	Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND H CENTRAL OFFICE Manila	Ref No. <u>CAR-127</u>	,
ame of Project:	Programming Division Evaluation Sheet	Project ID: P00639082L	Z
1022	Road, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet		
		Appropriation: 50,000,00	
mplementing Office:	Benguet First DEO	Date:03/24/20)22
A. TYPE OF RE	DUEST		
A.1	Change in Implementing Office/Operating Unit due t Geographical Jurisdiction	U .	
A.1.1 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 <u>non-existent locations</u> 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 <u>Component Amount ONLY</u>		
	A.2.5.4 Addition of Component ONLY (incl. EXC Con	nponent)	
	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. EVALUATIO	N MAY BE ALLOWED as per the GAA Provisions		
B.1 ✓ B.2	NOT ALLOWED as per the GAA Provisions		
and the second se	CE FY 2022 GAA, R.A. 11639		
C.1 🗸	FLR ([] Released [✓] Unreleased)	Amount: 50,000,0	000
C.2	FCR		
D. Remarks:	Change of type of work from Construction of Concrete Road TO	Construction of Gravel Road	<u>I.</u>
	Increase in physical targets by 63-26% and decrease in unit cos Reasonableness of Cost is attached in #10	t by 38.75%. Gertificate of	
	Keasonableness of Cost of attached in mito		
Evaluated By:	CHRISTYBEL C. CANUEL Noted By:		<u>R.</u>
-	Regional Coordinator	OIC-Section Chief	
	ACTION SLIP		
		Ref No. CAR-12	100000
Project ID: P00639	082LZ	Date: 03/24/2	2022
OR : USEC FOR OP	RCY RRB	ERP, Jr. EKS	5
REMARKS:	Reviewed by Planning Service		
		C A. D.	1 tr
	Remarks: Koge m Targed from	Cerevebe Road	10
	Growel Read .	\wedge	
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	Call .		
	CONSTANTE A. LLANE		
	Acting Undersecretary for	Flaming Service	
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	Reference Number:	CAR-127
Republic of the Philipp DEPARTMENT OF PUBLIC WORKS	Project ID:	P00639082LZ
CENTRAL OFFIC	NOT THE REAL PROPERTY AND ADDRESS OF THE PARTY OF THE PAR	

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 First District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

AS pc	r GAA/Origin	al	As	Modified	
		Project De	escription		
	21510106500 639082LZ	0			
Convergence and S (CSSP)	Special Support	Program	Convergence and Sp (CSSP)	ecial 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, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet		Construction of Road Apanberang, Pacso,			
Physical Target	Unit Cost (`000)	Allocation (`000)	Physical Target	Unit Cost (`000)	Estimated Cost (`000)
Physical Target CW1 – Construction of Concrete Road 5.035 Lane Km			Physical Target CW1 – Construction of Gravel Road 8.220 Lane Km		
CW1 – Construction of Concrete Road	(`000) P 9,731.877 /	(`000`)	CW1 – Construction of Gravel Road	(`000) P 5,961.071 /	Cost (`000)
CW1 – Construction of Concrete Road 5.035 Lane Km	(`000) P 9,731.877 /	(`000) P 49,000.000	CW1 – Construction of Gravel Road 8.220 Lane Km	(`000) P 5,961.071 /	Cost ('000) P 49,000.000

Justification:

The revised physical target represents the equivalent lane kilometer-length that will link two
existing local roads, each directly connecting to a secondary national road: Cong. Andres
Acop Cosalan Road (S00379LZ) and Baguio-Bontoc Road (S00373LZ – Benguet 2nd DEO
side).

- The mountainous terrain on which the proposed 4.11-Km road is to be aligned necessitates massive earthworks in order to produce a 7-meter width carriageway (3.50 m per lane) with an acceptable longitudinal grade. The earthworks account for 86.23% of the total civil works component cost, while 10.53% was allocated for slope and embankment protection structures and structure for dumping sites which are crucial for road opening projects. The reduction in unit cost corresponds to the revision in type of work.
- Pursuing the original type of work, i.e., road concreting, in combination with the required
 opening would result to a significantly shorter road, the impact of which would not be felt
 as the road influence area would be limited. With no assurance of future funding for the
 completion of the road, the type of work was converted to road opening that would
 accommodate future 2-lane concreting in order to produce a usable access road with
 substantial length. This would therefore optimize the allocation and the benefits derived
 therefrom.

