



Programming Division Evaluation Sheet

Name of Project:

Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra

Project ID: **P00726387LZ**

Implementing Office: **Abra District Engineering Office**

Appropriation: **150,000,000**

Date: **10/09/2023**

A. TYPE OF REQUEST

A.1 ☐ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

A.2 ☒ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations 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

☐ Change in Scope of Work

from _____ to _____

A.2.5.3 ☐ Change in Component Amount

A.2.5.4 ☐ Addition of Component (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components

B. EVALUATION

B.1 ☒ ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

C. FUND SOURCE FY 2023 GAA, R.A. 11936

C.1 ☐ for issuance of SARO (☐ Released ☐ Unreleased)

C.2 ☒ released thru GAAAO

Amount: **150,000,000**

D. IMPACT:

D.1 Condition/s:

_____ % decrease in unit cost

_____ 144.30 % increase in unit cost

_____ 59.86 % decrease in physical target

_____ % Increase in physical target

D.2 ☐ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks: Change in targets with **144.30%** increase in Unit Cost. Reviewed by BOC dated September 22, 2023: reduced amount from Pnp150,000,000.00 to **Pnp147,088,594.17** and an excess amount of **Pnp2,911,405.83**

E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA

E.1 ☐ Undersecretary for Operations

E.2 ☒ Secretary

Evaluated By:

ALEXIA BOTE

Director, Planning Service

Noted By:

CONSTANTEZ L. LANEZ, JR., CESO III

Assistant Secretary, Planning Service

Project ID: **P00726387LZ**

FOR SECRETARY MANUEL M. BONOAN OR _____

ACTION SLIP

Date: _____

REMARKS:

☒ Reviewed by Planning Service
☐ Recommended for Approval
Remarks: _____

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
Bonifacio Drive, Port Area, Manila



October 5, 2023

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 8 September 2023 of **DPWH CAR Regional Director KHADAFY D. TANGGOL**, endorsing the request of District Engineer **JOSELITO T. ARAO** of **Abra District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.:320102105207000 Project ID:P00726387LZ					
OO2: Protect Lives and Properties Against Major Floods, Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal River, Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra			OO2: Protect Lives and Properties Against Major Floods, Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal River, Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 1230.745 l.m.	₱ 117,611.69/ l.m.	₱144,750,000.00	CW1- Construction of Flood Mitigation Structure/ 494.00 l.m.	₱ 287,328.93/ l.m.	₱141,940,493.37
EAO	-	₱5,250,000.00	EAO	-	₱ 5,148,100.80
Total: ₱150,000,000.00			Total: ₱150,000,000.00		
Justification:			Justification:		
<ul style="list-style-type: none">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 of flood mitigation structure with steel sheet piles consisting of 57.24% of the project direct cost. The usage of steel sheet piles is necessary to prevent scouring and possible failure along the foundation of the proposed mitigation and ensure over-all stability of the project area.The huge/massive rock embankment, and concrete pile cap and cut-off wall consisting of 33.42% and 4.72% of the project cost respectively, also contributed to the high unit cost of the project.The derived unit cost is based on the approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW) with reference to the evaluation made by the Bureau of Construction as per memorandum dated September 22, 2023.See attached Cross-Section Drawing of the Project Submitted by the District Engineer, and the Certificate of Reasonableness of Cost Estimates signed by the Regional Director.					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


REY PETER B. GILLE, D.M.

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

RECOMMENDING APPROVAL:

Subject to further evaluation


MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning
and Public-Private Partnership Services


EUGENIO R. PARDO, JR.

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

APPROVED / ~~DISAPPROVED~~:


MANUEL M. BONOAN
Secretary

2.3 mksa/MLS/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



WIN3E03206



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Bonifacio Drive, Port Area, Manila



