Sept. 30	UACS CODE         Actual Jan. 1-Sept. 30         Estimate Oct. 1-Dec 31*         TOTAL         TOTAL Quarter         2nd Quarter         3rd Quarter         4th Quarter           2         3         4         5=3+4         5=7+8+9+10         7         8         9         10           200000100004000         1         2         2         1         3         3           50211030-02         1         3         3         3           50211030-02         1         1         1         1           50211030-02         1         1         1         1           50211030-02         1         1         1         1           50211030-02         1         1         1         1           50211030-02         1         1         1         1	UACS CODE         Actual Jan. 1-Sept. 30         Estimate Oct. 1-Dec 31*         TOTAL         TOTAL Quarter         1st Quarter Quarter         2nd Quarter Quarter         4th Quarter Quarter         Variance Quarter           2         3         4         5=3+4         5=7+8+9+10         7         8         9         10         11=6-5           200000100004000         1         2         2         5         0

Prepared by:

VILLANUEVA-PEYRAUBE, Ph.D.

Reviewed by:

RONITA A JINLAYAO
OIC, Assistant Regional Director for Management Services

Concurred by:

NILO B. TAMORIA CESO III Regional Executive Director

AL OVOROLFO, Ph.D.

Director, Foreign-Assisted and Special Projects Service

BED No. 2

FY 2023 BED 3: MONTHLY DISBURSEMENT PROGRAM (In Thousand Pesos)

PROGRAM / ACTIVITY / PROJECT Pro	2 1000	ystem (Ca	Cave Air Quality Alert System (Cave Air QAS	i): AeroCav	e Tool Ado	tion for N	onitoring	and Assess	ment of Cau	Ale Out	der under la	The state of the s	Cave Alr Quality Alert System (Cave Alr QAS): AeroCave Tool Adoption for Monitoring and Assessment of Caus Air Curelling and Care Alr Quality Alert System (Cave Alr QAS): AeroCave Tool Adoption for Monitoring and Assessment of Caus Air Carelling		-						
ACTIVITY   PROJECT	Total	Tax Rem.	1,7									Full Year	Full Year Requirement	a ropica	Dumac						
TO THE TAX A STATE OF THE TAX A STATE OF TAX A STAT	10		Program	1	Quarter	_			Quarter 2	7	j	-		Quarter 3		H		Quarter 4		L	Full Van
Jort A MOTIVE OF CASH		(TRA)		Jan	Feb	March S	Sub-total	April	May	June Su	Sub-total	Tat Sem	July	Aug	Sept Su	Sub-total	Oct	Nov Dec	Sub-total	tal 2nd Sem	
MOTIVE OF CACIFAL DOSTION	1	1	-							1			$\left  \cdot \right $	+	1	1	+	+	1		
		1000											-	-	H			-	-	-	
A. FISCAL YEAR'S (FY) BUIDGET	4 360		2021			No.	調の記念を		REGISTER AND		100 <b>1</b> 00 100 100 100 100 100 100 100 100 100		99		418	484		SECTION CONTRACTOR	808	08 1.29	1.2
TRA	86.	00							_			-	70	H	440	510	H	H		50 1.360	1,360
NET PROGRAM	4 202	8	4 200	1		1		1		1			7		22	26		_			
New General Appropriations	1 360	$\dagger$	1,292	1	1	1	1	1					99		418	484			808	1,2	1.2
TRA	3 2	8			_								20		440	510	H	H			
NET PROGRAM	1.292	3	1 292		_								7	_	22	56			42	42 68	
COMPREHENSIVE RELEASE	1.360	$\dagger$		$\dagger$	t	t	+	1	+	+	1	1	99	+	418	484					1,292
TRA	3	88	-		+	1	1	1	1				70		2	510				1	Ì
NET PROGRAM	1 292	3	4 202	_			_	_	_	_			4		22	56					
Specific Budgets of National	-	+	1434	$\dagger$	+	1	1	1	1	+	1		99	-	418	484				-	1,292
Government Agencies	1,360	_	1,360			_	_						70		440	510			850 8	1360	ľ
TRA	8	89	89						_	_	_		,				_				
	1,292		1.292	-		+	-	-		+		-	•		77	52	-		42	42 68	99
													9		81	184					
NET PROGRAM	-		+	+	+	+	+	+		+		-	-	-	+		-	-			
MODE (Total Program)	1,360		1,360										20			-				ľ	
2	89	89	89					_	_				2 1		046	010		_		_	
CO (Total Program)	1,292		1,292										99	-	418	484	-		808 8	808 1,292	1,292
NET PROGRAM	+	+	+	+	+	+	+	1	+	+	+	-	-	-	-		-	-			
II. TAX REMITTANCE ADVICE	1,360	89			-	t	t	+		H	t	ł	7	+	22	26	+	+	42	42 68	89
OE OE	1.360	6.8	+	+	+	+	+	+	+	+	1	-	-	-							
		3	+	+	+	+	1	+	+	1	-	1	4	1	22	26			42	42 68	68
TOTAL DISBURSEMENT PROGRAM	1,360	89	1,292			Section 1	District Res	SERVICE SERVICE			200	STATE OF THE PERSON	7.0	Section Section	440	610	delinear acceptant	STATE STATE	850 8	850 4 380	4 180
100	000						語の対象														
	7900	8	1,292										0,2		440	510			850 8	1,360	1,360

