



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

Ref No. CAR-108

Programming Division Evaluation Sheet

Name of Project:

Construction of Poblacion Flood Control, Bokod, Benguet

Project ID: P00639449LZ

Implementing Office: Benguet First DEO

Appropriation: 10,000,000

Date: 03/24/2022

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: 10,000,000

D. Remarks: Increase in physical targets by 91.04% and decrease in unit cost by 47.65%.

Evaluated By: CHRISTYBEL C. CANUEL
Regional Coordinator

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

ACTION SLIP

Project ID: P00639449LZ

Ref No. CAR-108

Date: 03/24/2022

FOR : USEC FOR OPERATIONS

☐ RCY

☐ RRB

☐ ERP, Jr.

☐ EKS

REMARKS:

☒ Reviewed by Planning Service
☐ Recommended for Approval
Remarks:

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



Pls return to the Office of A/S
Molano once signed/initialed.
Thank you!

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

Reference Number: **CAR-108**
Project ID: **P00639449LZ**

MAY 19 2022

MEMORANDUM

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

This refers to the memorandum dated March 21, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request for Project Modification of **OIC-District Engineer Isagani C. Cayme**, Benguet 1st 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. 300219100562000 Project ID: P00639449LZ					
Convergence and Special Support Program			Convergence and Special Support Program		
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures Protecting Public Infrastructures/Facilities			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures Protecting Public Infrastructures/Facilities		
Construction of Poblacion Flood Control, Bokod, Benguet			Construction of Poblacion Flood Control, Bokod, Benguet		
Physical Target	Unit Cost ('000)	Allocation ('000)	Physical Target	Unit Cost ('000)	Estimated Cost ('000)
CW1 – Construction of Flood Mitigation Structure 88.464 Lm	P 110.780 / Lm	P 9,800.000	CW1 – Construction of Flood Mitigation Structure 169.000 Lm	P 57.988 / Lm	P 9,800.000
EAO	-	200.000	EAO	-	200.000
ROW	-	-	ROW	-	-
Total:		P 10,000.000	Total:		P 10,000.000
Justification:					
<ul style="list-style-type: none">The project involves the construction of a flood mitigation structures at two sections: (1) stone masonry revetment walls and rubble concrete flooring as scour protection for existing revetment walls and (2) system of revetment walls using reinforced concrete columns and rubble concrete walls and floors, and reinforced concrete beams and slab to serve as cover. The original unit cost is therefore significantly high for such structure types.The lower revised unit cost yielded a corresponding increase in physical target which reflect the actual length of the section needing protection which was ascertained through actual					

topographic survey. The revisions represent the optimization of the allocation in order to expand the benefits derived from the project without compromising structural integrity of proposed structures.

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 Operations
in CAR, Regions I, II, III, IV-A and V

APPROVED/DISAPPROVED:



ROGER G. MERCADO
Acting Secretary

3.4 SCA/FDN/JTG/AVM

Department of Public Works and Highways
Office of the Secretary





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

MEMORANDUM

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

This refers to the memorandum dated March 21, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request for Project Modification of **OIC-District Engineer Isagani C. Cayme**, Benguet 1st 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. 300215100047000 Project ID: P00642501LZ					
Convergence and Special Support Program			Convergence and Special Support Program		
Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities			Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Access Roads and/or Bridges from the National Road/s leading to Major/Strategic Public Buildings/Facilities		
Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet			Construction of Road, Bua-Gumatdang-Pacalso Road, Itogon, Benguet		
Physical Target	Unit Cost ('000)	Allocation ('000)	Physical Target	Unit Cost ('000)	Estimated Cost ('000)
CW1 – Construction of Concrete Road 8.056 Lane Km	P 9,582.920 / Lane Km	P 77,200.000	CW1 – Construction of Gravel Road 3.577 Lane Km	P 21,582.332 / Lane Km	P 77,200.000
EAO	-	2,800.000	EAO	-	2,800.000
ROW	-	-	ROW	-	-
Total:		P 80,000.000	Total:		P 80,000.000
Justification:					
<ul style="list-style-type: none">The revised physical target reflects the actual total length of the proposed new road that will link two existing local roads, both of which connect to the Baguio-Itogon Road, a tertiary national road.The road is to be aligned along a steep mountainous terrain, following an existing footpath. This will require massive earthworks, especially for excavations, in order to produce as 8 meter-width carriageways with an acceptable longitudinal grade. The earthworks account for 86.28% of the total civil works component cost, while the slope protection works it entailed amounted to 8.06%. The seemingly high revised unit cost for road opening is due					

