Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

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Name of	
Project:	Juban-Bulan Diversion Road, Juban Section, Sorsogon Project ID: P00506299LZ
	Appropriation: 100,000,000
Implementi	ng Office: Regional Office V Date: 04/22/2021
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 11 ✓ IChange in Largets (INLY
	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) $2/-\sqrt{995}$
	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.	
B.1 B.2	 ✓ MAY BE ALLOWED as per the GAA Provisions NOT ALLOWED as per the GAA Provisions
C.	FUND SOURCE FY 2021 GAA, R.A. 11518
C.1	FLR (□Released □Unreleased) Amount: -
C.2	✓ FCR
D. Re	marks: Decreased in physical target by 4.49%, Increased in Unit
	Cost by 4.69%
Frields	And Bur Japier And D. Olever Below Manual Bur Japier
Evalua	ated By: Janica Anna P. Ojenar-Beloy Noted By: Leonora C. Galang Regional Coordinator Section Chief
Project ID:	P00506299LZ Date:
-	FOR OPERATIONS RCY RBB ERP EKS
DEMADIC.	
REMARKS:	Reviewed by Planning Service Recommended for Approval
	Remarks:
	Clark
	MARIA CATALINA E. CABRAL, PhD, CESO I
	Undersecretary for Information Management, Planning
	and PPP Services
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Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **OFFICE OF THE SECRETARY** MANILA

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MEMORANDUM

FOR MARK A. VILLAR .

Secretary

Respectfully forwarded is the memorandum dated March 29, 2021 of Regional Director VIRGILIO C. EDUARTE, DPWH-REGION V, requesting for the modification of project under the FY 2021 GAA, RA 11518, to wit:

As	per GAA/Origin	nal		As Modified	
Project Descripti					
200 KO 20000 HH 2	020410108700 0506299LZ	0			
001: Ensure Safe a	and Reliable Natio	onal Road System	OO1: Ensure Safe and Reliable National Road System		
Network Developm Diversion Roads	ent - Constructio	on of By-Pass and	Roads		/idening - Primary
Juban-Bulan Divers	ion Road, Juban	Section, Sorsogon		sion Road, Jubar	n Section, Sorsogon
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW-1 Construction of Concrete Road – 2.596 Lane KM	₽ 35,288,295 / Lane KM	P 91,608,415	CW-1 Construction of Concrete Road – 2.47936 Lane KM	₽ 36,945,018 / Lane KM ₽73 M	₽ 91,600,000 % •
ROW ROW Acquisition – 0 Square Meters	-	₽ 4,891,585	ROW ROW Acquisition – 24,793.6 Square Meters	₽ 197.63 / Square Meters	₽ 4,900,000
EAO	-	₽ 3,500,000	EAO	-	₽ 3,500,000
Tota	I:	₽ 100,000,000	Tota	1:	₽ 100,000,000
Justification					

Justification:

- Decrease in physical target due to increase in unit cost attributed by the increase in hauling cost since the aggregates that meets the minimum quality standards are coming from Sto. Domingo, Albay. Further, the inclusion of solar LED lights and guardrails also attributed to the increase in unit cost.
- Provision of target for ROW Component since it was not captured in the uploading of AIP.
- The derived unit cost and physical target were based on the approved plans, POW, DUPA, CMPD and Certificate of Cost Reasonableness.

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

RAFAELC. YABUT Senior Undersecretary Undersecretary for Operations Regions I, II, III, IV-A, V and CAR



MARK A. VILLAR Secretary





Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE V

Regional Government Center, Rawis, Legaspi City

March 29, 2021

MEMORANDUM

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DPWH
OFFICE OF THE SENIOR UNDERSECRETARY

FOR	:	SECRETARY MARK A. VILLAR This Department OFFICE OF THE SENIOR UNDERSECRETA
THRU	:	Senior Undersecretary RAFAEL C. YABUT Undersecretary for Regional Operations in Regions I, II, III, IV-A, V, and CAR
		Undersecretary MARIA CATALINA E. CABRAL, Ph.D., CESO I Undersecretary for Information Management, Planning and PPP Services
CUBTROT	_	March 11 Construction of the Rest of the Angle of the DV 2024 CAA

SUBJECT : Modification Request for Project included under the FY 2021 GAA (RA 11518) within SORSOGON (SECOND DISTRICT) for Regional Office V Implementation

Submitted herewith is the proposed modification under OO1 : Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads, included in FY 2021 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11518, for Regional Office V Implementation;

