



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

5235

Programming Division Evaluation Sheet

Name of Project: Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H9ID, Camp Elias Angeles, San Jose, Pili, Camarines Sur Project ID: P00432420LZ

Appropriation: 100,000,000

Implementing Office: Regional Office V

Date: 06/13/2020

A. TYPE OF REQUEST

A.1 **Change in Implementing Office/Operating Unit due to**

20-4741

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.

C.1 FLR (Released Unreleased) Amount: _____

C.2 FCR

D. Remarks:

Evaluated By: Janica Anna P. Ojenar-Beloy
Regional Coordinator

Noted By: Leonora C. Galang
Section Chief

ACTION SLIP

Project ID: P00432420LZ

Date: _____

FOR : USEC FOR OPERATIONS RCY RBB DSS EKS

REMARKS: Reviewed by Planning Service

Recommended for Approval

Remarks: subject to RD certification on

unit cost of physical target of
reasonable unit cost of physical target of
unit cost based very much high compared to
the BOC standard cost
I don't see that in the technical judgement

MARIA CATALINA E. CABRAL, PhD, CESO I

Undersecretary for Planning and PPP



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

JUN 18 2020

MEMORANDUM

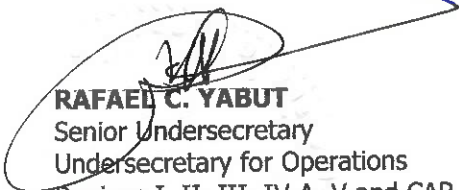
FOR : **MARK A. VILLAR**
Secretary

Respectfully forwarded is the memorandum dated February 28, 2020 of Regional Director **Melvin B. Navarro, MNSA, CESO IV**, endorsing the request for the **modification** of project under the FY 2020 GAA, to wit:

<i>As per GAA/Original</i>			<i>As Modified</i>		
Project Description					
UACS No. 300207100084000 Project ID: P00432420LZ Convergence and Special Support Program Construction/ Improvement of Various Infrastructure in support of National Security Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H9ID, Camp Elias Angeles, San Jose, Pili, Camarines Sur			Convergence and Special Support Program Construction/ Improvement of Various Infrastructure in support of National Security Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H9ID, Camp Elias Angeles, San Jose, Pili, Camarines Sur		
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Concrete Road – 5 Lane Km	₱ 13,510,000.00 / Lane KM	₱ 67,550,000.00	CW1 – Construction of Concrete Road – 5.76908 Lane Km	₱ 11,549,095.00 / Lane Km	₱ 66,627,653.00
CW2 – Construction of Concrete Bridge – 291.924 Square meters	₱ 99,169.65 / Square meters	₱ 28,950,000.00	CW2 – Construction of Concrete Bridge – 291.924 Square meters	₱ 55,895.84 / Square meters	₱ 16,317,337.00
			CW3 – Construction of Revetment – 267.15 Lineal meters	₱ 50,739.32 / Lineal meters	₱ 13,555,010.00
EAO	-	₱ 3,500,000.00	EAO	-	₱ 3,500,000.00
Total:		₱ 100,000,000	Total:		₱ 100,000,000
Justification:					
<ul style="list-style-type: none"> Decrease in Unit Cost of CW1 and CW2 to maximize allocation amount since the original allocation is more than enough to complete the target and to suffice the amount needed for additional component. 					

- Increase in Physical Target in CW1 was based on the estimated quantity from actual survey and as result of design structure.
- Addition of CW3 - Construction of Revetment to prevent scouring of soil which accounts to 14.05% of the total civil works

Based on our evaluation, the submitted request for modification of the said project is in order; hence approval hereof is recommended. *subject to reassessment of unit cost of the revetment per L.M. with 1 m*

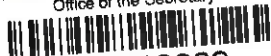

RAFAEL C. YABUT
Senior Undersecretary
Undersecretary for Operations
Regions I, II, III, IV-A, V and CAR

APPROVED/DISAPPROVED:


MARK A. VILLAR
Secretary

2.1 RMYR/LTR

Department of Public Works and Highways
Office of the Secretary


WINOC03929



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE V
Regional Government Center, Rawis, Legaspi City

February 28, 2020

"FCR"

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 Planning and PPP

SUBJECT : **Modification Request for Project included under the FY 2020 GAA (RA 11465) within CAMARINES SUR THIRD DISTRICT for Regional Office V Implementation**

Submitted herewith is the proposed modification under Convergence and Special Support Program - Construction/ Improvement of Various Infrastructure in support of National Security, included in FY 2020 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11465, for Regional Office V Implementation;

FROM (As per GAA)				TO (As 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/ Target Unit	Cost (P '000)		
300207100084000 / P00432420LZ									
Convergence and Special Support Program - Construction/ Improvement of Various Infrastructure in support of National Security									
Project: Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H9ID, Camp Elias Angeles, San Jose, Pili, Camarines Sur				Project: Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H9ID, Camp Elias Angeles, San Jose, Pili, Camarines Sur					
Component:	Type of Work:	Target	Unit	Component Cost	Component:	Type of Work:	Target	Unit	Component Cost
CW1	Construction of Concrete Road	5.000	Lane Km	67,550	CW1	Construction of Concrete Road	5.769	Lane Km	66,628
CW2	Construction of Concrete Bridge	291.924	Square meters	28,950	CW2	Construction of Concrete Bridge	291.924	Square meters	16,317
EAO	-	-	-	3,500	CW3	Construction of Revetment	267.150	Lineal meters	13,555
-	-	-	-	-	EAO	-	-	-	3,500
TOTAL				100,000.00	TOTAL				100,000.00
REMARKS/JUSTIFICATION:									
Change in CW1 physical target based on estimated quantity computations from survey conducted and result of design of structure. Addition of CW3 (Construction of Revetment), accounting to 14.05% of total civil works cost.									