Reviewed by:

RONITA A. WILAYAO OIC, Assistant Regional Director for Management Services DENR IV-A

Concurred by:

Approved by:

Assisted and Special Projects Service

Prepared by:

		FY 2024 Physical Performance/Targets FY 2024		FY 2024 Physical Performance/Targets	sical Perfor	mance/Tar	lets		-	FY 20	124 Financi	FY 2024 Financial Performance/Targets	ance/Terge	2
P/A/P Code	Unit Cost	Parformance Indicator	Broudenes!	100	03	100	8	T	Exp.	10	03	50	8	
			>	Estimate Estimate Estimate	Estimate	stimate E	atimate	Total	Class	2	2	:	Estimate	Total
A.2.4. Conduct of Special Studies. Design and					-	-	-		TOTAL	979	•	0	•	2
									MOOM	3	•	0	0	300
i, AeroCave Team Project Plenning and Reguler Meetings	20,000 per meeting	Meeting Reports submitted to DENR IV-A (no.)	Los Baños, Laguna	-	-	-		8	MOOE	99			0	9
	The second of th													
2. Conduct of Coordination/Consultation Meetings	50,000 per	Coordination/Consultation	Cavinti, Laguna		-	-		2	MODE	100			0	100
with stakeholders	priesing/ briefing	Meetings conducted with report submitted to DENR IV-A						+		+	T		T	
		(no.)												
3. Finalization of Sustainability Plan of the Project	30,000 per activity		Cavinti, Laguna		-	-	-	-	MODE	30		0	T	
		submitted to DENR IV-A cc BMB (no.)												
Crafting of Operations Manual on the Court Air OAC	450 000 000		1	-	+	+	1	1	3000	100	1	1	+	ľ
Particles	Author bed promoted	190,000 per activity. Dependent Manual Intelliged and submitted to DENR IV-A cc. BAIR (no.)	Cavrib, Laguna							8				
5. Conduct of Rapid Survey on Tourists	150,000 per activity	150,000 per activity Rapid Survey conducted	Cavinti, Laguna	1	-	1	+	-	MODE	150	+	T	+	150
		with report submitted to DENR N-A (no.)												
6. Preparation and Conduct of Stakeholders Presentations	150,000 per ativity	Presentation on the Operations	Cavinti Laguna	1	+	+	-	-	MODE	150	+		+	150
or the Operations Manual on the Cave Air OAS Technology and assessments including the Sustainability Plan of the project		Manual on the Cave Ar QAS Technology including the Sustainability Plan of the project concluded with report submitted to DENR N-A cc BMB (no.)												

Note: 100% of FY 2024 fund will be obligated by FY 2024 1st Quarter, but Physical Targets will be implemented by UPLB-SESAM based on the schedules

## FY 2024 BF 200: FINANCIAL PLAN BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

Department

: ENVIRONMENT AND NATURAL RESOURCES

Agency

: OFFICE OF THE SECRETARY (OSEC)

: REGIONAL OFFICE

**Operating Unit** 

Organization Code (UACS)

