

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

Manila

April 25, 2023

### MEMORANDUM

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TO

**KHADAFFY D. TANGGOL** Regional Director DPWH-CAR Engineer's Hill, Baguio City

Transmitted herewith is the **<u>APPROVED</u>** request for the **modification** of hereunder stated project:

 OO1: Ensure Safe and Reliable National Road System - Asset Preservation -Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide -Secondary Roads Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160 -K0351 + 260, K0351 + 300 - K0351 + 400, Banaue, Ifugao - -₱120,000,000.00

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.

### ADOR G. CANLAS

Assistant Secretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP



**Programming Division Evaluation Sheet** 

P00715120LZ Name of Project: Project ID: Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao Appropriation: 120,000,000 Implementing Office: Regional Office CAR 04/12/2023 Date: TYPE OF REQUEST Α. A.1 Change in Implementing Office/Operating Unit due to DPWH - OSEC Geographical Jurisdiction A.1.1 A.1.2 Approval of Authority to Bid/Implement 1 **PROJECT MODIFICATION/ADJUSTMENTS** A.2 A.2.1 Typographical Error/s A 2 2 Change in Location (for non-existent locations only) 1 A.2.3 Change in Station Limits BV Ime Addition/Deletion of Word/s Control No A.2.4 IDIS NO A.2.5 1 Change in Project Component/s Details A.2.5.1 Change in Targets Change in Scope of Work from to A.2.5.3 Change in Component Amount A.2.5.4 Addition of Component (incl. EXC Component) A.2.5.5 Deletion of Component A.2.5.6 Movement of Funds between Components в. **EVALUATION** B.1 ALLOWED as per the GAA Provisions **B.2** NOT ALLOWED as per the GAA Provisions FUND SOURCE FY 2023 GAA, R.A. 11936 C. for issuance of SARO (□Released □Unreleased) 120,000,000 C.1 Amount: C.2 released thru GAAAO D. **IMPACT:** Condition/s: % decrease in unit cost D.1 . 49.68 % increase in unit cost 33.19 % decrease in physical target -\_\_\_\_% increase in physical target D.2 Anional Project Component tertificate of Cost Reasonableness by RD D.3 D.4 Remarks: E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA E.1 Undersecretary for Operations E.2 Secretary oted By: **Evaluated By:** AR., CESO III G. BOTE CONSTANTE A. LLANES, AL Director, Planning Service Assistant Secretary, Rlanning Service ACTION SLIP P00715120LZ Date: Project ID: FOR SECRETARY MANUEL M. BONOAN OR N Reviewed by Planning Service **REMARKS:** Recommended for Approval Remarks: MARIA CATALINA E. CABRAL, CESO I, Ph.D.

Undersecretary for Planning and PPP Services

M1302 **CAR-112** 



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

Manila

April 4, 2023

### MEMORANDUM

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FOR

MANUEL M. BONOAN Secretary This Department

This refers to the memorandum dated 20 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL,** requesting for the **modification** of the project under FY 2023 GAA, to wit;

per GAA/Origina	Constraint and the second second	As Modified				
	Project D	escription				
312000 0LZ						
ion/ Reconstruction	on of Roads with	Preservation - Rehabilita	tion/ Reconstruction	n of Roads with		
Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao		Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160 - K0351 + 260, K0351 + 300 - K0351 + 400, Banaue, Ifugao				
Type of Work/ Physical Target Unit Cost Allocation		Type of Work/ Physical Target	Unit Cost	Estimated Cost		
CW1- Construction of         P         17,369.99/         P         115,800,000.00           Structure /         6,666.67 sq.m.         sq.m.         \$115,800,000.00         \$		CW1- Construction of Road Slope Protection Structure / 4,454 sq.m.	₱ <b>25,999.10</b> / sq.m.	₱ 115,800,000.00		
EAO – ₱4,200,000.00		EAO	-	₱ 4,200,000.00		
Total:	₽ 120,000,000.00		/ Total:	₱ 120,000,000.00		
	312000 OLZ eliable National Ro ion/ Reconstruction I Landslide - Secon Lista-Isabela Bro Ifugao Unit Cost ₱ 17,369.99/ sq.m.	Project D         312000         312000         OLZ         eliable National Road System - Asset         cion/ Reconstruction of Roads with         d Landslide - Secondary Roads         D Lista-Isabela Bndry Rd, K0350 + 660         Ifugao         Unit Cost       Allocation         P 17,369.99/       P 115,800,000.00         sq.m.       P 4,200,000.00	Project Description         312000         OLZ         eliable National Road System - Asset ion/ Reconstruction of Roads with d Landslide - Secondary Roads       OO1: Ensure Safe and R Preservation - Rehabilita Slips, Slope Collapse, an         D Lista-Isabela Bndry Rd, K0350 + 660 Ifugao       Banaue-Mayoyao-Alfons 160 - K0351 + 260, K Banaue, Ifugao         Unit Cost       Allocation       Type of Work/ Physical Target         P 17,369.99/ sq.m.       P 115,800,000.00       CW1- Construction of Road Slope Protection Structure / 4,454 sq.m.         -       P 4,200,000.00       EAO	Project Description <b>Project Description Structure Description ODESCIPTION Project Description Structure Description ODESCIPTION Structure ODESCIPTION ODESCIPTION ODESCIPTION Type of Work/ DIN P 115</b> ,800,000.00 <b>EAO P 25,999.10</b> / <b>Sq.m. P 4</b> ,200,000.00 <b>EAO</b>		

Change in Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 6,666.67 Square Meters to 4,454 Square Meters due to the following:

- The change in station limits was deemed necessary due to an overlap with the FY 2022 Infrastructure Project of the Ifugao Second District Engineering Office. As such, an adjacent critical road section requiring immediate slope intervention was identified and considered.
- The decrease in the physical target/ increase in unit cost for CW1 is due to the design length of 5-meter permanent ground anchors as recommended in the design analysis. The project utilized the Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) which contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope protection.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Certificate of Reasonableness, Evaluation of the Bureau of Construction on the unit cost of the similar type projects, RSM Forms and GIS Map.