Attached are accomplished Evaluation Form for Modification, Approved Programs of Work, Certificate of Availability of Funds, and other supporting documents in support to the request.

For favorable consideration.

MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director

R05.1 TJTC/EMV/BMF/MNL

Form for Project Modification Request

A. GENERAL

1. REGION Region V	2. DEO Camarines Sur 3rd District Engineering Office	3. LEGISLATIVE DISTRICT CAMARINES SUR THIRD DISTRICT
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B. ORIGINAL PROJECT

C. PROPOSED REVISED PROJECT

4. UACS (Unified Account Code Structure as defined in GAA) 300207100084000		
5. Project ID P00432420LZ		
6. Project Category Convergence and Special Support Program		
7. P/A/P Construction/ Improvement of Various Infrastructure in support of National Security - -		
8. Operating Unit Central Office		18. Operating Unit (Change subject to DBM approval) Central 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
P00432420LZ-CW1	Construction of Concrete Road	P00432420LZ-CW1
P00432420LZ-CW2	Construction of Concrete Bridge	P00432420LZ-CW2
P00432420LZ-EAO	-	P00432420LZ-CW3
-	-	P00432420LZ-EAO
-	-	-
-	-	-
10. PROJECT DESCRIPTION (as recorded in GAA) Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H91D, Camp Elias Angeles, San Jose, Pili, Camarines Sur		20. PROJECT DESCRIPTION (of the revised project) Concreting of Main Road with Cross Drainages, catch basins, curbs & gutter and sidewalk inside H91D, Camp Elias Angeles, San Jose, Pili, Camarines Sur
11. ALLOTMENT (P '000) (as recorded in GAA) 100,000		21. REVISED ESTIMATED COST (P '000) (Equal to, or lower than GAA allotment) 100,000
		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
P00432420LZ-CW1	5.000	Lane Km
P00432420LZ-CW2	291.92	Square meters
P00432420LZ-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)
P00432420LZ-CW1	67,550.00	13,510.000
P00432420LZ-CW2	28,950.00	99.170
P00432420LZ-EAO	3,500.00	-
-	-	-
-	-	-
Component ID	Component Cost (P '000)	Target Unit Cost (P '000/Target Unit)
P00432420LZ-CW1	66,627.65	11,549.095
P00432420LZ-CW2	16,317.34	55.896
P00432420LZ-CW3	13,555.01	50.739
P00432420LZ-EAO	3,500.00	-
-	-	-
-	-	-

Form for Modification Request

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

Series 2014)

Camarines Sur

Start X

End X

Start Y

End Y

25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65

Series 2014. Also complete Annex A for National road projects under OO1 and LP)

Pili, Camarines Sur

5235

Start X

End X

Start Y

End Y

Section A: 123.3007
 Section B: 123.2998
 Section C: 123.2986
 Section D: 123.2962
 Section E: 123.2974
 Section F: 123.2954
 Section G: 123.2932
 Section H: 123.2941
 Section I: 123.2956
 Section J: 123.2942
 Section K: 123.2937
 Section A: 13.6177
 Section B: 13.6156
 Section C: 13.6147
 Section D: 13.6144
 Section E: 13.6159
 Section F: 13.6136
 Section G: 13.6157
 Section H: 13.6139
 Section I: 13.6145
 Section J: 13.6152
 Section K: 13.6155

Section A: 123.3008
 Section B: 123.2991
 Section C: 123.2995
 Section D: 123.2962
 Section E: 123.299
 Section F: 123.2936
 Section G: 123.2948
 Section H: 123.2949
 Section I: 123.2939
 Section J: 123.2934
 Section K: 123.2951
 Section A: 13.6162
 Section B: 13.6149
 Section C: 13.6136
 Section D: 13.6128
 Section E: 13.6182
 Section F: 13.6155
 Section G: 13.6136
 Section H: 13.6148
 Section I: 13.6154
 Section J: 13.6142
 Section K: 13.6162

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)

Regional Office V

27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)

Regional Office V

17. PROJECT IMPLEMENTATION PLAN (PIP)
Planned Start Date

February 24, 2020

Planned End Date

November 18, 2020

28. PROJECT IMPLEMENTATION PLAN (PIP)
Planned Start Date

February 24, 2020

Planned End Date

November 18, 2020

29. OVERLAP?
 NO YES

30. UNDER WARRANTY?
 NO 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 CW1 physical target based on estimated quantity computations from survey conducted and result of design of structure.
 Addition of CW3 (Construction of Revetment), accounting to 14.05% of total civil works cost.

