



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

5571

Programming Division Evaluation Sheet

Name of Project: Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd - K0572 + 833 - K0572 + 975, K0573 + 573 - K0573 + 623, K0573 + 684 - K0573 + 749, K0574 + 067 - K0574 + 167, K0574 + 941 - K0575 + 420, K0576 + 950 - K0577 + 417, K0578 + 893 - K0578 + 968, K0579 + 120 - K0579 + 180 Project ID: P00400208LZ

Appropriation: 110,000,000

Implementing Office: Albay 1st DEO

Date: 06/18/2020

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.

C.1 ☒ FLR (☐Released ☐Unreleased) Amount: 110,000,000

C.2 ☐ FCR

D. Remarks:

Physical target decreased by 70.74%

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

Noted By: Leonora C. Salang
Section Chief

ACTION SLIP

Project ID: P00400208LZ

Date: _____

FOR : USEC FOR OPERATIONS

☒ RCY

☐ RBB

☐ DSS

☐ EKS

REMARKS: ☒ Reviewed by Planning Service

☒ Recommended for Approval

☐ Remarks:

subject to RD Certification of reasonable
ness of unit cost since it is much higher
than the BOC referenced unit cost
Cabral

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

JUL 02 2020
MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary

Respectfully forwarded is the memorandum dated March 2, 2020 of Regional Director **Melvin B. Navarro, MNSA, CESO IV**, endorsing the request of **District Engineer Simon N. Arias**, Albay 1st DEO, for the **modification** of project under the FY 2020 GAA, to wit:

EO, for the modification of project under the FY 2020 GAA, is with:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310108100312000 Project ID: P00400208LZ					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Asset Preservation – Rehabilitation/Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Secondary Roads			Asset Preservation – Rehabilitation/Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Secondary Roads		
Daang Maharlika Jct – Legazpi Sto. Domingo – Tabaco – Camarines Sur Bdry Rd – K0572+833 – K0572+975, K0573+K0573 – K0573+632, K0573+684 – K0573+749, K0574+067 – K0574+167, K0574+941 – K0575+420, K0576+950 – K0577+417, K0578+893 – K0578+968, K0579+120 – K0579+180			Daang Maharlika Jct – Legazpi Sto. Domingo – Tabaco – Camarines Sur Bdry Rd – K0582+330 – K0582+405, K0582+856 – K0582+889, K0582+910 – K0582+955		
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW1 – Construction of Road Slope Protection – 21,321.6 Square Meters	₱ 4,978.52 / Square Meter	₱ 106,150,000.00	CW1 – Construction of Road Slope Protection – 6,239.62 Square Meters	₱ 17,012.25 / Square Meter	₱ 106,150,000.00
EAO	-	₱ 3,850,000.00	EAO	-	₱ 3,850,000.00
Total:		₱ 110,000,000	Total:		₱ 110,000,000
Justification: - <i>Physical target decreased by 70% + cost increase</i> <ul style="list-style-type: none">Change in station limits. Overlapping with some station limits released under FY 2019 GAA – Calamity Funds.Increase in unit cost due to change in detailed design of slope protection structure from Stone Masonry to Steel Sheet Pile since the stability of the ground for the new section is soft and requires sheet piling.					

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

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/MLS

Department of Public Works and Highways
Office of the Secretary

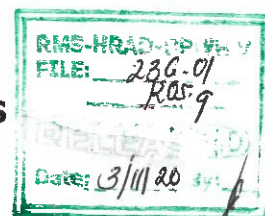


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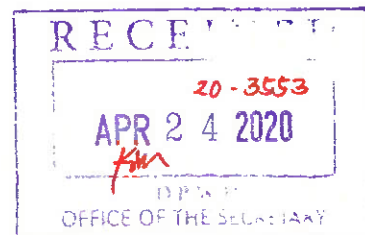
Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE V

Regional Government Center, Rawis, Legazpi City



March 2, 2020

20-3969



MEMORANDUM

FOR : Secretary MARK A. VILLAR
This Department

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

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 Albay 1st Legislative District for Albay 1st District Engineering Office Implementation

Forwarded is the Memorandum dated February 28, 2020 of District Engineer Simon N. Arias, Albay 1st District Engineering Office, Airport Site, Legazpi City relative to the proposed modification under OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - , included in FY 2020 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11465, for Albay 1st District Engineering Office Implementation, viz:

