Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS



CENTRAL OFFICE

Manila

ame of P	Project:					P	roject ID: _	P00637054LZ		
onstruc	ction of Po	blacior	n East Flo	ood Control, P	idigan, Abra	A	opropriation:	50,000,000		
nplemen	ting Office	Abra Di	istrict Engi	ineering Office			Date:	12/10/2022		
Α.	TYPE O	F REQU	IEST				Friday			
A.1		Chang	e in Impl	lementing Off	ice/Operatin	g Unit due to	14			
	A.1.1		Geograp	hical Jurisdictio	27	1 State				
	A.1.2		Approval	l of Authority to	Bid/Implemen	t				
A.2	~	PROJE	CT MOD	FICATION/A	DJUSTMENTS	1				
	A.2.1		Typogra	phical Error/s						
	A.2.2		Change i	in Location (for	non-existent lo	cations only)				
	A.2.3									
	A.2.4		=	/Deletion of Wo						
	A.2.5		1	in Project Comp		5				
		A.2.5.1		Change in Targe						
		A.2.5.2 A.2.5.3		Change in Scop						
		A.2.5.4		Change in Com		incl. EXC Compo	nont)			
		A.2.5.5		Deletion of Com		inci. Exe compe	nenc)			
		A.2.5.6		Movement of FL	A CONTRACTOR OF	onents ONLY				
		A.2.5.7		MULTIPLE chan						
в.	EVALUA	TION								
B.1	~	1	ED as per	the GAA Provis	ions					
B.2		NOT AL	LOWED a	s per the GAA I	Provisions					
C.	FUND S	OURCE	FY 2022	GAA, R.A. 11	639					
C.1	1	FLR	(ØRelea:	sed 🗆 Unreleas	ed)	Amount:		50,000,000		
C.2		FCR				Section Section				
D.1	Condition	ı/s:	3	244.41 % 71.24 %	decrease in un increase in un decrease in pl increase in ph	it cost nysical target				
D.2		Change	in Seope	from to						
D.3	~	Certifica	ate of Cost	t Reasonablen	ss by RD					
D.4	1	Review	ed/Evaluat	ted by the Byre	au of Construct	ion dated 18 Oc	tober 2022.	The amount of		
		P50,000	J,000.00 V	vas reduceø to	P49,521,000.00) with an excess	of ₱4/9,000	Λ		
						NA	n()/	12/10/00		
			Starly	/	6	~ / /	1-1	10110000		
			RPAL							
Ev	valuated By:				ted By:	CONSTANTE A.	LLANES/JR	CESO III		
Ev	valuated By:		rogrammi	ng Division	ted By:	CONSTANTE A. Assistant Secreta	LLANES/JR			
Ev	valuated By:		Programmin	ng Division 🏰	ted By:		LLANES/JR			
Ev – – – oject ID:				ng Division 🏰			LLANES/JR,			
 oject ID		★^{OIC, P} 0637054		ng Division 🏰		Assistant Secreta	ILLANES/JR, ry for Mannin			
oject ID R : USEC	: P00	2637054	4LZ	ng Division Av	CTION SLIP	Assistant Secreta	LLANES/JR			
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Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **OFFICE OF THE SECRETARY**

194

Manila

November 28, 2022

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MEMORANDUM

FOR

MANUEL M. BONOAN

Secretary This Department

This refers to the memorandum dated 05 October 2022 of DPWH-Cordillera Administrative Region (CAR) Director KHADAFFY D. TANGGOL endorsing the request of District Engineer JOSELITO T. ARAO, Abra District Engineering Office, for the approval of Modification of the hereunder project covered by FY 2022 General Appropriation Act (GAA), to wit;

A	s per GAA/Origin	al	As Modified				
		Project D	escription				
UACS No. 3002 Project ID : P0					· · · · · · · · · · · · · · · · · · ·		
Sustainable Infras	structure Project Mitigation Stru ures/Facilities	port Program - s Alleviating Gaps ctures protecting t Flood Control,	Convergence an Sustainable Infra (SIPAG) - Flood Public Infrastruct Construction of Pidigan, Abra	structure Projects Mitigation Stru ures/Facilities	s Alleviating Gaps ctures protecting		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost		
CW1 – Construction of Flood Mitigation Structure/ 442.321 l.m.	₱110,779.28/ I.m.	₱49,000,000.00	CW1 – Construction of Flood Mitigation Structure/ 127.200 l.m.	₱381,529.78 / I.m.	₱48,530,588.30		
EAO	-	₱1,000,000.00	EAO	-	₱990,411.70		
	Total	P50,000,000.00		₽49,521,000.00			
				Sub-Total Excess	₽479,000.00		
			Total \$50,000,000				

