

Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation:

04/03/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods	UACS:	320101110507000
P/A/P 2 (Program):	Project ID:	P00823325LZ
Flood Management Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Regional Office - CAR
Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems	Appropriation (Php):	100,000,000

Name of Project per GAA:

Construction (Completion) of Tapao Flood Control (Callangan -Ducigan), Sta.166+200 - Sta. 166+870 (R/5) Balbalasang, Balbalan, Kalinga

Implementing Office
A Justification for
Modification:

- The change in station limit reflects the exact stations which needs to be overlayed due to the fair to bad condition ascertained through RoCond and actual field survey.
- The decrease in unit cost for CW1 is due to the material source of aggregates required for the project, based on actual distance of project site from approved source as suggested by the time cycle analysis for the project.
- CW2 - Reconstruction to Concrete Pavement component was needed to account for the intermittent pavement reconstruction

A.1 ☒ Certificate of Reasonableness of Cost Estimate by: RD Khadafy Tanggol dated: March 14, 2024

B. PER PLANNING SERVICE EVALUATION**B.1 ☐ PROJECT MODIFICATION ON PROJECT DESCRIPTION**B.1.1 ☒ Typographical Error/sB.1.3 ☒ Change in Station LimitsB.1.2 ☐ Change in Location (for non-existent locations only)B.1.4 ☐ Addition/ Deletion of Word/s**B.2 ☐ PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**B.2.1 ☒ Change in TargetsB.2.3 ☐ Change in Component AmountB.2.2 ☐ Change in Scope of WorkB.2.3.1 ☐ Addition of Component (including excess amount)B.2.3.2 ☐ Deletion of ComponentB.2.3.3 ☐ Movement of Funds between Components**C. RESULTANT AFTER MODIFICATION**C.1 ☐ Additional Project Component/s

C.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Construction of Flood Mitigation Structure	Construction of Flood Mitigation Structure	820.497 lm	1128 lm	-27.26%	37.48%
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATEDD.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

- Increase in Targets / Decrease in Unit Cost
- New Station Limits are within and immediately succeeding the original limits
- Typographical Error changing "(R/5)" to "(R/S)"

Evaluated By:


ALEX C. BOTE
Director, Planning Service

Noted By:


CONSTANTE A. LLANES JR., CESO III
Assistant Secretary, Planning Service

E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAAE.1 ☐ SecretaryE.2 ☒ Undersecretary for Operations

☒ 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
Manila



March 18, 2024

MEMORANDUM

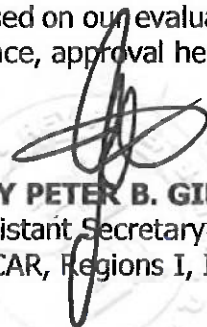
FOR : **EUGENIO R. PIPO, JR.**
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII

This refers to the memorandum dated 15 March 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, requesting for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No.: 320101110507000. Project ID: P00823325LZ. OO2: Protect Lives and Properties Against Major Floods. – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems . Construction (Completion) of Tapao Flood Control (Callangan -Duclogan), Sta.166+200 - Sta. 166+870 . (R/5) Balbalasang, Balbalan, Kalinga			OO2: Protect Lives and Properties Against Major Floods. – Flood Management - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems . Construction (Completion) of Tapao Flood Control (Callangan -Duclogan), Sta.166+200 - Sta. 166+641 . (R/S), Sta. 166+694 - Sta. 166+878.(R/S), Sta. 166+374, - Sta. 166+926.(L/S) , Balbalasang, Balbalan, Kalinga .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Flood Mitigation Structure / 820.497 Lineal Meters	₱ 117,611.64/ Lineal Meters.	₱ 96,500,000.00	CW1- Construction of Flood Mitigation Structure / 1,128 Lineal Meters	₱ 85,549.65 / Lineal Meters.	₱ 96,500,000.00
EAO	–	₱ 3,500,000.00	EAO	–	₱ 3,500,000.00
Total:		₱100,000,000.00	Total:		₱100,000,000.00
Justification: Change in Station Limits in the Project Description and Increase in physical target for CW1 - Construction of Flood Mitigation Structure from 820.497 Lineal meters to 1,128.000 Lineal meters due to the following: <ul style="list-style-type: none">The change in station limits is due to the consideration of the actual gaps along the river alignment requiring flood mitigation structures. The gap between Sta. 166+641 and Sta. 166+694 in the right side is due to the hard rock classification of the section, where the construction of flood mitigation structure is not necessary. Moreover, the additional section in the left side is needed in order to protect the properties and vegetable production areas which will be affected from the diverted flow of water from the construction of flood control structure on the right side.The decrease in unit cost is due to the revised design of the proposed flood control revetment facility. Based on the derived design discharge from the hydraulic analysis, one of the recommended types of flood mitigation structure to be proposed along the project section is the construction of gabion revetment wall. Utilizing such structure type would be more economical compared to that of the original proposal of reinforced concrete revetment wall.The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA)					
Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Hydraulic and Hydrologic Analysis, PIA, Master Plan, Certificate of No Overlapping and GIS Map.					