	FROM	(As per GAA)			TO (A	s Modified)		×	
UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target/ Target Unit	Cost (P '000)	UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target		Cost (P '000)	
31020410	1087000 / P00506299LZ								
001 : Ensi	ure Safe and Reliable Natio	nal Road System - Netw	ork Development P	rogram - Co	onstruction of By-Pass and	Diversion Road	s		
Project:	Juban Pulan Diversion Read 1	uban Castion Corrogon		Project:	Juban-Bulan Diversion Road, J	uban Section So	50000		
riojecc.	Juban-Bulan Diversion Road, J	ubali Section, Sorsoyon	1	Project.	Juban-bulan Diversion Road, J	uban Section, Sol	soyon		
Component:	Type of Work:	Target Unit	Component Cost	Component:	Type of Work:	Target	Unit	Component Cost	
CW1	Construction of Concrete Road	2.596 Lane Km	91,608.415	CW1	Construction of Concrete Road	2.479	Lane Km	91,600.000	
ROW	ROW Acquisition	Square meters	4,891.585	ROW	ROW Acquisition	24,793.600	Square meters	4,900.000	
EAO	-	-	- 3,500.000	EAO		-	-	3,500.000	
	TOTAL		100,000.00		TOTAL			100,000.00	
REMARKS	JUSTIFICATION:								
					nal target as per CY2021 GAA,				
	Increase in unit cost is also du	e to provision of complete	road features such as	guardrails a	nd solar LED street lights as we	If the need to have	al aggregates	from Sto.	
	Domingo, Albay since there ar	e no available materials in	Sorsogon that has the	same qualit	y of materials found in Albay.				
			-		-				

Attached are accomplished Evaluation Form for Modification, Approved Programs of Work, AIP, Geotagged Photos, and other supporting documents in support to the request.

For favorable consideration.

VIRGILIÓ C. EDUARTE, CESO IV Regional Director

R05.1 TJTC/LBD/EMV/BMF/MNL



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE V

Regional Government Center, Rawis, Legaspi City

March 29, 2021

MEMORANDUM

FOR	:	SECRETARY MARK A. VILLAR This Department
THRU	:	Senior Undersecretary RAFAEL C. YABUT Undersecretary for Regional Operations in Regions I, II, III, IV-A, V, and CAR
		Undersecretary MARIA CATALINA E. CABRAL, Ph.D., CESO I Undersecretary for Information Management, Planning and PPP Services
SUBJECT	:	Modification Request for Project included under the FY 2021 GAA (RA 11518) within SORSOGON (SECOND DISTRICT) for Regional Office V Implementation

Submitted herewith is the proposed modification under OO1 : Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads, included in FY 2021 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11518, for Regional Office V Implementation;

	FROM (As per GAA)			TO (As	s Modified)		
UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical Target, Target Unit	Cost (P '000)	UACS/ Project ID	Name/ Location of Project/ Thrust/ Type of Work	Physical ⁻ Target		Cost (P '000)
	1087000 / P00506299LZ ure Safe and Reliable Nation	al Road System - Ne	twork Development P	rogram - C	onstruction of By-Pass and	Diversion Road	s	
Project:	Juban-Bulan Diversion Road, Ju	uban Section, Sorsogon)	Project:	Juban-Bulan Diversion Road, J	uban Section, So	rsogon	
Component:	Type of Work:	Target (Jnit Component Cost	Component:	Type of Work:	Target	Unit	Component Cos
CW1	Construction of Concrete Road	2.596 Lane	Km 91,608.415	CW1	Construction of Concrete Road	2.479	Lane Km	91,600.000
ROW	ROW Acquisition	_ Squa meter	4,091,000	ROW	ROW Acquisition	24,793.600	Square meters	4,900.000
EAO	-		- 3,500.000	EAO	-	-	-	3,500.000
	TOTAL		100,000.00		TOTAL			100,000.0
REMARKS	TOTAL /JUSTIFICATION: Change in CW1 Physical Targe Increase in unit cost is also du Domingo, Albay since there are	e to provision of comple	unt not sufficient to complete road features such as	ete the origi guardrails a	nal target as per CY2021 GAA, nd solar LED street lights as we	hence the chang II the need to ha	e in ROW Cou ul aggregates	nponent Am

Attached are accomplished Evaluation Form for Modification, Approved Programs of Work, AIP, Geotagged Photos, and other supporting documents in support to the request.

For favorable consideration.