October 5, 2023

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated 8 September 2023 of **DPWH CAR Regional Director KHADAFY D. TANGGOL**, endorsing the request of District Engineer **JOSELITO T. ARAO** of **Abra District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.:320102105207000 Project ID:P007263871Z					
OO2: Protect Lives and Properties Against Major Floods, Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal River, Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra			OO2: Protect Lives and Properties Against Major Floods, Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal River, Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 1230.745 l.m.	₱ 117,611.69/ l.m.	₱144,750,000.00	CW1- Construction of Flood Mitigation Structure/ 494.00 l.m.	₱ 287,328.93/ l.m.	₱141,940,493.37
EAO	-	₱5,250,000.00	EAO	-	₱ 5,148,100.80
				Excess:	₱2,911,405.83
Total:		₱150,000,000.00	Total:		₱150,000,000.00
Justification:					
<ul style="list-style-type: none">• 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 of flood mitigation structure with steel sheet piles consisting of 57.24% of the project direct cost. The usage of steel sheet piles is necessary to prevent scouring and possible failure along the foundation of the proposed mitigation and ensure over-all stability of the project area.• The huge/massive rock embankment, and concrete pile cap and cut-off wall consisting of 33.42% and 4.72% of the project cost respectively, also contributed to the high unit cost of the project.• The derived unit cost is based on the approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW) with reference to the evaluation made by the Bureau of Construction as per memorandum dated September 22, 2023.• See attached Cross-Section Drawing of the Project Submitted by the District Engineer, and the Certificate of Reasonableness of Cost Estimates signed by the Regional Director.					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.


REY PETER B. GILLE, D.M.

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

RECOMMENDING APPROVAL:


MARIA CATALINA E. CABRAL, Ph.D., CESO I


Undersecretary for Planning
and Public-Private Partnership Services


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 mksa/MLS/AVS/RPBG/ERP

Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)
320102105207000



Project Id
P007263871Z

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations



Name:	Engr. MANUEL L. SINGSON	Name:	Engr. ANTONIO V. SOBREVÍÑAS, JR.
Signature		Signature:	
Position:	Project Manager I	Position:	Project Manager III
Date:	10/5/23	Date:	10/5/23

41. DPWH PLANNING SERVICE





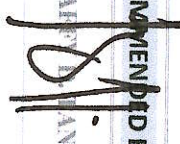
Category of Modification
(please check the appropriate)

- ☐ Category A – Typographical Error
- ☐ Category B – Change in Station Limits
- ☐ Category C – Change in Location, due to non-existing location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Modification does not comply with DBM Categories

Reviewed by Planning Service

Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	CAR-Regional Coordinator	Position:	Chief of Programming Division
Date:	10/9/23	Date:	

Modification Request Form

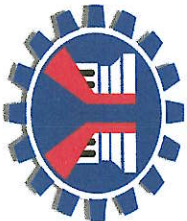
35. PREPARED BY:			
Name:	MELORE JONES D. JAVIER 	Position:	ENGINEER II
Office:	Abra District Engineering Office	Date:	Click here to enter a date.
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	CHONA LIDIANA A. RAMOS 	Name:	ANGELITA D. MABITAZAN 
Position:	Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:	JOSELITO LARAO 	Name:	KHADAPY D. MANCOCOL 
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

FY 2023 ANNUAL INFRASTRUCTURE PROGRAM

Based on General Appropriations Act

23PA0121

UACS / Sub Program Project Component ID	Project Component Description	Type of Work	Target Unit	Physical Target	Amount (PHP)	Operating Unit / Implementing Office
P00726384LZ-EAO					5,250,000	Central Office / Abra District Engineering Office
62. P00726385LZ	320102105205000 Construction of Flood Control Structure along Abra Major River Basin, Barangay Palaquio, Bucay, Abra				<u>150,000,000</u>	
P00726385LZ-CW1	Construction of Flood Mitigation Structure - Construction of Flood Control Structure along Abra Major River Basin, Barangay Palaquio, Bucay, Abra	Construction of Flood Mitigation Structure	Lineal meters	1,230.745	144,750,000	Central Office / Abra District Engineering Office
P00726385LZ-EAO					5,250,000	Central Office / Abra District Engineering Office
63. P00726387LZ	320102105207000 Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra				<u>150,000,000</u>	
P00726387LZ-CW1	Construction of Flood Mitigation Structure - Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra	Construction of Flood Mitigation Structure	Lineal meters	1,230.745	144,750,000	Central Office / Abra District Engineering Office
P00726387LZ-EAO					5,250,000	Central Office / Abra District Engineering Office
64. P00726388LZ	320102105208000 Construction of Flood Control Structure along Abra Major River Basin, Barangay Ampalloc, Luba, Abra				<u>150,000,000</u>	
P00726388LZ-CW1	Construction of Flood Mitigation Structure - Construction of Flood Control Structure along Abra Major River Basin, Barangay Ampalloc, Luba, Abra	Construction of Flood Mitigation Structure	Lineal meters	1,230.745	144,750,000	Central Office / Abra District Engineering Office
P00726388LZ-EAO					5,250,000	Central Office / Abra District Engineering Office
65. P00726389LZ	320102105209000 Construction of Flood Control Structure along Tineg River, Tagaytay, San Juan, Abra				<u>80,000,000</u>	
P00726389LZ-CW1	Construction of Flood Mitigation Structure - Construction of Flood Control Structure along Tineg River, Tagaytay, San Juan, Abra	Construction of Flood Mitigation Structure	Lineal meters	656.398	77,200,000	Central Office / Abra District Engineering Office
P00726389LZ-EAO					2,800,000	Central Office / Abra District Engineering Office



