



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE
Manila

Ref No. CAR-033

Programming Division Evaluation Sheet

Name of Project:

Project ID: P00609563LZ

Tawang-Ambiong Rd - K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518,
K0260+918, K0261+042, K0261+409, K0261+958, K0262+710, K0262+900, K0263+090,
K0264+250, K0264+620

Appropriation: 20,000,000

Implementing Office: Benguet 1st DEO

Date: 03/23/2022

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 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 Component)

A.2.5.5 ☐ Deletion of Component ONLY

A.2.5.6 ☐ Movement of Funds bet. Components ONLY

A.2.5.7 ☐ MULTIPLE changes in Component Details

B. EVALUATION

B.1 ☒ MAY BE ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

C. FUND SOURCE FY 2022 GAA, R.A. 11639

C.1 ☒ FLR ([] Released [✓] Unreleased)

C.2 ☐ FCR

Amount: 20,000,000

D. Remarks: Decrease in physical targets by 41.75% and increase in unit cost by 71.67%.

Evaluated By: CHRISTYBEL C. CANUEL
Regional Coordinator

Noted By: FROILAN B. MABINI JR.
OIC-Section Chief

ACTION SLIP

Ref No. CAR-033

Project ID: _____

Date: 03/23/2022

FOR : USEC FOR OPERATIONS

☐ RCY

☐ RRB

☐ ERP, Jr.

☐ EKS

REMARKS:

☐ Reviewed by Planning Service
☒ Recommended for Approval
Remarks: Higher Unit Cost/Decreased Physical Targets

CONSTANTE A. LLANES, JR., CESO III
Acting Undersecretary for Planning Service



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

Reference Number: **CAR-033**
Project ID: **P00609 563LZ**

MAR 23 2022

MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

This refers to the memorandum dated March 15, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request for Project Modification of **OIC-District Engineer Isagani C. Cayme**, Benguet First District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310112100290000 Project ID: P00609563LZ					
Organizational Outcome 1: Ensure Safe and Reliable National Road System			Organizational Outcome 1: Ensure Safe and Reliable National Road System		
Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads			Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads		
Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+710 , K0262+900, K0263+090, K0264+250, K0264+620			Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+900, K0263+090, K0264+170 - K0264+280, K0264+552		
Physical Target	Unit Cost P ('000)	Allocation P ('000)	Physical Target	Unit Cost P ('000)	Estimated Cost P ('000)
CW1 – Rehabilitation / Major Repair of Drainage Structure along Road: 2,800.000 Linear Meters	₱ 7.000 / Linear Meter	₱ 19,600	CW1 – Rehabilitation / Major Repair of Drainage Structure along Road: 1,631.000 Linear Meters	₱ 12.017 / Linear Meter	₱ 19,600
EAO	-	₱ 400	EAO	-	₱ 400
Total:		₱ 20,000	Total:		₱ 20,000
Justification:					
<ul style="list-style-type: none">K0262+710 is deleted due to Road Right-of-Way issues. K0264+250 is revised to accommodate the construction of canal along K0264+170 – K0264+280. K0264+620 is corrected as K0264+552. All revisions are based on actual site validation and measurements reckoned from existing kilometer posts.the revised physical target was ascertained through actual topographic survey and taking into consideration the actual lengths of flumes needed to facilitate drainage from the existing cross drains to the discharge areas. The original unit cost was based on a simple open flume with minimal section/dimension whereas the project sites required larger covered canals.The derived overall unit cost is based on the approved plans, POW, DUPA, and Certificate of Reasonableness of Cost.					

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.


ROBERTO R. BERNARDO

Undersecretary for Regional Operations
In Luzon (except NCR and Region IV-B)


APPROVED/DISAPPROVED:



ROGER G. MERCADO

Acting Secretary

3.4 FDN/JTG/AVM

Department of Public Works and Highways
Office of the Secretary



WIN2F06233



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

MAR 15 2022

MEMORANDUM

FOR : ROGER G. MERCADO
Acting Secretary

THRU : ROBERTO R. BERNARDO
Undersecretary for Regional Operations in Luzon
Except NCR and Region IV-B

SUBJECT : Request for Modification of the Project: Organizational Outcome 1: Ensure Safe and Reliable National Road System: Asset Preservation Program - Construction/Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads - Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+710, K0262+900, K0263+090, K0264+250, K0264+620

We are respectfully forwarding the Memorandum dated March 9, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Twenty Million Pesos (Php 20,000,000.00)** as indicated below:

	FROM	TO
Project Title	Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+710 , K0262+900, K0263+090, K0264+250 , K0264+620	Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+900, K0263+090, K0264+170 , K0264+280 , K0264+552
Physical Target	2,800.000 Lineal Meters	1,631.000 Lineal Meters