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

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 First District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

	r GAA/Origina	a/	As	Modified	
		Project De	scription		
	1510106500 539082LZ	0/			
Convergence and S (CSSP)	pecial Support	Program	Convergence and Sp (CSSP)	ecial 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, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet		Construction of Road, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet			
			Apanberang, Pacso, Physical Target		
Apanberang, Pacso Physical Target CW1 – Construction of Concrete Road	, Kabayan, Ben Unit Cost	guet Allocation	Apanberang, Pacso,	Kabayan, Ben Unit Cost	guet Estimated Cost
Apanberang, Pacso Physical Target CW1 – Construction of Concrete Road 5.035 Lane Km	, Kabayan, Ben Unit Cost (`000) P 9,731.877 /	guet Allocation (`000)	Apanberang, Pacso, Physical Target CW1 – Construction of Gravel Road	Kabayan, Ben Unit Cost (`000) P 5,961.071	guet Estimated Cost (`000)
Apanberang, Pacso Physical Target CW1 – Construction of	, Kabayan, Ben Unit Cost (`000) P 9,731.877 /	guet Allocation (`000) P 49,000.000	Apanberang, Pacso, Physical Target CW1 – Construction of Gravel Road 8.220 Lane Km	Kabayan, Ben Unit Cost ('000) P 5,961.071 / Lane Km	guet Estimated Cost (`000) P 49,000.000

side).

- The mountainous terrain on which the proposed 4.11-Km road is to be aligned necessitates massive earthworks in order to produce a 7-meter width carriageway (3.50 m per lane) with an acceptable longitudinal grade. The earthworks account for 86.23% of the total civil works component cost, while 10.53% was allocated for slope and embankment protection structures and structure for dumping sites which are crucial for road opening projects. The reduction in unit cost corresponds to the revision in type of work.
- Pursuing the original type of work, i.e., road concreting, in combination with the required opening would result to a significantly shorter road, the impact of which would not be felt as the road influence area would be limited. With no assurance of future funding for the completion of the road, the type of work was converted to road opening that would accommodate future 2-lane concreting in order to produce a usable access road with substantial length. This would therefore optimize the allocation and the benefits derived therefrom.

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 tt 3.4 SCA/FDN/JTG/AVM





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) - Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities - Construction of Road, Baay to Crossing Apanberang, Pacso, Kabayan, 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 **Fifty Million Pesos (Php 50,000,000.00)** as indicated below:

	FROM	ТО	
Project Title	Construction of Road, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet	Construction of Road, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet	
Type of Work	Construction of Concrete Road	Construction of Gravel Road	Ŧ
Physical Target	5.035 Lane Km	8.220 Lane Km	

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

For the consideration of the Secretary.

KHADAFRYD. TANGGOL Regional Director

CAR.1 DLBC/EFD/JWC/ABM

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



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 Road, Baay to Crossing Apanberang, Pacso, Kabayan, 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) - Access Roads and/or Bridges from the National Road/s leading to Major Strategic Public Buildings/ Facilities. The proposed changes are presented below.

	FROM	ТО
Type of Work	Construction of Concrete Road	Construction of Gravel Road
Physical Target	5.035 Lane Km	8.220 Lane Km
Unit Cost (excluding EAO)	P9,731,876.862 / Lane Km	P5,961,070.560 / Lane Km