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE DISTRICT ENGINEER
Abra
District Engineering Office
Bangued, Abra


18-Mar-22

CERTIFICATION AS TO AVAILABILITY OF FUNDS

A. CERTIFICATION

Pursuant to the Provision of Section 86 of PD 1445, LOI 968 and Section 46 of PD 1177, I hereby certify that funds have been duly appropriated and allotted under the released SR2023-01-000980 dated January 30, 2023 - Fund 01101101 for the Implementation of Regular Infrastructure Project in the amount of **Php 144,750,000.00** is not yet obligated and still available for obligations.

Certified Correct:


MERIO P. PLURAD
Chief Accountant

1. DETAILS OR APPROPRIATIONS/ALLOTMENT

Part of Amount of Allotment **Php 144,750,000.00** Appropriation Law RA 11936 P.P.A - 320102105207000.PC

P. P. A.	Particulars	Allotment Class	Amount
320102105207000.PC	Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra	5060403002	144,750,000.00
TOTAL			144,750,000.00

Noted:


JOSELITO F. ARAO
District Engineer

Prepared by:


REGINALD REX M. MAILED
Administrative Officer IV

Modification Request Form

A. GENERAL																																		
1. REGION	2. DEO		3. LEGISLATIVE DISTRICT																															
Cordillera Administrative Region	Abra District Engineering Office		Abra Lone District																															
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT																															
4. UACS (Unified Account Code Structure as defined in GAA) 320102105207000																																		
5. Project Id P00726387LZ																																		
6. Project Category 002: Protect Lives and Properties																																		
7. Sub-Program (P/A/P) Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems																																		
8. Operating Unit Central Office			18. Operating Unit (Change subject to DBM approval) Central Office																															
9. Type of Work (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 40%;">Type of Work</th> <th style="width: 30%;">Component ID</th> <th style="width: 40%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>Construction of Flood Mitigation Structure</td> <td>CW1</td> <td>Construction of Flood Mitigation Structure</td> </tr> <tr> <td>EA0</td> <td>Choose an item.</td> <td>EA0</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Choose an item.</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Choose an item.</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> </tbody> </table>			Component ID	Type of Work	Component ID	Type of Work	CW1	Construction of Flood Mitigation Structure	CW1	Construction of Flood Mitigation Structure	EA0	Choose an item.	EA0	Choose an item.	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	19. Type of Work (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 40%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>Construction of Flood Mitigation Structure</td> </tr> <tr> <td>EA0</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> </tbody> </table>		Component ID	Type of Work	CW1	Construction of Flood Mitigation Structure	EA0	Choose an item.	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.
Component ID	Type of Work	Component ID	Type of Work																															
CW1	Construction of Flood Mitigation Structure	CW1	Construction of Flood Mitigation Structure																															
EA0	Choose an item.	EA0	Choose an item.																															
Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.																															
Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.																															
Component ID	Type of Work																																	
CW1	Construction of Flood Mitigation Structure																																	
EA0	Choose an item.																																	
Click here to enter text.	Choose an item.																																	
Click here to enter text.	Choose an item.																																	
10. PROJECT DESCRIPTION (as recorded in GAA) Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra			20. PROJECT DESCRIPTION (of the revised project) Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra																															
11. ALLOTMENT (P'000) (as recorded in GAA) 150000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 150000 <div style="display: inline-block; vertical-align: middle;"> <input type="checkbox"/> YES </div>																															
12. PHYSICAL TARGET (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 20%;">Target</th> <th style="width: 20%;">Target Unit</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>1230,745</td> <td>Lineal Meters (lm)</td> </tr> <tr> <td>EA0</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> </tbody> </table>			Component ID	Target	Target Unit	CW1	1230,745	Lineal Meters (lm)	EA0	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.	23. PHYSICAL TARGET (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 20%;">Target</th> <th style="width: 20%;">Target Unit</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>494.00</td> <td>Lineal Meters (lm)</td> </tr> <tr> <td>EA0</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Click here to enter text.</td> <td>Choose an item.</td> </tr> </tbody> </table>		Component ID	Target	Target Unit	CW1	494.00	Lineal Meters (lm)	EA0	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.