The supporting documents based on D.O No. 37, series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

KHADAFFY D. TANGGOL
Regional Director

CAR.1 D/BC/ED/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET FIRST
DISTRICT ENGINEERING OFFICE
CORDILLERA ADMINISTRATIVE REGION
Wangal, La Trinidad, Benguet

DPWH-CAR
Admin.-RMS
RECEIVED

March 9, 2022

MEMORANDUM

Date MAR 11 2022
Ref. No. CAR-G-58-144

FOR : **KHADAFFY D. TANGGOL**
Regional Director

ATTENTION : **ANGELITA B. MABITAZAN**
Chief, Planning and Design Division

SUBJECT : **Request for Modification of the CY 2022 Project:**
Tawang-Ambiong Rd – K0260+(-193), K0260+018,
K0260+250, K0260+497, K0260+518, K0260+918,
K0261+042, K0261+409, K0261+958, K0262+710,
K0262+900, K0263+090, K0264+250, K0264+620

Respectfully submitted is the request for modification of the above project under Organizational Outcome 1 with subprogram: Construction/Upgrading/Rehabilitation of Drainage along National Roads - Tertiary Roads. The proposed changes are presented below.

	FROM	TO
Project Description	Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+710 , K0262+900, K0263+090, K0264+250, K0264+620	Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+900, K0263+090, K0264+170 - K0264+280, K0264+552
Physical Target	2,800.000 Lineal Meters	1,631.000 Lineal Meters
Unit Cost (excluding EAO)	P7,000.000/ Lineal Meter	P12,017.167/ Lineal Meter

Attached are the supporting documents based on D.O. No. 37, Series of 2018, "Guidance on Project Modification and Augmentation Under the General Appropriations Act (GAA)."

For your perusal.


ISAGANI C. CAYME
OIC-District Engineer

CAR.16.1 HGUD/LBP/ICC

Form for Modification Request

A. GENERAL					
1. REGION Cordillera Administrative Region (CAR)		2. DEO Benguet 1st District Engineering Office		3. LEGISLATIVE DISTRICT Benguet Lone District	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 310112100290000 ✓					
5. Project Id P00609563LZ ✓					
6. Project Category OO1: Ensure Safe and Reliable National Road System ✓					
7. Sub-Program (P/A/P) Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Tertiary Roads ✓					
8. Operating Unit Benguet 1st District Engineering Office ✓			18. Operating Unit (Change subject to DBM approval) Benguet 1st District Engineering Office ✓		
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	
P00609563LZ-CW1	Rehabilitation / Major Repair of Drainage Structure along Road		P00609563LZ-CW1	Rehabilitation / Major Repair of Drainage Structure along Road ✓	
P00609563LZ-EAO			P00609563LZ-EAO		
10. PROJECT DESCRIPTION (as recorded in GAA) Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+710 , K0262+900, K0263+090, K0264+250, K0264+620			20. PROJECT DESCRIPTION (of the revised project) Tawang-Ambiong Rd – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+900, K0263+090, K0264+170 - K0264+280, K0264+552 ✓		
11. ALLOTMENT (P'000) (as recorded in GAA) 20,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 20,000 ✓		22. CAF (To be obtained from Financial Management office) <input type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)			23. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit	Component ID	Target	Target Unit
P00609563LZ-CW1	2,800.000 ✓	Lineal Meters	P00609563LZ-CW1	1,631.000 ✓	Lineal Meters
P00609563LZ-EAO			P00609563LZ-EAO		
13. UNIT COST (Enter Details for all Components below)			24. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00609563LZ-CW1	19,600 ✓	7.000 ✓	P00609563LZ-CW1	19,600 ✓	12.017 ✓
P00609563LZ-EAO	400 ✓		P00609563LZ-EAO	400 ✓	

Form for Modification Request

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Rehabilitation / Major Repair of Drainage Structure along Road – Tawang-Ambiong Rd (S00387LZ) – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+710 , K0262+900, K0263+090, K0264+250 , K0264+620		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 and LP) Rehabilitation / Major Repair of Drainage Structure along Road – Tawang-Ambiong Rd (S00387LZ) – K0260+(-193), K0260+018, K0260+250, K0260+497, K0260+518, K0260+918, K0261+042, K0261+409, K0261+958, K0262+900, K0263+090, K0264+170 - K0264+280, K0264+552	
Start X	End X	Start X	End X
Start Y	End Y	Start Y	End Y
15. ROAD CLASSIFICATION (if applicable) Tertiary ✓		26. ROAD CLASSIFICATION (if applicable) Tertiary ✓	
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet 1st District Engineering Office ✓		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet 1st District Engineering Office ✓	
17. PROJECT IMPLEMENTATION PLAN (PIP) Planned Start Date 05/30/2022		28. PROJECT IMPLEMENTATION PLAN (PIP) Planned Start Date 05/30/2022 ✓	
Planned End Date 11/21/2022		Planned End Date 11/21/2022 ✓	
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) <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A				
32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points) Summary of Revisions:				
Particulars	FROM	TO	Variance	
Station Limits	K0262+710 K0264+250 K0264+620	Deleted K0264+170 - K0264+280 K0264+552		
Physical Target	2,800 Lineal Meters	1,631 Lineal Meters	-1,169 Lineal Meters	-41.75%
Unit Cost (P'000)	7.000/ Lineal Meter	12.017/ Lineal Meter	+5.017/ Lineal Meter	+71.67%