AL-40-202403-50755


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 PPP Services

APPROVED/DISAPPROVED:



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

2.3 mksa/MLS/AVS/RPBG/ERP



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



March 15, 2024

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

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

SUBJECT : Request for Modification of the Project: 002: Protect Lives and Properties Against Major Floods - Flood Management Program - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems - Construction (Completion) of Tapao Flood Control (Callangan -Duclogan), Sta.166+200 - Sta. 166+870 (R/5) Balbalasang, Balbalan, Kalinga

We are respectfully submitting the modification of the above project in the amount of **One Hundred Million Pesos (Php 100,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00823325LZ	
Project Title	Construction (Completion) of Tapao Flood Control (Callangan -Duclogan), Sta.166+200 - Sta. 166+870 (R/5) Balbalasang, Balbalan, Kalinga	Construction (Completion) of Tapao Flood Control (Callangan -Duclogan), Sta.166+200 - Sta. 166+641 (R/S), Sta.166+694 - Sta. 166+878 (R/S), Sta.166+374 - Sta. 166+926 (L/S), Balbalasang, Balbalan, Kalinga
Physical Target	820.497 Lineal meters	1128 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.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 MGB/EFD/JWC/ABM

Tables for Modification Request Form

A. GENERAL

1. REGION

Cordillera Administrative Region

2. DEO

Upper Kalinga District Engineering Office

3. LEGISLATIVE DISTRICT

KALINGA (LONE DISTRICT)

B. ORIGINAL PROJECT

4. UACS (Unified Account Code Structure as defined in GAA)

320101110507000

5. Project Id

P00823325LZ

6. Project Category

OO2: Protect Lives and Properties Against Major Floods

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)

Component ID
Type of Work

CW1

Construction of Flood Mitigation Structure

19. Type of Work (Enter Details for all Components below)

Component ID
Type of Work

CW1

Construction of Flood Mitigation Structure

10. PROJECT DESCRIPTION (as recorded in GAA)

Construction (Completion) of Tapao Flood Control (Callangan -Ducigan), Sta.166+200 - Sta. **166+870** (R/S) Balbalasang, Balbalan, Kalinga

20. PROJECT DESCRIPTION (of the revised project)

Construction (Completion) of Tapao Flood Control (Callangan - Ducigan), Sta.166+200 - **Sta. 166+641 (R/S), Sta. 166+694 - Sta. 166+878 (R/S), Sta. 166+374 - Sta. 166+926 (L/S)**, Balbalasang, Balbalan, Kalinga

11. ALLOTMENT (P'000) (as recorded in GAA)

100,000

21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)

100,000

22. CAF (To be obtained from Financial Management office)

☒ YES

12. PHYSICAL TARGET (Enter Details for all Components below)

Component ID
Target
Target Unit

CW1

820.497

Lineal Meters (lm)

23. PHYSICAL TARGET (Enter Details for all Components below)

Component ID
Target
Target Unit

CW1

1,128.000

Lineal Meters (lm)

13. UNIT COST (Enter Details for all Components below)

Component ID
Component Cost (P'000)
Target Unit Cost (P'000/Target Unit)

CW1

96,500.000

117.61164

24. UNIT COST (Enter Details for all Components below)

Component ID
Component Cost (P'000)
Target Unit Cost (P'000/Target Unit)

CW1

96,500.000

85.54965

EAO

3,500.000

EAO

3,500.000

Tables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)

[Click here to enter text.](#)

Start X 121.06575 End X 121.06568

Start Y 17.48639 End Y 17.48144

15. ROAD CLASSIFICATION (if applicable)

N/A

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)

Cordillera Administrative Region

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

06/05/2024

Planned End Date

04/30/2025

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1)

[Click here to enter text.](#)

Start X 121.06575 End X 121.06568

Start Y 17.48639 End Y 17.48144

26. ROAD CLASSIFICATION (if applicable)

N/A

27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)

Cordillera Administrative Region

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

06/05/2024

Planned End Date

04/30/2025

29. OVERLAP?

☒ NO

☐ YES

30. UNDER WARRANTY?

☒ NO

☐ 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)

Change in Station Limits in the Project Description and Increase in physical target for CW1 - Construction of Flood Mitigation Structure from 820.497 Lineal meters to 1,128.000 Lineal meters due to the following:

- *The change in station limits is due to the consideration of the actual gaps along the river alignment requiring flood mitigation structures. The gap between Sta. 166+641 and Sta. 166+694 in the right side is due to the hard rock classification of the section, where the construction of flood mitigation structure is not necessary. Moreover, the additional section in the left side is needed in order to protect the properties and vegetable production areas which will be affected from the diverted flow of water from the construction of flood control structure on the right side.*
- *The decrease in unit cost is due to the revised design of the proposed flood control revetment facility. Based on the derived design discharge from the hydraulic analysis, one of the recommended types of flood mitigation structure to be proposed along the project section is the construction of gabion revetment wall. Utilizing such structure type would be more economical compared to that of the original proposal of reinforced concrete revetment wall.*
- *The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA)*

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Hydraulic and Hydrologic Analysis, PIA, Master Plan, Certificate of No Overlapping and GIS Map.

33. PHOTOS SUBMITTED

☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO ☒ YES

Tables for Modification Request Form

35. PREPARED BY:			
Name:	 DEIDRE LYNN B. CACDAC	Position:	Engineer III
Office:	Planning and Design Division	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:		Name:	 ANGELITA B. MABITAZAN
Position:		Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:		Name:	 KHADAFF D. TANGGOL
Position:		Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

320101110507000

Project Id

P00823325LZ

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. MANUELL SINGSON	Engr. ANTONIO V. SOBREVÍÑAS, JR.
Signature		
Position:	Project Manager I	Project Manager III
Date:	3/19/24	3/18/24

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:	Regional Coordinator	Position: OIC - Chief of Programming Division
Date:	3-26-24	Date: