Republic of the Philippines



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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CENTRAL OFFICE

Manila

3	Programming Division Evaluation Sh	leet	
Name of Pi	roject:	Project ID:	P00637011LZ
Construct	ion of Cardona Flood Control Structure, Barangay Cardona,	_	
Dolores, /	ing Office: Regional Office CAR	_ Appropriation: Date:	100,000,000
		Date	12/09/2022
A.	TYPE OF REQUEST		
A.1	A.1.1 Geographical Jurisdiction	10	
	A.1.2 Approval of Authority to Bid/Implement		
A.2	PROJECT MODIFICATION/ADJUSTMENTS		
A.2			
	A.2.1 Typographical Error/s A.2.2 Change in Location (for <u>non-existent locations</u> only	0	
	A.2.3 Change in Education (10) <u>Horrexistent ideations</u> only A.2.3 Change in Station Limits)	
	A.2.4 Addition/Deletion of Word/s		
	A.2.5 ✓ Change in Project Component/s Details A.2.5.1 Change in Targets ONLY		
	A.2.5.2 Change in Scope of Work ONLY		
	A.2.5.3 Change in Component Amount ONLY		
	A.2.5.4 Addition of Component ONLY (incl. EXC Co	mponent)	
	A.2.5.5 Deletion of Component ONLY	inperiority	
	A.2.5.6 Movement of Funds bet. Components ONL	(
	A.2.5.7 MULTIPLE changes in Component Details		
в.	EVALUATION		
B.1	ALLOWED as per the GAA Provisions		
B.2	NOT ALLOWED as per the GAA Provisions		
С.	FUND SOURCE FY 2022 GAA, R.A. 11639		
C.1	✓ FLR (□Released □Unreleased) Amount	:	100,000,000
C.2	FCR		
D. Re	emarks:	0	
D.1	Condition/s:% decrease in unit cost		
	149.97 % increase in unit cost		
	60.23 % decrease in physical target	[
D.2	Change in Scope from to		
D.3	 ✓ Certificate of Cost keasonableness by RD ✓ Reviewed/Evaluated by the Bureau of Construction dated 18 	October 2022	The amount of
D.4	P100,000,000.00 was reduced to ₱99,408,000.00 with an example.	xcess of ₱592.0	00.00
		~	
	\cap	()	Adaha
	lande C		19191
Eva	luated By PETER PAUL A ORTEZ Noted By: CONSTANT	EA. LLANES, JR.	
	OIC, Programming Division Assistant Sec	retary for Plann	ng Service
	ACTION SLIP		
Project ID:	P00637011LZ Date	. /	
	FOR OPERATIONS EKS RRB		RP
REMARKS:	Reviewed by Planning Service		
	Recommended for Approval	-	
	Remarks:	\cap	/
	n n n	X	
	Celle		

MARIA CATALINA E. CABRAL, CESO I, Ph.D. Undersecretary for Planning and PPP Services



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF THE SECRETARY

Manila

November 28, 2022

MEMORANDUM

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FOR

MANUEL M. BONOAN Secretary This Department

This refers to the memorandum of **DPWH-CAR Director KHADAFFY D. TANGGOL**, endorsing the request dated September 7, 2022 of **District Engineer JOSELITO T. ARAO**, Abra District Engineering Office, for the modification of the project under FY 2022 GAA, to wit;

A	s per GAA/Origin	al	As Modified			
		Project D	escription			
UACS No. 300219 Project ID: P0063						
Infrastructure Proje Mitigation Structure Facilities	cts Alleviating Gar es protecting Pul	ogram - Sustainable os (SIPAG) - Flood blic Infrastructures/	Infrastructure Proje Mitigation Structur Facilities	ects Alleviating Ga es protecting Pเ	rogram - Sustainable aps (SIPAG) - Flood ublic Infrastructures/	
Construction of Card Cardona, Dolores, Ab		Structure, Barangay	Construction of Car Cardona, Dolores, A		l Structure, Barangay	
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1- Construction of Flood Mitigation Structure: 884.642 Im	₱ 109,083.67/ Im	₱96,500,000.00	CW1- Construction of Flood Mitigation Structure: 351.80 lm	P 272,679.70 / Im	P95,928,721.01	
EAO	-	₽3,500,000.00	EAO	-	P3,479,278.99	
				Sub-total:	P99,408,000.00	
				Excess:	P592,000.00	
	Total:	P100,000,000.00	Total: ₱100,000,000.00			

Justification:

- The increase in unit cost which resulted to the decrease in physical target is due to the usage of a reinforced concrete dike type flood mitigation structure with steel sheet piles consisting of 52.72% 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 embankment consisting of 34.66% 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 memorandum dated October 20, 2022.
- See the attached Cross-section drawing of the project submitted by the District Engineer, and the Certificate of Reasonableness of Estimates approved by the Regional Director.