: 100010300004

	UACS OBJECT			Budget Year O	bligation Program		
PARTICULARS	CODE	TOTAL		COM	PREHENSIVE RE	LEASE	
	CODE	TOTAL	Q1	Q2	Q3	Q4	Sub-Total
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience EXPENSES	200000100004000						
MAINTENANCE & OTHER OPERATING EXPENSES Professional Services Consultancy Services	50200000-00 50211000-00 50211030- <b>00</b>	<b>640</b>	<b>640</b>		<b>0</b>	0	<b>64</b> 0
Consultancy Services	50211030-02	640	640				640
TOTAL		640	640	0	0	0	640

Prepared by:

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RONITA A UNLAYAO
OIC, Assistant Regional Director for Management Services

Approved by:

Concurred by:

NILO B. TAMORIA, CESO III Regional Executive Director

AL O. OPELFO, Ph.D.

Director, Foreign Assisted and Special Projects Service

#### **FY 2024 FINANCIAL PLAN** BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

ENVIRONMENT AND NATURAL RESOURCES OFFICE OF THE SECRETARY (OSEC) REGION IV-A CALABARZON 100010300004

Department Agency Operating Unit Organization Code (UACS)

organization code (UACS)	: 100010300004						
			E	Sudget Year Obliga	ation Program		
PARTICULARS	UACS CODE	Total		COMPRI	HENSIVE RELE	ASE	
		Total	Q1	Q2	Q3	Q4	Sub Total
1	2	6=11+16	7	8	9	10	11=7+8+9+10
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience							
Regional Total MOOE		<b>640</b> 640	<b>640</b> 640	•	•	• 1	64
Regional Office - Proper MOOE		640	640				64 <b>64</b>
MUUE		640	640		-	-	64

Prepared by:

Reviewed by:

JESSICA D. VILLANUEVA-PEYRAUBE, Ph.D. Proponent, UPLB-SESAM

RONITA A. UNLAYAO
OIC, Assistant Regional Director for Management Services

Approved by:

Concurred by:

NILO B. TAMORIA, CESO III Regional Executive Director

Director, Foreign-Assisted and Special Projects Service

BED No. 2

Department

: School of Environmental Science and Management (SESAM)

Agency Operating Unit /Project

: University of the Philippines Los Banos

oject : Cave Air Quality Alert System (Cave Air QAS): AeroCave Tool Adoption for Monitoring and Assessment of Cave Air Quality under Intense Climatic Events in a Tropical Setting

		Current Y	ear's Accompl	ishments		Physical Ta	argets (Bud	iget Year)			
Particulars	UACS CODE	Actual Jan, 1- Sept, 30	Estimate Oct. 1-Dec 31*	TOTAL	TOTAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Variance	Remarks
1	2	3	4	5=3+4	6=7+8+9+10	7	8	9	10	11=6-5	12
A.2.d. Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operation Including Climate Change Resilience	200000100004000										12
AeroCave Team Project Planning and Regular Meetings	50211030-02					1	1	1		3	
Conduct of Coordination/Consultation Meetings with stakeholders	50211030-02						1	1		0 2 0	
3.Finalization of Sustainability Plan of the Project	50211030-02								1	0	
Crafting of Operations Manual on the Cave Air QAS Technology	50211030-02								1	0 1 0	
5. Conduct of Rapid Survey on Tourists	50211030-02						1			0	
6. Preparation and Conduct of Stakeholders Presentations on the Operations Manual on the Cave Air QAS Technology and assessments including the Sustainability Plan of the project	50211030-02								1	0 1 0 0	

Prepared by:

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Director, Foreign-Assisted and Special Projects Service

#### FY 2024 BED 3: MONTHLY DISBURSEMENT PROGRAM (In Thousand Pesos)

: Department of Environment and Natural Resources : DENR Region IV-A (CALABARZON)