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)		
310108100312000 / P00400208LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads -									
Project:	Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd - <u>K0572 + 833 - K0572 + 975, K0573 + 573 - K0573 + 623, K0573 + 684 - K0573 + 749, K0574 + 067 - K0574 + 167, K0574 + 941 - K0575 + 420, K0576 + 950 - K0577 + 417, K0578 + 893 - K0578 + 968, K0579 + 120 - K0579 + 180</u>			Project:	Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd - <u>K0582 + 330 - K0582 + 405, K0582 + 856 - K0582 + 889, K0582 + 910 - K0582 + 955</u>				
Component:	Type of Work:	Target	Unit	Component Cost	Component:	Type of Work:	Target	Unit	Component Cost
CW1	Construction of Road Slope Protection Structure	<u>21,321.60</u>	Square meters	106,150	CW1	Construction of Road Slope Protection Structure	<u>6,239.62</u>	Square meters	106,150
EAO	-	-	-	3,850	EAO	-	-	-	3,850
TOTAL				110,000.00	TOTAL				110,000.00
REMARKS/JUSTIFICATION:									
- Overlapping of some station limits in the original projects with the station limits released under FY 2019 GAA - Calamity Funds									
- Overlapping of some station limits in the original projects with the station limits requested under FY 2019 GAA - Calamity Funds									
- Change in unit cost due to change in detailed scope of work:									
Original Project: Construction of Stone Masonry Slope Protection (Slope Collapse)									
Revised Project: Construction of Reinforced Concrete Slope Protection (Road Slip) with Steel Sheet Piles									

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.

MELVEN B. NAVARRO, MNSA, CESO IV
Regional Director



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ALBAY 1st
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE V
Airport Site, Legazpi

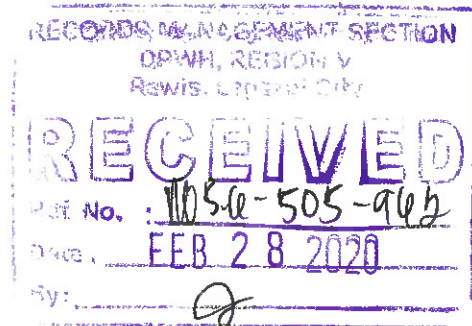
February 28, 2020

MARK A. VILLAR

Secretary

Department of Public Works and Highways

Bonifacio Drive, Port Area, Manila



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

MARIA CATALINA E. CABRAL, PhD., CESO I
Undersecretary for Planning and PPP

Thru : MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director
DPWH, Regional Office No. V
Rawis, Legazpi City

**SUBJECT: REQUEST FOR APPROVAL OF MODIFICATION FOR FY 2020
INFRASTRUCTURE PROJECT IN ALBAY 1ST DEO**

Sir:

Respectfully submitted herewith for your consideration and approval is the request for modification for the FY 2020 Infrastructure Project to be implemented by Albay 1st District Engineering Office as listed below, to wit:

FROM		TO		Reason / Justification
Name and Location of Project	Amount (P'000)	Name and Location of Project	Amount (P'000)	
Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads, Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd - K0572 + 833 - K0572 + 975, K0573 + 573 - K0573 + 623, K0573 + 684 -	P 110,000.00	Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads, Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd, K0582 + 330 - K0582 + 405, K0582 + 856 - K0582 + 889 and K0582 +	P 110,000.00	A. There will be a change in the station limits for the said project due to the following: 1.) Overlapping of some station limits in the original project with the station limits released under FY 2019 GAA - Calamity Funds. 2.) Overlapping of some station limits in the original project with the station limits requested under FY 2019 GAA - Calamity Funds. B. The new project sites are the other critical areas that needs slope protection which were not included in the Calamity Fund request.

K0573 + 749, K0574 + 067 - K0574 + 167, K0574 + 941 - K0575 + 420, K0576 + 950 - K0577 + 417, K0578 + 893 - K0578 + 968, K0579 + 120 - K0579 + 180, Tiwi, Albay		910-K0582 + 955, Tiwi, Albay		
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Attached herewith are the copies of Program of Works (POW), Detailed Unit Price Analysis (DUPA) and Other Supporting Documents in support to this modification.