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

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

APPROVED/DISAPPROVED:

MANHE BONOAN

Secretary

2.3 mksa/AVS/AGC/ERP



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Form for Modification Request

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		Α,	GENERAL				
1. REGION2. DEOCordillera Administrative RegionAbra District			Engineering Office DISTR		ISLATIVE LICT .one District		
В. С	ORIGINAL PRO	JECT	C. PROPOSED REVISED PROJECT				
4. UACS(Unific 3002191000	ed Account Code Str 41000	ucture as defined	in GAA)				
5. Project Id P00637011							
6. Project Ca Convergence a	tegory Ind Special Suppor	rt Program					
7. Sub-Progra Sustainable Infra Infrastructures/F	astructure Projects A	Alleviating Gaps (S	IPAG) - Flood Mitigatio	on Structur	es protec	cting Public	
8. Operating Central Office	Unit		18. Operating U Central Office	Init (Chan	ge subje	ct to DBM approval)	
9. Type of Work (Enter Details for all Components below)			19. Type of Work (Enter Details for all Components below)				
Component ID Type of Work		Component ID	Type of Work				
EAO			EAO				
CW 1	Construction Mitigation Str	CW 1		Construction of Flood Mitigation Structure			
GAA) Construction of	DESCRIPTION f Cardona Flood C ona, Dolores, Abra	ontrol Structure,	20. PROJECT DE Construction of Ca Barangay Cardona	rdona Eloc	od Contr	the revised project) rol Structure,	
11. ALLOTMENT (P'000)(as recorded in GAA) 100,000			21. REVISED ESTIMATED COS (P'000) (Equal to, than GAA allotment 100,000	, or lower	ver 22. CAF (To be obtained from Financial Managemen office)		
12. PHYSICA Components bel	L TARGET (Enter ow)	Details for all	23. PHYSICAL T Components below		Enter Del	tails for all	
Component ID	Target		Component ID	Target		Target Unit	
AO			EAO				
CW 1	884.642	Lineal Meters (Im)	CW 1	351.80		Lineal Meters (Im)	
3. UNIT COS elow)	T (Enter Details for	all Components	24. UNIT COST (Enter Detai	ils for all	Components below)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compo Cost (P		Target Unit Cost (P'000/Target Unit	