	Total	Tax Rem. Advice	Net Program	AS): AeroCave Tool Adoption for Monitoring and Assessment of Cave Air Quality under Intense Climatic Events in a Tropical Setting Full Year Requirement																		
PROGRAM / ACTIVITY / PROJECT	Programs			Quarter 1			Quarter 2						Quarter 3				Quar	ter 4			Full Year	
		(TRA)	riogram	Jan	Feb	March	Sub-total	April	May	June	Sub-total	1st Sem	July	Aug	Sept	Sub-total	Oct	Nov	Dec	Sub-total	2nd Sem	Total
Part A																						
NOTICE OF CASH ALLOCATION	608		608	SECONO DE LA	or designation of the last	19	19	CARDON CO.		-		A STATE OF THE PARTY OF THE PAR										
A. FISCAL YEAR'S (FY) BUDGET	640		000	The second second	Secretary of the S	20			240 200	209	209	228	TO SEE		66			<b>建筑设施设施</b>	314			
TRA NET PROGRAM	32 608	32	608			1	1			220 11	11	240 12			70	4			330 16	330 16		3
New General Appropriations	640		608			19	19			209	209	228			66				314	314	380	
TRA	32	32				20	20			220	220	240 12			70	70			330 16	330 16	400 20	
NET PROGRAM	808		608			19	19			209	209	228			66	66			314	314		60
COMPREHENSIVE RELEASE	640					20	20			220	220	240			70			_	330	330		
NET PROGRAM	32 608	32	608			1 19	1 19			11	11	12			4	4			16	16	20	3
Specific Budgets of National Government Agencies	640		640			20	20			209	209	228 240			70				314 330	314 330		
TRA	32	32	32			-	-									,,,						
NET PROGRAM	608	32	608			19	19			11	11	12			4	4			16	16		
PS (Total Program) TRA	-		000			19	19			209	209	228			66	66			314	314	380	60
NET PROGRAM	++		-				-															
MOOE (Total Program)	640		640	1		20	20															
TRA	32	32	32	-		20	20	-		220	220	240			70	70			330	330	400	
NET PROGRAM CO (Total Program)	608	-	608			19	19			11 209	11 209	12 228			4 66	66			16 314	16 314	20 380	3: 60:
TRA NET PROGRAM																		-				
TAX REMITTANCE ADVICE PS	640	32				1	1			11	11	12			4	4			16	16	20	3
MOOE CO	640	32				1	1	-	-	11	11	12			4	4			16	16	20	3
TAL DISBURSEMENT PROGRAM	640	32	608		ACTION AND THE	20	20	45 TO 10 10	SALL MARKS	220	220	240	OLEVANO STANKE	USE TRANSPORT	70	70	Nils and According	TO A CONTROL OF THE PARTY OF TH				
PS (Total Program) MOOE (Total Program)	640	32	608										75.28						330	330	400	640
CO (Total Program)	0.00	32	000	A CONTRACTOR OF THE PARTY OF TH		20	20			220	220	240		Contract of the	70	70		Mary Control	330	330	400	640

Prepared by:

Department Agency

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Reviewed by:

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DENR IV-A

Approved by: /

NILO B. TAMORIA, CESO III Regional Executive Director DENR IV-A

Concurred by:

AL O. OROLFO, Ph.D.

Director
Foreign-Assisted and Special Projects Service

## tment of Environment and Natural Resources WORK AND FINANCIAL PLAN FY 2024 (In Thousand Pesos)

: School of Environmental Science and Management (SESAM) : University of the Philippines Los Banos : Cave Air Quality Alart System (Cave Air QAS): AeroCave Tool

Sersong Unit Project : Cave Air Quality Alert S	1			FY 2024 Pt		FY 2024 Financial Performance/Targets								
P/A/P Code	Unit Cost	Performance Indicator	Province/	Q1	Q2	Q3	Q4	1000	Exp.	Q1	Q2	Q3	Q4	
			Municipality	Estimate	Estimate	Estimate		Total	Class	Estimate	Estimate	Estimate		Total
A.2.d. Conduct of Special Studies, Design and			1				-		TOTAL	640		Loumote	Commerce	-
Development in Support of Forestry, Mining and				-			1	-	MOOE	640		0	0	64 64
Environmental Management Operation Including				1					MODE				-	04
Climate Change Resilience														
AeroCave Team Project Planning and Regular Meetings														
1. Add Care Team From From From Meetings	20,000 per meeting		Los Baños,	1	1	1		3	MOOE	60			0	6
	-	to DENR IV-A (no.)	Laguna											
			-											
2. Conduct of Coordination/Consultation Meetings	50,000 per	Coordination/Consultation	Cavinti, Laguna		1	1		2	MOOE	100			0	10
with stakeholders	meeting/	Meetings conducted with	The state of the s	-		-	-		MOOL	100		-		10
	briefing	report submitted to DENR IV-A		_						-			-	
		(no.)					-							-
				-										
3. Finalization of Sustainability Plan of the Project	30,000 per activity	Sustainability Plan of the Project	Cavinti, Laguna											
The second secon	DOLLOU POR BOOKING	submitted to DENR IV-A cc BMB	Cavine, Laguna				1	1	MOOE	30		0		30
		(no.)	1											
			-											
4. Crafting of Operations Manual on the Cave Air QAS	150,000 per activity	Operations Manual finalized and	Cavinti, Laguna				1	1	MOOE	150				150
afting of Operations Manual on the Cave Air QAS 1 nology		submitted to DENR IV-A cc						***************************************				AND THE REAL PROPERTY AND THE		
		BMB (no.)												
5. Conduct of Repid Survey on Tourists	150,000 per activity	Rapid Survey conducted	Cevinti, Legune		1			1	MODE	150				150
		with report submitted to							MOOL	100				130
		DENR N-A (no.)												
Preparation and Conduct of Stakeholders Presentations	150,000 per ativity	Presentation on the Operations	Cavinti, Laguna	-			1	1	MODE	150				150
on the Operations Manual on the Cave Air QAS		Manual on the Cave Air QAS					-			130	-			130
echnology and assessments including the		Technology including the												- 0
Sustainability Plan of the project		Sustainability Plan of the project												0
		conducted with report submitted											-	0
		to DENR IV-A cc BMB (no,)												0
	Section 1 to 1									The state of the s				