Justification:

The increase in unit cost which resulted to the decrease in the physical target is due to the usage of a reinforced concrete dike type flood mitigation structure with steel sheet piles consisting of 72.76% of the project direct cost. The steel sheet piles, are necessary to prevent scouring and possible failure along the foundation of the proposed mitigation and ensure over-all stability of the project area.

- Also, the huge/massive rock embankment consisting of 18.43% of the project cost contributed to the high unit cost of the project.
- The derived unit cost is based on the approved Detailed Unit Price Analysis and Program of Work with reference to the evaluation made by the Bureau of Construction as per memo dated October 18, 2022. See the attached Cross Section drawing of the project submitted by the District Engineer, and Certificate of
- Reasonableness of Cost Estimates approved by the Regional Director.

Based on our evaluation, the submitted request for project modification is in order, hence, it is Based on our evaluation, the submitted request is presented in and approval respectfully recommended to the Secretary for his consideration and approval oc

EUGENIO R. PIPO, JR

Undersecretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

APPROVED/DISAPPROVED:

MANUEL M. BONOAN Secretary

2.3 aap/AVS/AGC/ERP

artment of Public Works and Highways of the WIN2E02550

Form for Modification Request

•		Α.	GENERAL					
1. REGION2. DEOCordillera Administrative RegionAbra District			Engineering Offic	e D	3. LEGISLATIVE DISTRICT Abra Lone District			
B. 0	RIGINAL PRO	JECT	C. PROPOSED REVISED PROJECT					
4. UACS (Unifie 30021910054	d Account Code Str 1000	ucture as defined	in GAA)					
5. Project Id P00637054L	z							
6. Project Cat Convergence ar	egory nd Special Suppor	t Program						
7. Sub-Progra Sustainable Infras Infrastructures/Fa	structure Projects A	lleviating Gaps (S	IPAG) - Flood Mitigatio	on Structure	es protec	ting Public		
8. Operating L Abra District En	Jnit gineering Office		18. Operating Unit (Change subject to DBM approval) Abra District Engineering Office					
Components belo			19. Type of Work (Enter Details for all Components below)					
Component II	D Type of Wor	k	Component ID EAO	D Type of Work				
EAO								
CW 1	Construction of Mitigation Structure		CW 1		Construction of Flood Mitigation Structure			
GAA)	DESCRIPTION (Poblacion East Fl		20. PROJECT DE Construction of Pol Abra					
11. ALLOTMEI 50,000	NT (P'000) (as re	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)22. CAF (To be obtained from Financial Manageme office)50,000S0,000						
12. PHYSICAL Components belo	TARGET (Enter	Details for all	23. PHYSICAL T Components below	A REAL PROPERTY OF A REAL PROPER	inter Det	ails for all		
Component ID	Target		Component ID	Target		Target Unit		
AO			EAO					
CW 1	442.321 Lineal Meters (lm)		CW 1	127.20		Lineal Meters (Im		
L3. UNIT COST below)	(Enter Details for		24. UNIT COST (Enter Detai	ls for all	Components below)		
Component ID Cost (P'000) Target Unit Cost (P'000/Target Unit)		Component ID	Component Cost (P'000)		Target Unit Cost (P'000/Target Unit			

Form for Modification Request

	35. PI	REPARED B	Y:
Name:	MELGIE JONES D. JAVIER	Position:	ENGINEER II
Office:	Abra District Engineering Office	Date:	
36. REVIE	WED BY DISTRICT OFFICE (If Required)	38. R	EVIEWED BY REGIONAL OFFICE
Name:	CHONA LUISA A. RAMOS	Name:	ANGELITA B. MABITAZAN
Position:	Chief, Planning and Design Section	Position:	chief, Planning and Design Division
Date:	1	Date:	in the second
	COMMENDED BY DISTRICT OFFICE (If Required)	39. REC	OMMENDED BY REGIONAL OFFICE
Name:	JOSELITOT. ARAO	Name:	KHADAFFY D. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