Component ID	Target	Target Unit																																
CW1	1230,745	Lineal Meters (lm)																																
EA0	Click here to enter text.	Choose an item.																																
Click here to enter text.	Click here to enter text.	Choose an item.																																
Click here to enter text.	Click here to enter text.	Choose an item.																																
Component ID	Target	Target Unit																																
CW1	494.00	Lineal Meters (lm)																																
EA0	Click here to enter text.	Choose an item.																																
Click here to enter text.	Click here to enter text.	Choose an item.																																
Click here to enter text.	Click here to enter text.	Choose an item.																																
13. UNIT COST (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 20%;">Component Cost (P'000)</th> <th style="width: 20%;">Target Unit Cost (P'000/Target Unit)</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>144750</td> <td>117.61169</td> </tr> <tr> <td>EA0</td> <td>5250</td> <td>Click here to enter text.</td> </tr> <tr> <td>Click here to enter text.</td> <td>Click here to enter text.</td> <td>Click here to enter text.</td> </tr> </tbody> </table>			Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	CW1	144750	117.61169	EA0	5250	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	24. UNIT COST (Enter Details for all Components below) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Component ID</th> <th style="width: 20%;">Component Cost (P'000)</th> <th style="width: 20%;">Target Unit Cost (P'000/Target Unit)</th> </tr> </thead> <tbody> <tr> <td>CW1</td> <td>141940.49337</td> <td>287.32893</td> </tr> <tr> <td>EA0</td> <td>5148.10080</td> <td>Click here to enter text.</td> </tr> <tr> <td>PHYSICAL RESERVE</td> <td>2911.40583</td> <td>Click here to enter text.</td> </tr> </tbody> </table>		Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	CW1	141940.49337	287.32893	EA0	5148.10080	Click here to enter text.	PHYSICAL RESERVE	2911.40583	Click here to enter text.						
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)																																
CW1	144750	117.61169																																
EA0	5250	Click here to enter text.																																
Click here to enter text.	Click here to enter text.	Click here to enter text.																																
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)																																
CW1	141940.49337	287.32893																																
EA0	5148.10080	Click here to enter text.																																
PHYSICAL RESERVE	2911.40583	Click here to enter text.																																

Modification Request Form

Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)
[Click here to enter text.](#)

Start X	120.701	End X	120.706
Start Y	17.4427	End Y	17.4501

15. ROAD CLASSIFICATION (if applicable)
 Choose an item.

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under 00-1)
[Click here to enter text.](#)

Start X	120.701	End X	120.706
Start Y	17.4427	End Y	17.4501

16. IMPLEMENTING OFFICE (Record the implementing Office of the original project)
 Abra District Engineering Office

26. ROAD CLASSIFICATION (if applicable)
 Choose an item.

27. IMPLEMENTING OFFICE (Record the implementing Office of the proposed revised project)
 Abra District Engineering Office

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date	Planned End Date	Planned Start Date	Planned End Date
October 2, 2023	July 23, 2024	October 2, 2023	July 23, 2024

29. OVERLAP?	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	30. UNDER WARRANTY?	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
---------------------	---	----------------------------	---

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)
☒ NO ☐ YES ☐ N/A

32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

- 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 of flood mitigation structure with steel sheet piles consisting of 57.24% 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 33.42% 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 (DUPA) and Program of Works (POW) with reference to the evaluation made by the Bureau of Construction as per memorandum dated September 22, 2023.
- See attached Cross-Section Drawing of the Project Submitted by the District Engineer, and the Certificate of Reasonableness of Cost Estimates signed by the Regional Director.