33. GEOTAGGED PHOTOS SUBMITTED
 NO YES

34. A MAP GENERATED FROM THE DEPARTMENT'S GIS OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED
 NO YES

Form for Project Modification Request

35. PREPARED BY:

Name: <i>[Signature]</i> ESTER M. VARGAS	Position: Chief, Planning Section
Office: DPWH ROV	Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

38. REVIEWED BY REGIONAL OFFICE

Name:	<i>[Signature]</i> Name: MARLOU N. LACUNA
Position:	Position: Chief, Planning and Design Division
Date:	Date:

36. RECOMMENDED BY DISTRICT OFFICE (If Required)

39. RECOMMENDED BY REGIONAL OFFICE

Name:	<i>[Signature]</i> Name: MELVIN S. NAVARRO, MNSA, CESO IV
Position:	Position: Regional Director
Date:	Date:

Form for Project Modification Request

UACS (Unified Account Code Structure as defined in GAA)

300207100084000

Project ID

P00432420LZ

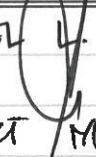
40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

<p>Category of Modification (choose one)</p>	<input type="checkbox"/> Category A - Typographical Errors <input type="checkbox"/> Category B - Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C - Change in Location <input type="checkbox"/> Category D - Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment - Send to PS-PD to amend <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation
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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 checked="" 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 change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error in 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:	MANUEL L. SINGSON
Signature:	
Position:	PROJECT MGR. A
Date:	JUNE 4, 2020

41. DPWH PLANNING SERVICE OFFICE USE ONLY

<p>Category of Modification (choose one)</p>	<input type="checkbox"/> Category A - Typographical Errors <input type="checkbox"/> Category B - Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C - Change in Location <input type="checkbox"/> Category D - Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment - Send to PS-PD to amend <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation
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Reviewed by Planning Service

Name:	JANICA ANNA P. OJENAR - BELOY	Name:	PAUL D. CONRO
Signature:		Signature:	
Position:	Regional Coordinator	Position:	Chief, Programming Division
Date:	06/13/2020	Date:	6/10/2020



Republic of the Philippines
Department of Public Works and Highways
ALBAY 3rd DISTRICT ENGINEERING OFFICE
Regional Office No. V
Paulog, Ligao City

Date: June 17, 2020

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project: Proposed Approved Budget for the Contract (ABC) and Program of Work for the
**Construction of Main Road with Cross Drainages, catch basins,
curbs & gutter and sidewalk inside H9ID,
Camp Elias Angeles, San Jose, Pili, Camarines Sur**

Length of Road (as per POW): 2.88454 Kilometers

Length/Area of Bridge (as per POW): 30.60 l.m./291.924 Square Meters

Length of Revetment (as per POW): 0.26715 Kilometers

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT Weight (%)
PART A	Facilities for the Engineer	Php101,266.20	0.10
PART B	Other General Requirements	Php1,070,621.91	1.07
I	CONCRETING OF ROAD NETWORK		
PART C	Earthworks	Php2,959,960.82	2.96
PART D	Subbase and Base Course	Php8,265,311.24	8.27
PART E	Surface Course	Php32,271,620.79	32.27
PART G	Drainage and Slope Protection Structures	Php19,303,415.76	19.30
PART H	Miscellaneous Structures	Php3,017,638.09	3.02
II	CONSTRUCTION OF BRIDGE		
PART C	Earthworks	Php228,893.42	0.23
PART F	Bridge Construction	Php15,432,207.67	15.43
PART G	Drainage and Slope Protection Structures	Php457,936.60	0.46
III	CONSTRUCTION OF REVETMENT		
PART I-A	Earthworks	Php1,057,102.22	1.06
PART I-B	Bank and Slope Protection Works	Php12,333,177.75	12.33
	EAO	Php3,500,000.00	3.50
	TOTAL	Php99,999,152.47	100.00

Cost per meter of Road (per POW) = $\frac{\text{Php}66,208,576.07}{2,884.54 \text{ l.m.}} = \text{Php } 22,952.91$

Cost per square meter of Bridge (per POW) = $\frac{\text{Php}16,509,667.06}{30.60 \text{ l.m.}} = \text{Php } 539,531.60$

Cost per meter of Revetment (per POW) = $\frac{\text{Php}13,780,909.34}{267.15 \text{ l.m.}} = \text{Php } 51,584.91$

High unit cost is attributed to the hauling cost of aggregates sourced from Pinit River in Ligao City, Albay due to which is approximately 65.35 km and boulders sourced from Maninila River in Guinobata, Albay which is approximately 72.55 km from the project site which is at present being restricted from further quarrying activities, resulting to additional Php467.76 per cubic meter and Php521.81 per cubic meter hauling cost for aggregates and boulders, respectively.

Certified by:


MARI LOU N. LACUNA
Chief, Planning and Design Division


MELVIN B. NAVARRO, MNSA, CESO IV
DPWH Regional Director