Form for Modification Request

		-						
EAO	1,000			EAO	5	990.41	17	
CW 1 49,00		0	110.779275 695562	CW 1	CW 1 48,5		.5883	381.52978
				Excess	4	479		
14. PRO	JECT WORK	LOCATIO	9N	strict accor	rdance with A" for Na	DO 65 5	Series 20	(Must be defined in 14. Also complete rojects under OC
Start X	120.596611	End X	120.587953	Start X 120.596611 End X			End X	120.587953
Start Y	17.566708	End Y	17.573018	Start Y 17.566708		'08 I	End Y	17.573018
15. ROA Choose an it	D CLASSIFIC		f applicable)	26. ROAI Choose an ite	D CLASSI	FICAT	CON (if a	pplicable)
Implemen	LEMENTING ting Office of th rict Engineerin	e original		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Abra District Engineering Office				
17. PRO (PIP)	JECT IMPLEN	IENTATI	ON PLAN	28. PRO	ECT IMP	LEMEN	ΙΤΑΤΙΟΙ	N PLAN (PIP)
Planned August 1,	Start Date		ed End Date ry 13, 2023	Planned Start DatePlanned End DateAugust 1, 2022February 13, 2023				
				29. OVER	29. OVERLAP? 30. UNDER W			DER WARRANTY?
16. S. C.		D.	ATTACHMEN	TS & JUS	TIFICATI	IONS		
31. PRO	JECT IMPAC	ANALY	SIS ATTACHED	? (For Flood	d Control Pr	ojects)		
		Þ	N/A					
 T t A C T o n S 	The increase i he usage of a piles consistin o prevent sco and ensure ov Also, the huge contributed to The derived u of Work with a nemo dated (n unit co g of 72.7 puring an er-all sta c/massive the high nit cost is reference October 1 ttached	ed concrete di 6% of the pro- d possible failu- bility of the pro- e rock embank unit cost of the s based on the to the evaluat 8, 2022.	ted to the ke type flo ject direct oject area ment cons ne project. approved tion made	decrease i od mitiga cost. The he founda isting of 1 Detailed by the Bu	in the steel s ation of 18.43% Unit Pr ureau o	physical ructure sheet pi f the pro o of the rice Ana of Const	l target is due to with steel sheet les, are necessar oposed mitigatior project cost lysis and Progran
	TOS SUBMIT							
□NO	⊠YES							
ONL	MILS							

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED $\square NO$ $\boxtimes YES$

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UACS (Unified Accourt 300219100541000		e as defined in GAA)					
Project ld P00637054LZ							
with the intervention of the intervention of the intervention of the intervention of the intervention	40. DPV	VH OFFICE OF TH	HE UNDERSECRETARI	ES FOR OPERATIONS	USE ONLY		
Category of Modification (choose one)			 Typographical Errors Change in Station Limits, due to increase or decrease in budget Change in Location Change in Operating Unit (requires DBM approval) Send to PS-PD to amend MYPS does not comply with DBM Categories 				
Primary Reason for	Request (bas	ed on Category	of Modification): (ch	oose one)			
Category A	Category	В	Category C	Category D	Adjustment (Must be no change to target or GAA line item)		
error on Project Work Description Chang Project limits, Description needs or dec			 No such Barangay No such City/Municipality 	Change in (IO), requiring a change in the (OU)	 Typographical error on Project Component Description Typographical error on other fields not included in, or not consistent with GAA Move funds between Project Components Add/delete Project Components Add/delete Project Components Various Description Location Amount Target 		
	Rev	iewed by Off	ice of the Unders	ecretary for Opera	ations		
Name: Signature	Engr. ANTO	NIG V SOBRE	VIÑAS, JR.				
Position: Date:	Project Man	iager II. [1] 28 21					
		41. DPWH	PLANNING SERVICE	OFFICE USE ONLY	这样认识了这些人,这些变得是 ¹		
Category of Modification Category B - Category of Modification Category C - (choose one) Adjustment -			 Change in Location Change in Operating I Send to PS-PD to amendoes not comply with I 	hange in Station Limits, due to increase or decrease in budget			
	-	Rev	viewed by Plannir	ig Service			
Name:	Anna And	rea M. Noche	Name:	Peter Paul R. Co	ortez		
Signature Position:	- Olymon in			+ Janky	gramming Division		
Date:							