topographic survey. The revisions represent the optimization of the allocation in order to expand the benefits derived from the project without compromising structural integrity of proposed structures.

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 Operations
in CAR, Regions I, II, III, IV-A and V

APPROVED/DISAPPROVED:

ROGER G. MERCADO
Acting Secretary

3.4 SCA/FDN/JTG/AVM

DPWH - OSEC
RECEIVED
APR 22 2022
By: _____ Time: 1:43
Control No.: 22-9034
IDTS No.: 9045



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

March 21, 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: Convergence and Special Support Program (CSSP) - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures Protecting Public Infrastructures/Facilities - Construction of Poblacion Flood Control, Bokod, Benguet

We are respectfully forwarding the Memorandum dated March 18, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Ten Million Pesos (Php 10,000,000.00)** as indicated below:

	FROM	TO
Project Title	Construction of Poblacion Flood Control, Bokod, Benguet	Construction of Poblacion Flood Control, Bokod, Benguet
Physical Target	88.464 Lineal Meter	169.000 Lineal Meter

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 DLBC/EPD/JWC/ABM

CHECKLIST
PROJECT MODIFICATION

Implementing Office : **Benguet First District Engineering Office**

Project Name/Location : **CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP) - Sustainable Infrastructure**
Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public
Infrastructures/ Facilities
Construction of Poblacion Flood Control, Bokod, Benguet

Project ID : **P00639449LZ** UACS Code : **300219100562000**

Project Allocation : **Php 10,000,000.00**

- ☒ **1. Modification Request Form**
- ☐ **2. Certificate of Availability of Funds**
- 3. Supporting Data & Analysis**
- ☐ a. Road Condition (*RBIA 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 Bridge, Flood Control Projects*)
- ☐ e. RSM Forms (*for Road Slips*)
- ☒ f. Project Impact Analysis (*for Flood Control Projects*)
- ☒ g. Master Plan (*for Flood Control Projects*)

- ☒ **4. BP 202**
- 5. Geotagged Photos**
- ☒ a. Hard Copy
- ☒ b. Electronic Copy
- ☒ c. Plotted in the GIS Map
- 6. Certificate of No Overlapping**
- ☒ a. District Engineer
- ☒ b. Construction and Maintenance Division Chiefs

- 7. ROW Clearance**
- ☒ a. District Engineer
- ☐ b. LGU

- 8. Environmental Clearances**
- ☒ a. Not Within a "No Build Zone" (MGB)
- ☐ b. Tree Cutting Permit (*If Applicable-EMB*)
- ☒ c. CNC/ECC/EIA (EMB)

- ☐ **9. Social Clearance (*not within a Declared Heritage/Cultural Site-NCCA*)**
- ☒ **10. Certificate of Reasonableness (*for Projects with Changes in Unit Cost*)**

- 11. Project Details**
- ☒ a. POW
- ☒ b. DUPA
- c. Plans
- ☒ 1. Coverpage
- ☒ 2. Summary of Quantities
- ☐ 3. Cross Section Showing Changes (*if Applicable*)
- ☒ d. Materials Source Map

- ☐ **12. Certification of Local Government Unit**

Checked by:


ERLINDA F. DOLIENTE
Engineer III
Chief, Planning Section



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

March 18, 2022

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

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

SUBJECT : Request for Modification of the CY 2022 Project:
Construction of Poblacion Flood Control, Bokod, Benguet

Respectfully submitted is the request for modification of the above project under Convergence and Special Support Program (CSSP) - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Flood Mitigation Structures protecting Public Infrastructures/ Facilities. The proposed changes are presented below.