Favorable action hereon is earnestly requested for prompt project procurement and implementation.

5571

Very truly yours,


SIMON N. ARIAS

District Engineer

Attachments:

1. Modification Form Version 01-2019
2. BP202
3. Approved Program of Works
4. Geotagged Photos (Location of Project)
5. Copy of Sub-Allotment Advice for Calamity Funds
6. Copy of Contract (Calamity Projects)
7. Copy of NOA and NTP (Calamity Projects)
8. Straight Line Diagram showing location of projects
9. Certificate of Availability of Funds

RO5.9.21 APA/GPR/SNA

Form for Modification Request

A. GENERAL					
1. REGION Region V		2. DEO Albay 1st District Engineering Office		3. LEGISLATIVE DISTRICT Albay 1st District	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 310108100312000					
5. Project Id P00400208LZ					
6. Project Category OO1: Ensure Safe and Reliable National Road System					
7. Sub-Program (P/A/P) Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads					
8. Operating Unit Albay 1st District Engineering Office			18. Operating Unit (Change subject to DBM approval) Albay 1st 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 Road Slope Protection Structure		CW1	Construction of Road Slope Protection Structure	
10. PROJECT DESCRIPTION (as recorded in GAA) Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd - K0572 + 833 - K0572 + 975, K0573 + 573 - K0573 + 623, K0573 + 684 - K0573 + 749, K0574 + 067 - K0574 + 167, K0574 + 941 - K0575 + 420, K0576 + 950 - K0577 + 417, K0578 + 893 - K0578 + 968, K0579 + 120 - K0579 + 180			20. PROJECT DESCRIPTION (of the revised project) Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd, K0582 + 330 - K0582 + 405, K0582 + 856 - K0582 + 889 and K0582 + 910-K0582 + 955		
11. ALLOTMENT (P'000) (as recorded in GAA) 110,000.00			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 110,000.00		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	21,321.60	Square Meters (m2)	CW1	6,239.62 ✓	Square Meters (m2)
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	106,150.00	4.978/m2	CW1	106,150.00 ✓	17.01/m2 ✓
EAO	3,850.00		EAO	3,850.00 ✓	

Form for Modification Request

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Tiwi, Albay Start X 13.477 End X 13.496 Start Y 123.655 End Y 123.615				25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014). Tiwi, Albay Start X 13.468517 End X 13.513338 Start Y 123.652717 End Y 123.607245			
15. ROAD CLASSIFICATION (if applicable) Secondary				26. ROAD CLASSIFICATION (if applicable) Secondary			
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Albay 1st District Engineering Office				27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Albay 1st District Engineering Office			
17. PROJECT IMPLEMENTATION PLAN (PIP) Planned Start Date May 1, 2020 Planned End Date November 8, 2020				28. PROJECT IMPLEMENTATION PLAN (PIP) Planned Start Date May 1, 2020 Planned End Date November 8, 2020			
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)
 There will be a change in station limits and unit cost for the said project due to the following:

- Overlapping of some station limits in the original project with the station limits released under FY 2019 GAA - Calamity Funds.
- Overlapping of some station limits in the original project with the station limits requested under FY 2019 GAA - Calamity Funds.
- Change in Unit Cost due to change in detailed scope of work:
 - Original Project: Construction of Stone Masonry Slope Protection (Slope Collapse)
 - Revised Project: Construction of Reinforced Concrete Slope Protection (Road Slip) with Steel Sheet Piles

33. PHOTOS SUBMITTED
☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED
☐ NO ☒ YES

35. PREPARED BY:

Name:	NOELANNIE BRIZUELA - MARTINEZ	Position:	Engineer II
Office:	Planning and Design Section	Date:	2/28/2020
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
Name:	ANNELLE P. ANTIVOLA	Name:	MARILOU N. LACUNA
Position:	Chief of Planning and Design Section	Position:	Chief of Planning Division
Date:	2/28/2020	Date:	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
Name:	SIMON N. ARIAS	Name:	MELVIN B. NAVARRO, MNSA, CESO IV
Position:	District Engineer	Position:	Regional Director
Date:	2/28/2020	Date:	

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310108100312000

Project Id

P00400208LZ

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:

Signature

Position:

Date:

MANUEL F. SINGSON
PROJECT MGR. 1
JUNE 4, 2020

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


Reviewed by Planning Service

Name:

Signature

Position:

Date:


JANICA ANNA P. OJENAR-BELOY

Regional Coordinator
06/18/2020

Name:

Signature

Position:

Date:

ROGER DAUL R. CORRA

Chief of Programming Division
6/18/2020

Annex A Form for Modification Request

[illegible]



Republic of the Philippines
 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ALBAY 1st
DISTRICT ENGINEERING OFFICE
 REGIONAL OFFICE V
 Airport Site, Legazpi City

June 25, 2020

CERTIFICATE OF REASONABLENESS OF COST ESTIMATE

Project : **001: Ensure Safe and Reliable National Road System, Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads, Daang Maharlika Jct-Legazpi-Sto Domingo-Tabaco-Camarines Sur Bdry Rd, K0582 + 330 - K0582 + 405, K0582 + 856 - K0582 + 889 and K0582 + 910-K0582 + 955**

Station Limits : K0572 + 833 - K0572 + 975, K0573 + 573 - (PER GAA)
 K0573 + 623, K0573 + 684 - K0573 + 749,
 K0574 + 067 - K0574 + 167, K0574 + 941 -
 K0575 + 420, K0576 + 950 - K0577 + 417,
 K0578 + 893 - K0578 + 968, K0579 + 120 -
 K0579 + 180

 K0582 + 330 - K0582 + 405, K0582 + 856 - (PER POW)
 K0582 + 889 and K0582 + 910-K0582 + 955

Physical Target : 21,321.60 square meters (PER GAA)
 6,239.62 square meters (PER POW)

Location : Tiwi, Albay

Duration : 192 Calendar Days

SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT	PERCENT WEIGHT (%)
A. Construction of Slope Protection Structures			
Part A	Facilities for the Engineer	Php 126,126.00	0.11%
Part B	Other General Requirements	Php 1,837,584.96	1.67%
Part E	Surface Courses	Php 691,099.45	0.63%
Part IA	Earthworks	Php 1,435,966.37	1.31%
Part IB	Bank and Slope Protection	Php 102,059,105.37	92.78%
B. EAO – Engineering & Administrative Overhead			
Part I	Engineering & Administrative Overhead	Php 3,850,000.00	3.50%
Grand Total (say)		Php 109,999,882.15 Php 110,000,000.00	100%



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
ALBAY 1st
DISTRICT ENGINEERING OFFICE
REGIONAL OFFICE V
Airport Site, Legazpi City

Cost per sq.m. of Slope Protection (Per GAA) = $\frac{\text{Php } 110,000,000.00}{21,321.60 \text{ sq.m.}}$ = **Php 5,159.09 / sq.m.**

Cost per sq.m. of Slope Protection (Per POW) = $\frac{\text{Php } 110,000,000.00}{6,239.62 \text{ sq.m.}}$ = **Php 17,629.28 / sq.m.**

Difference in Cost per sq.m. = **Php 12,470.19 / sq.m.**

The difference between the estimated cost of Php 5,159.09/sq.m. per GAA and the estimated cost of Php 17,629.28 as per POW of the project mentioned above is due to the change in detailed scope of work resulted from changing the original station limits/location of the project.

As per GAA, the scope of work is Stone Masonry Slope Protection, but the original station limits/location overlaps with the location of awarded projects funded and requested under calamity funds. To prevent overlapping of projects and to prioritize the critical areas that needs slope protection, the station limits/location of project was changed. Based on actual site survey, the new station limits/location are areas prone to landslide and Reinforced Concrete Slope Protection Structure with Steel Sheet Piles as foundation is deemed necessary to provide slope/roadside protection.

In this regard, the increase in unit cost of Php 12,470.19/sq.m. is considered reasonable as the unit cost of work involved are within the range of the prevailing cost of the department.

Prepared:


NOELANNIE B. MARTINEZ
Engineer II

Checked:


ANNELLE P. ANTIVOLA
Chief, Planning & Design Section

Submitted:


SIMON N. ARIAS
District Engineer

Recommending Approval:


MARIELOU N. LACUNA
Chief, Planning & Design Division

Approved:


MELVIN B. NAVARRO, MNSA, CESO IV
Regional Director