2024 fund will be obligated by FY 2024 1st Quarter, but Physical Targets will be implemented by UFLB-SESAM based on the scheduled quarter

# FY 2024 BF 200: FINANCIAL PLAN BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

Department

: ENVIRONMENT AND NATURAL RESOURCES

Agency

: OFFICE OF THE SECRETARY (OSEC)

**Operating Unit** 

: REGIONAL OFFICE

Organization Code (UACS)

100010300004

DADTIQUU ADG	UACS OBJECT	Budget Year Obligation Program													
PARTICULARS	CODE	TOTAL	COMPREHENSIVE RELEASE												
	-	TOTAL	Q1	Q2	Q3	Q4	Sub-Total								
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience EXPENSES	200000100004000														
MAINTENANCE & OTHER OPERATING EXPENSES Professional Services Consultancy Services	50200000-00 50211000-00	640	640	0	0	0	64								
Consultancy Services	50211030- <b>00</b> 50211030- <b>02</b>	640 640	640 640	0	0	0	64 64								
TOTAL		640	640	0	0	0	64								

Prepared by:

Reviewed by:

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RONITA AVAC OIC, Assistant Regional Director for Management Services

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NILO B. TAMORIA, CESO III Regional Executive Director

Director, Foreign Assisted and Special Projects Service

#### FY 2024 FINANCIAL PLAN BY FUNCTION/ACTIVITY/PROJECT (In Thousand Pesos)

: ENVIRONMENT AND NATURAL RESOURCES : OFFICE OF THE SECRETARY (OSEC) : REGION IV-A CALABARZON : 100010300004

Department Agency Operating Unit Organization Code (UACS)

Section 1		Budget Year Obligation Program													
PARTICULARS	UACS CODE	Total	Total COMPREHENSIVE RELEASE												
		TOTAL	Q1	Q2	Q3	Q4	Sub Total								
1	2	6=11+16	7	8	9	10	11=7+8+9+10								
Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operations, Including Climate Change Resilience	200000100004000														
Regional Total MOOE		<b>640</b> 640	<b>640</b> 640	-	•	•	640								
Regional Office - Proper MOOE		640	640				640 640								
MOUE		640	640			•	640								

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NILO B. TAMORIA, CESO III Regional Executive Director

Director, Foreign-Assisted and Special Projects Service

BED No. 2

Department

: School of Environmental Science and Management (SESAM)

Agency Operating Unit /Project

: University of the Philippines Los Banos

: Cave Air Quality Alert System (Cave Air QAS): AeroCave Tool Adoption for Monitoring and Assessment of Cave Air Quality under Intense Climatic Events in a Tropical Setting