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

CHECKLIST PROJECT MODIFICATION

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Imple	ementing Office	: Benguet First District Engineering Office				
- C.	ct Name/Location	: CONVERGENCE AND SPECIAL SUPPORT PROGRAM (CSSP) - Sustainable Infrastructure				
i ioje	er Hame, Location	Projects Alleviating Gaps (SIPAG) - Access Roads and/or Bridges from the National				
		Road/s leading to Major Strategic Public Buildings/ Facilities				
		Construction of Road, Baay to Crossing Apanberang, Pacso, Kabayan, Benguet				
Proje	ct ID	: P00639082LZ UACS Code : 300215101065000				
Proje	ct Allocation	: Php 50,000,000.00				
	1 44 1171 11 D					
	 Modification Requ Certificate of Ava 					
n/a						
	3. Supporting Data 8					
		ndition (RBIA Latest Official Database)				
	n/a b. Traffic Vo	lume Capacity Ratio (for Widening Projects)				
	n/a c. Bridge Co	ondition (BMS Latest Official Database)				
	n/a d. Hydraulic	& Hydrologic Analysis (for New/Replacement Bridge, Flood Control Projects)				
	n/a e. RSM Form	ns (for Road Slips)				
	n/a f. Project In	npact Analysis (for Flood Control Projects)				
	n/a g. Master Pl	an (for Flood Control Projects)				
\checkmark	4. BP 202					
	5. Geotagged Photo	20				
	✓ a. Hard Cop					
	b. Electronic					
	✓ c. Plotted in	the GIS Map				
	6. Certificate of No (Dverlapping				
	✓ a. District Er	ngineer				
	✓ b. Construc	tion and Maintenance Division Chiefs				
	7. ROW Clearance					
	✓ a. District Er	ngineer				
	b. LGU					
	8. Environmental Cle	egrances				
		n a "No Build Zone" (MGB)				
		ing Permit (If Applicable-EMB)				
n/a		(not within a Declared Heritage/Cultural Site-NCCA)				
\checkmark	10. Certificate of Rea	sonableness (for Projects with Changes in Unit Cost)				
	11. Project Details					
	🗸 a. POW					
	✓ b. DUPA					
	c. Plans					
	\checkmark	1. Coverpage				
		2. Summary of Quantities				
		3. Cross Section Showing Changes (if Applicable)				
		Source Map				
n/a	12. Certification of Lo					
n/a	12. Certification of Lo					
		Checked by:				

ERLINDA F. DOLIENTE Chief, Planning Section

Form for Modification Request

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	and the life	A. (GENERAL		A CARLON AND A STATE
1. REGION Cordillera Administi (CAR)	rative Region	2. DEO Benguet 1st Distric	ct Engineering Office	3. LEGISLATIV Benguet Lone	
В.	ORIGINAL PROJEC	T	C. PRC	DPOSED REVISED PR	OJECT
4. UACS (Unified Accou 300215101065000	unt Code Structure as de	fined in GAA)			
5. Project Id P00639082LZ					
6. Project Category Convergence and Sp	pecial Support Progra	am /			
7. Sub-Program (P/	A/P)				
			frastructure Projects A Strategic Public Buildir) – Access Roads
8. Operating Unit			18. Operating Unit (C	hange subject to DBM app	roval)
Benguet 1st District	Engineering Office		Benguet 1st District E	ingineering Office	
9. Type of Work (Ent	er Details for all Compo	nents below)	19. Type of Work (Ent	ter Details for all Compone	nts below)
Component ID	Type of Work		Component ID	Type of Work	
P00639082LZ-CW1	Construction of	Concrete Road	P00639082LZ-CW1 Construction of Gravel Road		
P00639082LZ-EAO			P00639082LZ-EAO		
10. PROJECT DESCR	IPTION (as recorded in	GAA)	20. PROJECT DESCRIPTION (of the revised project)		
Construction of Roa Pacso, Kabayan, Ber	6500 RTEN	Apanberang,	Construction of Road Kabayan, Benguet 🗸	, Baay to Crossing Apa	nberang, Pacso,
11. ALLOTMENT (P'000) (as recorded in GAA) 50,000			21. REVISED ESTIMATED COST 22. CAF (To be obtained from Financial Management office) allotment) S0,000		
12. PHYSICAL TARG	ET (Enter Details for all	Components below)	23. PHYSICAL TARGE	T (Enter Details for all Com	ponents below)
Component ID	Target	Target Unit	Component ID	Target	Target Unit
P00639082LZ-CW1	5.035	Lane Km	P00639082LZ-CW1	8.220	Lane Km
P00639082LZ-EAO			P00639082LZ-EAO		
13. UNIT COST (Ente	r Details for all Compone	nts 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)
P00639082LZ-CW1	49,000.000	9,731.877	P00639082LZ-CW1	49,000.000	5,961.071
P00639082LZ-EAO	1,000.000		P00639082LZ-EAO	1,000.000	
14. PROJECT WORK accordance with DO 65 S Construction of Roa	Series 2014)			OCATION (Must be definition of the second se	
Pacso, Kabayan, Ber				, Baay to Crossing Apa	anberang, Pacso,
Start X 120.8044	46 End X	120.798723	Start X 120.800112	End X	120.781656
Start Y 16.67038	4 End Y	16.670509	Start Y 16.669167	End Y	16.668626

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Form for Modification Request