33. PHOTOS SUBMITTED
☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED
☐ NO ☒ YES

#63 23PA0121

CHECKLIST

PROJECT MODIFICATION

Implementing Office : **Abra District Engineering Office**
Project Name/Location : **ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers, Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Mainbo, Abra**

Project ID : **P00726387LZ**
Project Allocation : **Php 150,000,000.00** UACS Code : **320102105207000**

☒ **1. Modification Request Form**

☒ **2. AIP**

☒ **3. Certificate of Availability of Funds**

4. Supporting Data & Analysis

☒ a. Road Condition (RBA Latest Official Database)

☒ b. Traffic Volume Capacity Ratio (for Widening Projects)

☒ c. Bridge Condition (BMS Latest Official Database)

☒ d. Hydraulic & Hydrologic Analysis (for New/Replacement Bridges and Flood Control Projects)

☒ e. RSM Forms (for Road Slips)

☒ f. Project Impact Analysis (for Flood Control Projects)

☒ g. Master Plan (for Flood Control Projects)

☒ **5. BP 202**

6. Geotagged Photos

☒ a. Hard Copy

☒ b. Electronic Copy

☒ c. Plotted in the GIS Map

7. Certificate of No Overlapping

☒ a. District Engineer

☒ b. Construction and Maintenance Division Chiefs

8. ROW Clearance

☒ a. District Engineer

☒ b. LGU

9. Environmental Clearances

☒ a. Not Within a "No Build Zone" (MGB)

☒ b. Tree Cutting Permit (if Applicable-EMB)

☒ c. CNC/ECC/EIA (EMB)

☒ **10. Social Clearance (not within a Declared Heritage/Cultural Site-NCCA)**

☒ **11. Certificate of Reasonableness (for Projects with Changes in Unit Cost)**

12. Project Details

☒ a. POW

☒ b. DUPA

c. Plans

☒ 1. Coverage

☒ 2. Summary of Quantities

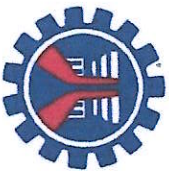
☒ 3. Cross Section Showing Changes (if Applicable)

☒ d. Materials Source Map

☒ **13. Certificate of Local Government Unit**

Checked by:


ENGR. R. F. DOLIENTE
Engineer III
Chief, Planning Section



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ABRA
DISTRICT ENGINEERING OFFICE
CORDILLERA ADMINISTRATIVE REGION
Bangued, Abra



September 7, 2023

MEMORANDUM

FOR : KHADAFY D. TANGGOL
Regional Director

THRU : ANGELITA B. MABITAZAN
Chief, Planning and Design Division

SUBJECT : Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems, Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra

We are respectfully submitting for review and evaluation the above-mentioned subject for Modification, amounting to **One Hundred Fifty Million Pesos (Php 147,088,594.16)**, as indicated below:

FROM

Project Title:
Construction of Flood Control Structure along
Abra Major River Basin, Barangay San Jose Sur,
Manabo, Abra

TO

Project Title:
Construction of Flood Control Structure along
Abra Major River Basin, Barangay San Jose Sur,
Manabo, Abra

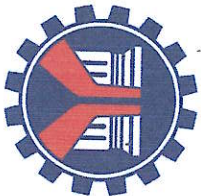
Physical Target:
CW1 – **1230.745** Lineal meters

Physical Target:
CW1 – **494.00** Lineal meters

The supporting documents based on D.O. No. 23, series of 2023 are attached for your ready reference.

JOSELITO T. ARAO
District Engineer

CAR.8.1 MJD/CLAR/JTA



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CORDILLERA ADMINISTRATIVE REGION
Engineer's Hill, Baguio City



September 9, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

THRU : EUGENIO R. PIPO, JR.
Undersecretary for Regional Operations in
CAR, Regions I, II, IX, X, XI, XII and XIII

SUBJECT : Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers - Construction of Flood Control Structure along Abra Major River Basin, Barangay San Jose Sur, Manabo, Abra

We are respectfully forwarding the Memorandum dated September 7, 2023 from District Engineer JOSELITO T. ARAO, Abra District Engineering Office, of the above project in the amount of **One Hundred Fifty Million Pesos (Php 147,088,594.16** as indicated below:

As per GAA/Original		As Modified
Project ID	P00726387LZ	
UACS	320102105207000	
Physical Target	1230.745 Lineal meters	494.000 Lineal meters

The supporting documents based on D.O. No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

KHADAFY D. TANGGOL
Regional Director

CAR.1 TPTL/FFD/JWC/ABM