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FROM THRU	INITIAL	DATE	REMARKS
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Env	- m		
AWA	M		
MAL	18		

	Fo	rm for Project N	Iodification Requ	lest	
•			NERAL		
1. REGION	2. DEO			ATIVE DISTRICT	
De-lan M					
Region V	Sorsogon 2nd District	Engineering Office	SORSOG	ION (SECOND DISTRICT)	
			C. PR	ROPOSED REVISED PROJ	ECT
4. UACS (Unified Account Co	ode Structure as defined in GAA	.)			
310204101087000					
5. Project ID					
P00506299LZ	na mangka ana ila sha ana ana she an ana she an			ngara natara pana atang kana atang kana natar kana natara na tanjaranji na matara kana kana kana kana kana kan	ويعترجون والمروم ويعترون والمروح والمروح والمروح والمروح والمروح
6. Project Category		_			
7. P/A/P	d Reliable National Road S	System			and and the set of the
	nt Program - Constructior	of By-Pass and Divers	ion Roads		
8. Operating Unit			18. Operating Unit (Cha	ange subject to DBM approval)	
Central Office			Central Office		
9. Type of Work (Enter De	etails for all Components below		19. Type of Work (Enter	r Details for all Components below)	
Component ID	Type of Work		Component ID	Type of Work	
P00506299LZ-CW1	Construction of Concret	e Road	P00506299LZ-CW1	Construction of Concrete I	Road
P00506299LZ-ROW	ROW Acquisition		P00506299LZ-ROW	ROW Acquisition	
P00506299LZ-EAO			P00506299LZ-EAO		
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10 PROJECT DESCRIPTION	ON (as recorded in GAA)	an the second second second second second and the transmission of the second second second second second second	20 DROJECT DESCRIPT		
	ON (as recorded in GAA) n Road, Juban Section, So	rsogon	2	TION (of the revised project) on Road, Juban Section, Sorse	ogon
10. PROJECT DESCRIPTIO Juban-Bulan Diversion 11. ALLOTMENT (P '000)	n Road, Juban Section, So	rsogon 100,000	Juban-Bulan Diversio 21. REVISED ESTIMATE '000) (Equal to, or lower th	D COST (P 22. CAF (To be of	btained from Fina
Juban-Bulan Diversior	n Road, Juban Section, So	_	Juban-Bulan Diversio	ED COST (P Ban GAA ED COST (P Management office	btained from Fina
Juban-Bulan Diversior 11. ALLOTMENT (P '000)	n Road, Juban Section, So	100,000	Juban-Bulan Diversion 21. REVISED ESTIMATE '000) (Equal to, or lower the allotment) 100,000	ED COST (P Ban GAA ED COST (P Management office	btained from Fina
Juban-Bulan Diversior 11. ALLOTMENT (P '000) 12. PHYSICAL TARGET (E Component ID	n Road, Juban Section, So) (as recorded in GAA)	100,000	Juban-Bulan Diversion 21. REVISED ESTIMATE '000) (Equal to, or lower the allotment) 100,000	ED COST (P Ban GAA Contemporation (P Contemporation) ED COST (P Contemporation) ED COST (P Contemporation) ED COST (P Management office Contemporation) ED C	btained from Fina ie) elow)
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Juban-Bulan Diversion 11. ALLOTMENT (P '000) 12. PHYSICAL TARGET (E Component ID P00506299LZ-CW1 P00506299LZ-ROW	n Road, Juban Section, So) (as recorded in GAA) inter Details for all Components Target 2.596	100,000 below) Target Unit	Juban-Bulan Diversion 21. REVISED ESTIMATE '000) (Equal to, or lower the allotment) 100,000 23. PHYSICAL TARGET Component ID P00506299LZ-CW1 P00506299LZ-ROW	ED COST (P han GAA (Enter Details for all Components be Target 2.47936 La	btained from Fina e) elow) Target Uni ne Km
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Modification Form Version 01-2019

1	Form for N	Nodification Reque	st		
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Series 2014) SORSOGON (SECOND	DISTRICT)	Juban, Sorsogon		nariozu projects under	
Start X	- End X	- Start X	123.9884	End X	123.99
Start Y	- End Y	- Start Y	12.8198	End Y	12.81
15. ROAD CLASSIFICATIO	ON (if applicable)	26. ROAD CLASSIFI N/A	CATION (if applicab	le)	
16. IMPLEMENTING OFF Regional Office V	FICE (Record the Implementing Office of the original	project) 27. IMPLEMENTIN revised project) Regional Office		e Implementing Office o	of the proposed
17. PROJECT IMPLEMEN	TATION PLAN (PIP)	28. PROJECT IMPLI	یکی بار و میکند که ۲۰۰ مرب می و ماندن و ماه وفران میکند و در از این از این این مربوع و برای مربوع و مربوع ا	N (PIP)	energi web you a tau - communities of Author 1 mar 100
Planned Start Date	Planned End Date	Planned Start Da		Planned End Da	te
August 11, 2020	October 18, 2021	August 11, 2020		October 18, 202	1
		29. OVERLAP? ☑ NO	S	30. UNDER WARR ☑ NO □ YE	
	D. ATTACHN	MENTS & JUSTIFICATIO	NS		
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	OW Component Amount. unit cost is also due to provision of comp			lau IED atuant light	a as well the n
			guarurans and so		
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• •	Form for Project	Modification R	Request
•	35. PR	EPARED BY:	
Name:	ESTER M. VARGAS	Position:	Chief, Planning Section
Office:	DPWH ROV 🕏	Date:	
36. RI	EVIEWED BY DISTRICT OFFICE (If Required)	3	88. REVIEWED BY REGIONAL OFFICE
Name:	-	Name:	MARILOU N. LACUNA
Position		Position	Chief, Planning and Design Division
Date:		Date:	
36. RECC	OMMENDED BY DISTRICT OFFICE (If Required)	<u>39</u> .	RECOMMENDED BY REGIONAL OFFICE
Name:	-	Name:	VIRGINO C. EDUARTE CESO IV
Position		Position	Regional Director
Date:		Date:	
Modification Form V	ersion 01-2019		310204101087000