15. ROAD CLASSIFICATION N/A	(if applicable)	26. ROAD CLASSIFICATION (if applicable) N/A		
16. IMPLEMENTING OFFIC the original project) Benguet 1st District Engine	E (Record the Implementing Office of eering Office	27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet 1st District Engineering Office		
17. PROJECT IMPLEMENT	ATION PLAN (PIP)	28. PROJECT IMPLEMENT	ATION PLAN (PIP)	
Planned Start DatePlanned End Date06/27/202211/21/2022		Planned Start Date 06/02/2022	Planned End Date 02/02/2023	
		29. OVERLAP? ⊠ NO □ YES	30. UNDER WARRANTY? ⊠ NO □ YES	

D. ATTACHMENTS & JUSTIFICATIONS

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

 \Box NO \Box YES \boxtimes N/A

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

Summary of Revisions:

Particulars	FROM	то	Variance	
Type of Work	Construction of Concrete Road	Construction of Gravel Road		
Physical Target	5.035 Lane Km	8.220 Lane Km	+3.185 Lane Km	+63.26%
Unit Cost (P'000)	9,731.877/ Lane Km	5,961.071/ Lane Km	-3,770.806/ Lane Km	-38.75%

- The revised physical target represents the equivalent lane kilometer-length that will link two existinglocal roads, each directly connecting to a secondary national road: Cong. Andres Acop Cosalan Road (S00379LZ) and Baguio-Bontoc Road (S00373LZ – Benguet 2nd DEO side).
- The mountainous terrain on which the proposed 4.11-Km road is to be aligned necessitates massive earthworks in order to produce a 7-meter width carriageway (3.50 m per lane) with an acceptable longitudinal grade. The earthworks account for 86.23% of the total civil works component cost, while 10.53% was allocated for slope and embankment protection structures and structure for dumping sites which are crucial for road opening projects. The reduction in unit cost corresponds to the revision in type of work.
- Pursuing the original type of work, i.e., road concreting, in combination with the required opening would result to a significantly shorter road, the impact of which would not be felt as the road influence area would be limited. With no assurance of future funding for the completion of the road, the type of work was converted to road opening that would accommodate future 2-lane concreting in order to produce a usable access road with substantial length. This would therefore optimize the allocation and the benefits derived therefrom.

3	3. РНОТО	S SUBMITTED	
C	NO	⊠ YES	
3	4. A MAP	OF THE PROPOSED	PROJECT WORK LOCATION SUBMITTED
C	NO	⊠ YES	

x	Form for Mo	dification	n Request
	35. P	REPARED BY	<i>(</i> c
Name: Office:	HARVEY GARENTT U. DELLA Benguet 1st District Engineering Office	Position: Date:	Engineer II
36. REVI	EWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name: Position: Date:	LOIDA B. PASCUA Chief, Planning and Design Section	Name: Position: Date:	ANGELITA B. MABITAZAN Chief, Planning and Design Division
	MENDED BY DISTRICT OFFICE (If Required)		9. RECOMMENDED BY REGIONAL OFFICE
Name: Position:	ISAGANI C. CAYME OIC-District Engineer	Name: Position:	KHADAFFY D. TANGGOL Regional Director
Date:		Date:	
			14 - 24 - 24 - 24 - 24 - 24 - 24 - 24 -

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Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA) 300215101065000

Project Id

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P00639082LZ

	40. DPWH C	FFICE OF THE UNDERSECRET	ARIES FOR OPERATIO	INS 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 fo	r Request (based o	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)		

				line item)	
 Typographical error on Project Description Project Description needs items removed due to typo error 	 Overlapping Sections of Work Change in station limits, due to increase or decrease in budget Change in Physical Target 	 No such Barangay No such City/Municipality 	Change in (IO), requiring a change in the (OU)	 Typographical error on Project Component Description Typographical error on other fields not included in, or not consistent with GAA Move funds between Project Components Add/delete Project Components Change of Itemized Project Component: Various Description Location Amount Target 	
	Reviewed by C	Office of the Undersec	retary for Operations		
Name: E	NGR. AGNES LU.		ENGR. MANNY BULUSAN		
Signature Position: Technical Staff – Office of the Undersecre Date:			Technical Staff – Office of the Undersecretary		
	41. DPWH	I PLANNING SERVICE	OFFICE USE ONLY		
Category of Modifica (choose one)	Category B Category C Category D Adjustment Modification Augmentation	- Change in Location - Change in Operating Unit - Send to PS-PD to amend I n does not comply with DBN on	in Station Limits, due to increase or decrease in budget in Location a in Operating Unit (requires DBM approval) o PS-PD to amend MYPS ot comply with DBM Categories		
		Reviewed by Planning	Service		
Signature	Regional Coordinator	Name: Signature: Position: Date:	Signature: Position: OIC – Chief, Programming Division		