	FROM	TO
Physical Target	88.464 Lineal Meters	169.000 Lineal Meters
Unit Cost (excluding EAO)	P110,779.526/ Lineal Meter	P57,988.166/ 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
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B. ORIGINAL PROJECT

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

300219100562000

5. Project Id

P00639449LZ

6. Project Category

Convergence and Special Support Program

7. Sub-Program (P/A/P)

Convergence and Special Support Program – Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) – Flood Mitigation Structures Protecting Public Infrastructures/Facilities

8. Operating Unit

Benguet 1st District Engineering Office

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

Component ID	Type of Work
P00639449LZ-CW1	Construction of Flood Mitigation Structure
P00639449LZ-EAO	

10. PROJECT DESCRIPTION (as recorded in GAA)

Construction of Poblacion Flood Control, Bokod, Benguet

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

10,000

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

Component ID	Target	Target Unit
P00639449LZ-CW1	88.464	Lineal Meters
P00639449LZ-EAO		

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00639449LZ-CW1	9,800.000	110.780
P00639449LZ-EAO	200.000	

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

Construction of Poblacion Flood Control, Bokod, Benguet

Start X	120.830624	End X	120.829945
Start Y	16.489499	End Y	16.490757

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DBM approval)

Benguet 1st District Engineering Office

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

Component ID	Type of Work
P00639449LZ-CW1	Construction of Flood Mitigation Structure
P00639449LZ-EAO	

20. PROJECT DESCRIPTION (of the revised project)

Construction of Poblacion Flood Control, Bokod, Benguet

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

10,000

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

☐ YES

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

Component ID	Target	Target Unit
P00639449LZ-CW1	169.000	Lineal Meters
P00639449LZ-EAO		

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
P00639449LZ-CW1	9,800.000	57.988
P00639449LZ-EAO	200.000	

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)

Construction of Poblacion Flood Control, Bokod, Benguet

Start X	120.829936	End X	120.829945
Start Y	16.489635	End Y	16.490757

Form for Modification Request

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) 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)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 06/2/2022	Planned End Date 8/21/2022	Planned Start Date ✓ 06/2/2022	Planned End Date ✓ 10/02/2022
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)

☐ NO
 ☒ YES
 ☐ N/A

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

Summary of Revisions:

Particulars	FROM	TO	Variance	
Physical Target	88.464 Lineal Meters	169.000 Lineal Meters	+80.536 Lineal Meters	+91.04% ✓
Unit Cost (P'000)	110.780/ Lineal Meters	57.988/ Lineal Meters	-52.792/ Lineal Meter	-47.65% ✓

- The project involves the construction of a flood mitigation structures at two sections: (1) stone masonry revetment walls and rubble concrete flooring as scour protection for existing revetment walls and (2) system of revetment walls using reinforced concrete columns and rubble concrete walls and floors, and reinforced concrete beams and slab to serve as cover. The original unit cost is therefore significantly high for such structure types.
- The lower revised unit cost yielded a corresponding increase in physical target which reflects the actual length of the section needing protection which was ascertained through actual topographic survey. The revisions represent the optimization of the allocation in order to expand the benefits derived from the project without compromising structural integrity of proposed structures.

33. PHOTOS SUBMITTED

☐ NO
 ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO
 ☒ 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:	KHADAFFY D. TANGGOL
Position:	OIC-District Engineer	Position:	Regional Director
Date:		Date:	

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

300219100562000

Project Id

P00639449LZ

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

✓ CHANGE IN PHYSICAL TARGETS

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:	3/24/2022	Date:	