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		Fo	orm for Project	Modification Reque	est
UACS (Unified Account Cod	e Structure as de	efined in GAA)			
310204101087000					
Project ID					
P00506299LZ					
	40. DP			CRETARIES FOR OPERA	ATIONS USE ONLY
			A - Typographical Errors	· · · ·	
		_ ,	9	ts, due to increase or decrease	in budget
Category of Modificatio	on		C - Change in Location		
(choose one)				Init (requires DBM approval)	
			nt - Send to PS-PD to ame		
			on does not comply with D	DBM Categories	
Primary Reason for Rea		on Category			Adjustment
Category A	Category B		Category C	Category D	Adjustment (Must be no change to target or GAA line item)
Typographical error on Project Description	U Overlappin Work	ng Sections of	🗌 No such barangay	Change in (IO)	Typographical error on Project Component Descrip
Project Description need	ds_ Change in	station limits, rease or	City/Municipality	(OU)	□ Typographical error in other fields not included in, not consistent with GAA
typo error	decrease i	n budget			Move funds between Project Components
	_				Add/delete Project Components
	Change in	physical target			Change of Itemized Project Component:
					Various
					Description
					Location
					Amount
					Z Target
		Rev	iewed by Office of the	e Undersecretary for Opera	ations
Name:	RHOFE	L MARIE	Y. REGALADI		
Name: Signature:		بالمراجع المراجع المراجع في المراجع والمراجع في المراجع في المراجع المراجع المراجع المراجع المراجع ا	Y, REGALADI		
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Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS **REGIONAL OFFICE V** Regional Government Center, Rawis, Legaspi City

March 10, 2021

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: **OO1 : Ensure Safe and Reliable National Road System - Network Development Program - Construction of By-Pass and Diversion Roads - Juban-Bulan Diversion Road, Juban Section, Sorsogon**

A	s per GAA		As per POW		
Scope of Work	Phys. Target		Scope of Work	Phys. Target	
CW1 – Construction of Concrete Road	3.026	Lane Km	CW1 – Construction of Concrete Road	2.47936	Lane Km
ROW – ROW Acquisition	25546.904	Square meters	ROW – ROW Acquisition	24793.60	Square meters

DESCRIPTION OF WORKS TO BE DONE (AS PER POW)			AS SUBMITTED		
			TOTAL DIRECT COST (PHP)		% TOTAL
Part:	A:	Facilities for the Engineer	PHP	98,700.00	0.13%
	B:	Other General Requirements	PHP	1,737,894.90	2.20%
	C:	Earthworks	PHP	11,624,538.13	14.74%
	D:	Subbase and Base Course	PHP	7,497,292.97	9.51%
	E:	Surface Course	PHP	21,019,898.13	26.66%
	G:	Drainage and Slope Protection Structures	PHP	23,088,636.02	29.28%
	H:	Miscellaneous Structures	PHP	10,280,179.66	13.04%
		Eng'g & Administrative Overhead	PHP	3,500,000.00	4.439%
		TOTAL	PHP	78,847,139.81	100.00%

Cost per Kilometer of project (as per POW) = $\frac{Php78,847,139.81}{1.23968 Km}$ = 63,602,816.70 Php/Km

The high unit cost per kilometer of the project as per Program of Work is attributed to the following:

- 1. There is a need to haul aggregates from Sto. Domingo, Albay since there are no available materials in Sorsogon that has the same quality of materials found in Albay.
- 2. Provision of roadside furniture such as guardrail and solar LED street light.

Certified by:

MARIFOU N. LACUNA Chief, Planning and Design Division

VIRGILIO C. EDUARTE, CESO IV Regional Director

R05.1 TJTC/EMV/BMF/MNL