



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

April 19, 2023

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-CAR
Engineer's Hill, Baguio City

ATTENTION : **ALBERTO N. GAHID**
District Engineer
Mountain Province First District Engineering Office
Bontoc, Mountain Province

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province - - - **₱ 5,000,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


REY PETER B. GILLE, D.M.
OIC-Assistant Secretary for Technical Services
and Information Management Service, and
OIC – Office of Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP



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

April 19, 2023

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-CAR
Engineer's Hill, Baguio City

ATTENTION : **ALBERTO N. GAHID**
District Engineer
Mountain Province First District Engineering Office
Bontoc, Mountain Province

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province - - - **₱ 5,000,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services
and Information Management Service, and
OIC – Office of Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, and XIII


2.3 mksa/AVS/AGC/ERP



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

March 31, 2023

MEMORANDUM

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

This refers to the memorandum dated 31 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ALBERTO N. GAHID, Mountain Province First 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. 300221102689000 Project ID: P00744240LZ Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Concrete Road / 0.327 Lane Km.	₱ 15,137,614.68 /lane km	₱ 4,950,000.00	CW1 - Construction of Concrete Road / .212 Lane Km.	₱ 18,037,211.23/ lane km.	₱ 3,823,888.79
			CW2- Construction of Drainage Structure along Road / 58.0 Lineal Meter	₱ 36 m/km ₱ 19,415.71052 /Lineal Meter	₱ 1,126,111.21
EAO	—	₱ 50,000.00	EAO	—	₱ 50,000.00
Total:		₱ 5, 000,000.00	Total:		₱ 5, 000,000.00

Justification:

The project has to be modified in view of the following:

- Change in physical target from 0.327 lane km to 0.212 lane km as a result of inclusion of CW2 - Construction of Drainage Structure along Road. The location of the project is under the residential area which needs removal of existing structures to widen the road width, thus, construction of grouted riprap to protect the private lots from road slope erosion after the road widening is necessary. Concrete parapet is also needed to protect the existing residential structures. The construction of curb and gutter is needed to address the water run-off from the pavement.
- In addition, construction reinforced concrete drainage interceptor with a length of 41.0 meters within the two station (21 meters each), and the rehabilitation/construction of existing reinforced concrete drainage with a length of 37 meters is given priority to preserve the life of the pavement, and to address the volume of water from existing creek and households waste water
- The derived unit costs are based on validated/approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW).

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, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

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



ADOR G. CANLAS

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

APPROVED/~~DISAPPROVED~~:



EUGENIO R. PIPO, JR.

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

2.3 mksa/MLS/AVS/AGC/ERP



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

March 31, 2023

MEMORANDUM

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

This refers to the memorandum dated 31 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ALBERTO N. GAHID, Mountain Province First 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. 300221102689000 Project ID: P00744240LZ Basic Infrastructure Program (BIP) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Concrete Road / 0.327 Lane Km.	₱ 15,137,614.68 /lane km	₱ 4,950,000.00	CW1 - Construction of Concrete Road / .212 Lane Km.	₱ 18,037,211.23/ lane km.	₱ 3,823,888.79
			CW2- Construction of Drainage Structure along Road / 58.0 Lineal Meter	₱ 19,415.71052 /Lineal Meter	₱ 1,126,111.21
EAO	–	₱ 50,000.00	EAO	–	₱ 50,000.00
Total:		₱ 5, 000,000.00	Total:		₱ 5, 000,000.00

Justification:

The project has to be modified in view of the following:

- Change in physical target from 0.327 lane km to 0.212 lane km as a result of inclusion of CW2 - Construction of Drainage Structure along Road. The location of the project is under the residential area which needs removal of existing structures to widen the road width, thus, construction of grouted riprap to protect the private lots from road slope erosion after the road widening is necessary. Concrete parapet is also needed to protect the existing residential structures. The construction of curb and gutter is needed to address the water run-off from the pavement.
- In addition, construction reinforced concrete drainage interceptor with a length of 41.0 meters within the two station (21 meters each), and the rehabilitation/construction of existing reinforced concrete drainage with a length of 37 meters is given priority to preserve the life of the pavement, and to address the volume of water from existing creek and households waste water
- The derived unit costs are based on validated/approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW).

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, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

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


ADOR G. CANLAS

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


APPROVED/~~DISAPPROVED~~:


EUGENIO R. PIPO, JR.

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

2.3 mksa/MLS/AVS/AGC/ERP



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

March 31, 2023

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: Convergence and Special Support Program - Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities - Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province

We are respectfully forwarding the Memorandum dated March 30, 2023 from District Engineer Alberto N. Gahid, Mountain Province First District Engineering Office, regarding the modification of the above project in the amount of **Five Million Pesos (Php 5,000,000.00)**, as indicated below:

	FROM	TO
Project ID	P00744240LZ	
Project Title	Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province	Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province
Type of Work	CW1 - Construction of Concrete Road	CW1 - Construction of Concrete Road
		CW2 - Construction of Drainage Structure along Road
Physical Target	CW1: 0.327 Lane Km	CW1: 0.212 Lane Km
		CW2: 58 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

Telefax : (074)444-6460, (074)444-8838

* Email address: dpwh_car@dpwh.gov.ph



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
**MOUNTAIN PROVINCE FIRST
DISTRICT ENGINEERING OFFICE**
CORDILLERA ADMINISTRATIVE REGION
Bontoc, Mountain Province

March 30, 2023

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director
DPWH-CAR

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

SUBJECT : Submission of Requirements for FY 2023 Modification of the project under Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities: Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province

We are submitting the requirements for the modification of the FY 2023 project “**Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities: Construction (Improvement) of Kin iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province**” for your endorsement.