- K0262+710 is deleted due to Road Right-of-Way issues. K0264+250 is revised to accommodate the construction of canal along K0264+170 – K0264+280. K0264+620 is corrected as K0264+552. All revisions are based on actual site validation and measurements reckoned from existing kilometer posts.**
- The original physical target of 2,800 lineal meters of reinforced concrete flume was roughly estimated from satellite imagery. On the other hand, the revised physical target was ascertained through actual topographic survey and taking into consideration the actual lengths of flumes needed per existing cross drain.**
- The original unit cost was based on a simple open reinforced concrete flume. From detailed engineering and actual observations of affected residents, there is a need to revise the design into a larger canal with cover, thereby resulting to an increased overall unit cost which is nonetheless reasonable since the individual unit costs of items of work involved are within the prevailing costs of the department.**

33. PHOTOS SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	
34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	

Form for Modification Request

35. PREPARED BY:			
Name:	HARVEY GARENTT U. DELLA	Position:	Engineer II
Office:	Benguet 1st District Engineering Office	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	LOIDA B. PASCUA	Name:	ANGELITA B. 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:	ISAGANI C. CAYME	Name:	KHADAFY D. TANGGOL
Position:	O/C-District Engineer	Position:	Regional Director
Date:		Date:	

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310112100290000

Project Id

P00609563LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification

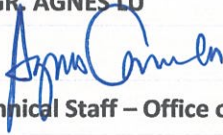

(choose one)

- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ 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
- ☐ Augmentation

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

Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)
<input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error	<input type="checkbox"/> Overlapping Sections of Work <input type="checkbox"/> Change in station limits, due to increase or decrease in budget <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error on other fields not included in, or not consistent with GAA <input type="checkbox"/> Move funds between Project Components <input type="checkbox"/> Add/delete Project Components Change of Itemized Project Component: <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target

Reviewed by Office of the Undersecretary for Operations

Name:	ENGR. AGNES LU	Name:	ENGR. MANNY BULUSAN
Signature		Signature	
Position:	Technical Staff – Office of the Undersecretary	Position:	Technical Staff – Office of the Undersecretary
Date:		Date:	

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification

(choose one)

- ☐ Category A – Typographical Errors
- ☒ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ 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
- ☐ Augmentation

Reviewed by Planning Service

Name:	CHRISTYBEL C. CANUEL	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC-Division Chief, Programming Division
Date:	3/23/2020	Date:	

Annex A to Form for Modification Request

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
POC609563LZ-CW1	S00387LZ	K0260+(-193)		416		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	125.00
POC609563LZ-CW1	S00387LZ	K0260+018		627		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	154.00
POC609563LZ-CW1	S00387LZ	K0260+250		859		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	214.00
POC609563LZ-CW1	S00387LZ	K0260+497		1106		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	140.00
POC609563LZ-CW1	S00387LZ	K0260+518		1127		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	144.00
POC609563LZ-CW1	S00387LZ	K0260+918		1527		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	98.00
POC609563LZ-CW1	S00387LZ	K0261+042		1651		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	142.00
POC609563LZ-CW1	S00387LZ	K0261+409		2018		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	154.00
POC609563LZ-CW1	S00387LZ	K0261+958		2567		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	83.00
POC609563LZ-CW1	S00387LZ	K0262+900		3509		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	100.00
POC609563LZ-CW1	S00387LZ	K0263+090		3699		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (R/S)	Lineal Meter	60.00

Annex A to Form for Modification Request

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
POC609563LZ- CW1	S00387LZ	K0264+170	K0264+280	4779	4889	110	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Canal with Cover (L/S)	Lineal Meter	110.00
POC609563LZ- CW1	S00387LZ	K0264+552		5161		0	Rehabilitation / Major Repair of Drainage Structure along Road	Construction of Reinforced Concrete Flume/Canal for the Existing Cross Drain (L/S)	Lineal Meter	107.00
TOTAL									Lineal Meters	1,631.00