		Current Y	ear's Accompl	ishments		Physical T	argets (Bud	dget Year)			
Particulars	UACS CODE	Actual Jan, 1- Sept. 30	Estimate Oct. 1-Dec 31*	TOTAL	TOTAL	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Variance	Remarks
1	2	3	4	5=3+4	6=7+8+9+10	7	8	9	10	11=6-5	12
A.2.d. Conduct of Special Studies, Design and Development in Support of Forestry, Mining and Environmental Management Operation Including Climate Change Resilience	200000100004000										12
AeroCave Team Project Planning and Regular Meetings	50211030-02					1	1	1		3	
Conduct of Coordination/Consultation Meetings with stakeholders	50211030-02						1	1		0 2 0	
3.Finalization of Sustainability Plan of the Project	50211030-02								1	0	
4. Crafting of Operations Manual on the Cave Air QAS Fechnology	50211030-02								1	0 1 0	
5. Conduct of Rapid Survey on Tourists	50211030-02						1			0	
6. Preparation and Conduct of Stakeholders Presentations on the Operations Manual on the Cave Air QAS Fechnology and assessments including the Sustainability Plan of the project	50211030-02								1	0 1 0 0	

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NILO B. TAMORIA, CESO III Regional Executive Director

FY 2024 BED 3: MONTHLY DISBURSEMENT PROGRAM (In Thousand Pesos)

Department Agency Project

: Department of Environment and Natural Resources : DENR Region IV-A (CALABARZON)

		Tax Rem.										Full Y	ear Requir	ement								
PROGRAM / ACTIVITY / PROJECT	Total Programs	Advice	Net	Quarter 1					Quar	ter 2				Qua	rter 3			Qua	rter 4			Full Ye
	Programs	(TRA)	Program	Jan	Feb	March	Sub-total	April	May	June	Sub-total	1st Sem	July	Aug	Sept	Sub-total	Oct	Nov	Dec	Sub-total	2nd Sem	Total
Part A	_																					
NOTICE OF CASH ALLOCATION	608	e de company	608	(C-C, C+) (C-D)	CHARLES AND	ACCRECATE OF	10	SCOROLLES	INTERNATION OF	200	200	228	CONTRACTOR AND ADDRESS.	ISTORY WAS	- 4 to 66	SANSAN CO.	of and the		314	314	380	MAN CHANG
L FISCAL YEAR'S (FY) BUDGET	640		The same of the sa	Name and Address of the	NAME OF TAXABLE PARTY.	20	CONTRADOPARA		Para Medical Cardinate	220	220	240		ROSESSES AND ADDRESS	70			III Alexandra de la companio	330		400	
TRA NET PROGRAM	32 608	32	608			1	1			11 209	11 209	12 228			4	4			16 314	16	20 380	
New General Appropriations	640		000			20				209	209	240			70			_	314		400	- 0
TRA	32	32	1 19			20	20			11	11	12			70	70			16		20	
NET PROGRAM	608	32	608			19	19			209	209	228			66	66			314		380	
COMPREHENSIVE RELEASE	640		000			20				220	220	240			70				330		400	6
TRA	32	32	-	-		1	1			11	11	12		-	10	10			16		20	
NET PROGRAM	608	-	608		F 0	19	10			209	209	228			66	66			314		380	6
Specific Budgets of National Government Agencies	640		640			20				220	220	240			70	70			330		400	
TRA	32	32	32			1	-			11	11	12			-	1			15	16	20	-
NET PROGRAM PS (Total Program) TRA	608	32	608			19	19			209	209	228			66	66			314		380	
NET PROGRAM	1	-																				
MOOE (Total Program)	840		640			20	20			220				-	70	70			220	330	400	
TRA	32	32	32			20	20	-		220	220	240 12			70	70			330 16	16	20	6
NET PROGRAM CO (Total Program)	608	52	608			19	19			209	209	228			66	66			314	314	380	60
TRA NET PROGRAM																						
TAX REMITTANCE ADVICE PS	640	32	196			1	1			11	11	12			4	4			16	16	20	
MOOE CO	640	32				1	1			11	11	12			4	4			16	16	20	
TAL DISBURSEMENT PROGRAM	640	32	608	TO STOCK S	126 MARKET TA	20	20	Maria Salah	ERICANISMO	220	220	240	0.0000000000	No series and	70	70	DAL HOLDING	DECEMBER OF THE	330	330	400	. 6
PS (Total Program) MOOE (Total Program)	640	32	608	5763		20							250						330	The Marie	400	
CO (Total Program)	040	32	600			20	20			220	220	240	S-10-55	SALES	70	70	BATTER STATE		330	330	400	0

Prepared by:

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