Form for Modification Request

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120.705733		N	strict accor		OCATION		
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17.670512		120.705041	Start X	120.705733	End X	120.705041	
	End Y	17.675047	Start Y	17.670512	End Y	17.675047	
CLASSIFIC	ATION (i	f applicable)	26. ROAD Choose an ite	CLASSIFICA	TION (if a	pplicable)	
ing Office of the	e original p		Implement	ing Office of the	proposed re		
		ON PLAN	28. PROJ	ECT IMPLEM	ENTATION	N PLAN (PIP)	
Start Date						lanned End Date	
2022	May 5,	2023					
				29. OVERLAP? 30. UNL 2 NO 2 YES 2 NO		ER WARRANTY?	
	D	ATTACHMEN	TS & JUST	TIFICATION	s		
			? (For Flood	Control Project	s)		
			etail in Bullet	: point format; n	inimum of 2	points)	
n structure w et piles are r osed mitigation the huge/ma ed to the hig erived unit co h reference to tober 20, 200 Iso the atta	vith stee necessar on and e ssive ro h unit co ost is ba to the ev 22.	I sheet piles c y to prevent so nsure over-all ck embankme ost of the proje sed on the ap aluation made	onsisting c couring an stability of nt consisti ect. proved De by the Bu	of 52.72% of d possible fai the project a ng of 34.66% tailed Unit Pr reau of Const	the project lure along rea. 6 of the price Analys ruction as	ct direct cost. Th the foundation of project direct cos is and Program of per memorandur	
	ng Office of the ct Engineering ECT IMPLEM Start Date 022 ECT IMPACT © YES NICAL JUST Crease in un structure ver to structure ver en structure ver based mitigation he huge/marked to the hige rived unit con h reference to tober 20, 20	ng Office of the original p ct Engineering Office ECT IMPLEMENTATION Start Date 022 Planne May 5, D. A ECT IMPACT ANALYS 2 YES 2 NICAL JUSTIFICATION crease in unit cost n structure with stee et piles are necessary osed mitigation and e he huge/massive root et to the high unit cost in reference to the evitober 20, 2022. Iso the attached Ce	ECT IMPLEMENTATION PLAN Start Date Date Date Date Date Date Date Date	Implement Abra Distr Abra Distr Abra Distr ECT IMPLEMENTATION PLAN 28. PROJ Start Date Planned End Date May 5, 2023 Planned August 1, 29. OVER NO D. ATTACHMENTS & JUST ECT IMPACT ANALYSIS ATTACHED? (For Flood NO Implement N/A NICAL JUSTIFICATION (Explain in detail in Bullet) Implement Accrease in unit cost is due to the usage of a structure with steel sheet piles consisting of a structure with steel sheet piles consisting of a structure with steel sheet piles consisting of a based mitigation and ensure over-all stability of the huge/massive rock embankment consisting of the project. erived unit cost is based on the approved De the reference to the evaluation made by the But tober 20, 2022. Bo the attached Certificate of Reasonabler	Implementing Office of the original project) Implementing Office of the Abra District Engineering ECT IMPLEMENTATION PLAN 28. PROJECT IMPLEM Start Date Planned End Date May 5, 2023 Planned Start Date May 5, 2023 29. OVERLAP? NO Implementing Office ECT IMPLEMENTATION PLAN Planned Start Date May 5, 2023 29. OVERLAP? NO Implementing Office Planned Start Date August 1, 2022 29. OVERLAP? NO NO Implementing Office Planned Start Date August 1, 2022 29. OVERLAP? NO NO Implementing Office Implementing Office Planned Start Date August 1, 2022 29. OVERLAP? Implementing Office Implementing Office Implementing Office Implementing Office Implementing Office Implementing Office Implem	Implementing Office of the original project) Implementing Office of the proposed re Abra District Engineering Office Abra District Engineering Office ECT IMPLEMENTATION PLAN 28. PROJECT IMPLEMENTATION Start Date Planned End Date May 5, 2023 Planned Start Date May 5, 2023 29. OVERLAP? NO 29. OVERLAP? NO 29. OVERLAP? NO YES D. ATTACHMENTS & JUSTIFICATIONS ECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects) YES N/A NICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 Accrease in unit cost is due to the usage of a reinforced concrete to structure with steel sheet piles consisting of 52.72% of the project area. he huge/massive rock embankment consisting of 34.66% of the project area. he huge/massive rock embankment consisting of 34.66% of the project. arived unit cost is based on the approved Detailed Unit Price Analys in reference to the evaluation made by the Bureau of Construction as tober 20, 2022. Iso the attached Certificate of Reasonableness of Cost Estimate	

33. PHOTOS SUBMITTED 2 YES

2NO

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED 2**NO** 2 YES

Form for Modification Request

	35. PI	REPARED B	Υ:
Name:	MELGIE JONES D. JAVIER	Position:	ENGINEER II
Office:	Abra District Engineering Office	Date:	
36. REVIE	WED BY DISTRICT OFFICE (If	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:		Date:	at the second
	COMMENDED BY DISTRICT OFFICE (If Required)	39. REC	OMMENDED BY REGIONAL OFFIC
Name:	JOSELITOT. ARAO	Name:	KHADAFFYD TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	/

UACS (Unified Account (3002191000410		as defined in GAA)					
Project Id							
P00637011LZ							
	40. DP	WH OFFICE OF T	HE UNDERSECRETARI	ES FOR OPERATIONS US	SE ONLY		
Category of Modification		 Category B Category C Category D Adjustment Modification 	 Category C – Change in Location Category D – Change in Operating Unit (requires DBM approval) Adjustment – Send to PS-PD to amend MYPS Modification does not comply with DBM Categories 				
Primary Reason for R	equest (base	d on Category o	of Modification): (choo	se one)			
Category A	Category I	3	Category C	Category D	Adjustment (Must be no change to target or GAA line item)		
 Typographical error on Project Description Project Description needs items removed due to typo error 	Change in Physical		 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 Change of Itemized Project Component: Various Description Location Amount Target 		
	Re	viewed by Of	fice of the Unders	ecretary for Operat	ions		
Name:	Engr. ANT	ONIO V. SOBI	REVIÑAS, JR.				
Signature	1	10					
Position:	Project Mc	128/17					
Date:	-Britanin (20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	H PLANNING SERVICE				
Category of Modification (choose one) Category of Modification Category of Adjustment		-Typographical Errors - Change in Station Limi - Change in Location - Change in Operating U - Send to PS-PD to ame n does not comply with D	ographical Errors nange in Station Limits, due to increase or decrease in budget				
		Re	viewed by Planni	ng Service			
Name:	ANNA AND	REA M. NOCHE	Name:	PETER PAUL R. CO	ORTEZ		
Signature	July		Signature	" hands	W		
Position:	CAR - Regional Coordinator		or Position:	OIC-Chief of Prog	amming Division		
Date:	12/09/21	ກາ	Date:				

Modification Form Version 01-2019