As per GAA/Original			As Modified		
Project Description					
UACS No. 300221102689000 Project ID: P00744240LZ Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities: Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province			Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities: Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Concrete Road / 0.327 Lane Km.	₱ 15,137,614.68 /lane km	₱ 4,950,000.00	CW1 - Construction of Concrete Road / .212 Lane Km.	₱ 18,037,211.27/ lane km.	₱ 3,823,888.79
			CW2- Construction of Drainage Structure along Road / 58.0 Lineal Meter	₱ 19,415.71052 /Lineal Meter	₱ 1,126,111.21
EAO	–	₱ 50,000.00	EAO	–	₱ 50,000.00
Total:		₱ 5, 000,000.00	Total:		₱ 5, 000,000.00

ALBERTO N. AGAHID
District Engineer

CAR 18.1 jdm/ACG/ECT/ANG

Tables for Modification Request Form

A. GENERAL					
1. REGION Cordillera Administrative Region		2. DEO Mountain Province First District Engineering Office		3. LEGISLATIVE DISTRICT MOUNTAIN PROVINCE (LONE DISTRICT)	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 300221102689000					
5. Project Id P00744240LZ					
6. Project Category Convergence and Special Support Program					
7. Sub-Program (P/A/P) Basic Infrastructure (BIP) – Access Roads and/or Bridges from the National Road/s leading to Major / Strategic Public Buildings / Facilities					
8. Operating Unit Mountain Province First District Engineering Office			18. Operating Unit (Change subject to DBM approval) Mountain Province First 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	
CW1	Construction of Concrete Road		CW1	Construction of Concrete Road	
			CW2	Construction of Drainage Structure along Road	
10. PROJECT DESCRIPTION (as recorded in GAA) Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province			20. PROJECT DESCRIPTION (of the revised project) Construction (Improvement) of Kin-iway-Besao West Road (Lamegsan Road Section), Besao, Mountain Province		
11. ALLOTMENT (P'000) (as recorded in GAA) 5,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 5,000 ✓		22. CAF (To be obtained from Financial Management office) <input checked="" 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
CW1	0.327 ✓	Lane Km	CW1	0.212 ✓	Lane Km
			CW2	58.00 ✓	Lineal Meter
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)
CW1	4,950.000 ✓	15,137.61468 ✓	CW1	3,823.88879 ✓	18,037.21127 ✓
			CW2	1,126.11121 ✓	19.41571 ✓
EAO	50.000		EAO	50.000	

Tables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)				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)			
Start X	120.5128	End X	17.542	Start X	120.5128	End X	17.542
Start Y	120.5130	End Y	17.540	Start Y	120.5130	End Y	17.540
15. ROAD CLASSIFICATION (if applicable) N/A				26. ROAD CLASSIFICATION (if applicable) N/A			
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Mountain Province First District Engineering Office				27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Mountain Province First District Engineering Office			
17. PROJECT IMPLEMENTATION PLAN (PIP)				28. PROJECT IMPLEMENTATION PLAN (PIP)			
Planned Start Date		Planned End Date		Planned Start Date		Planned End Date	
01/25/2023		02/15/2023		04/24/2023		06/08/2023	
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)

Change in physical target for CW1 - Construction of Road from 0.327 Lane Km to 0.212 Lane Km due to the following:


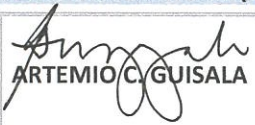
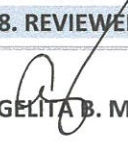
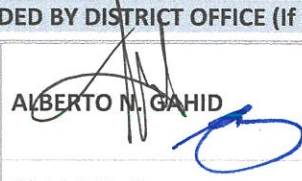

- Decrease in physical target is due to the introduction and prioritization of items of works under CW2 - Construction of Drainage Structure along Road. The location of the project is under the residential area which needs removal of existing structures to widen the road width thus, construction of grouted riprap to protect the private lots from road slope erosion after the road widening, concrete parapet is also needed to protect the existing residential structures and construction of curb and gutter is to cater the water run-off from the pavement.*
- In addition, construction reinforced concrete drainage interceptor with a length of 41.0 meters within the two station (21 meters each) and the rehabilitation/construction of existing reinforced concrete drainage with a length of 37 meters is given priority to preserve the life of the pavement and to cater the volume of water from existing creek and households waste water.*

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, Certificate of Reasonableness of Cost Estimates 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:	 JOLIVETTE D. MUHA	Position:	Engineer II
Office:	Planning and Design Section	Date:	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	 ARTEMIO C. GUISALA	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:	 ALBERTO N. GAHID	Name:	 KHADAFFY D. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

300221102689000

Project Id

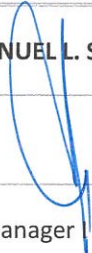
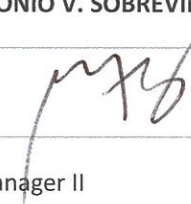
P00744240LZ

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 checked="" 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	Engr. ANTONIO V. SOBREVINAS, JR.
Signature		
Position:	Project Manager I	Project Manager II
Date:	3/31/23	3/31/23

41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input checked="" type="checkbox"/> Category B – Change in Physical Target <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> 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:	04.12.23	Date:	