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Page 2 of 2

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

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ADOR G. GANLAS

Assistant Secretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII, and XIII

**RECOMMENDING APPROVAL:** 

MARIA CATALINA E. CABRAL, Ph.D., CESO I Undersecretary for Planning and Public-Private Partnership Services

Underse Stretary for Regional Operations

in CAR, Regions I, II, IX, X, XI, XII, and XIII

APPROVED/DISAPPROVED:

NUEL M. BONOAN Secretary Department of Public Works and Highways Office of the Secretary

2.3 mksa/MLS/AVS/AGC/ERP



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

March 20, 2023

### MEMORANDUM

- FOR : MANUEL M. BONOAN Secretary
- THRU : EUGENIO R. PIPO, JR. Undersecretary for Regional Operations CAR, Regions I, II, IX, X, XI, XII and XIII
- SUBJECT : Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System -Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 -K0350 + 775, Banaue, Ifugao

We are respectfully submitting the modification of the above project in the amount of **One Hundred Twenty Million Pesos (Php 120,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified		
Project ID	P00715120LZ			
UACS	310108101312000			
Project Title	Banaue-Mayoyao-Alfonso Lista- Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao	Banaue-Mayoyao-Alfonso Lista- Isabela Bndry Rd, <b>K0351 + 160 - K0351 + 260,</b> <b>K0351 + 300 - K0351 + 400,</b> Banaue, Ifugao		
Physical Target	6,666.670 Square meters	4,454.000 Square meters		

The supporting documents based on D.O. No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

TANGGOL KHAD/ Regional Director

CAR.1 CSCE/EFD/JWC/ABM

S. Project Id pro0715120LZ S. Project Category DO1: Ensure Safe and Reliable National Road System 7. Sub-Program (P/A/P) Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads 8. Operating Unit Central Office 9. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) Component ID 10. PROJECT DESCRIPTION (as recorded in GAA) Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160 K0351 + 260, K0351 + 300 - K0351 + 400. Banaue, Ifugao 11. ALLOTMENT (P'000) (as recorded in GAA) 120,000 12. PHYSICAL TARGET (Enter Details for all Components 12. PHYSICAL TARGET (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) 13. UNIT COST (Enter Details for all Components below) 24. UNIT COST (Enter Details for all Components below)	<b>1. REGION</b> Cordillera Adminis		2. DEO       ative Region     Ifugao Second District Engineering Office				3. LEGISLATIVE DISTRICT IFUGAO (LONE DISTRICT)			
STOTES AND STATES AND		B. ORIGINAL PROJECT	Section of the	C. P	ROPOSED REV	ISED PRO	JECT			
PRO0715120LZ 5. Project Category DO1: Ensure Safe and Reliable National Road System 7. Sub-Program (P/A/P) Asset Preservation - Rehabilitation/ Reconstruction of Road System 8. Operating Unit Central Office 9. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) 19. Type of Work (Enter Details for all Components below) Component ID 19. Type of Work (Enter Details for all Components below) 10. PROJECT DESCRIPTION (as recorded in GAA) Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160 660 - K0350 + 775, Baraue, Ifugao 11. ALLOTMENT (P) Us recorded in GAA) 120,000 12. REVISED ESTIMATED COST 12. REVISED ESTIMATED COST 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID 13. UNIT COST (Enter Details for all Components below) Component ID Component ID COM COM COM COM COM COM COM COM	4. UACS (Unified A 310108101312000		e as defined in GAA	4)						
6. Project Category         C01: Ensure Safe and Reliable National Road System         7. Sub-Program (P/A/P)         Asset Preservation - Rehabilitation/ Records with Slips, Slope Collapse, and Landslide - Secondary Roads         8. Operating Unit Central Office       18. Operating Unit (Charge 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       Construction of Road Slope Protection Structure       Cw1       Construction of Road Slope Protection Structure       Construction of Road Slope Protection Structure       20. PROJECT DESCRIPTION (of the revised project)         Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao       20. PROJECT DESCRIPTION (of the revised project)         Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao       21. REVISED ESTIMATED COST (P1000) [regulation of Road Slope]       22. CAF [To be obtained] from Financial Management office]         11. ALLOTMENT (PJV)       (as recorded In GAA)       3. PHYSICAL TARGET [Enter Details for all Components below)       23. PHYSICAL TARGET [Enter Details for all Components below]         Component ID       Target Unit (M2)       Square Meters (m2)       Cw1       4.454.000       Square Meters (m2)         13. UNIT COST [Enter Details for all Components below]       Component ID       Target Unit Cost (P000)	5. Project Id									
CODI: Ensure Safe and Reliable National Road System         7. Sub-Program (P/A/P)         Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads         8. Operating Unit Central Office       18. Operating Unit (Charge 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       Construction of Road Slope Protection Structure       19. Type of Work (Enter Details for all Components below)         CW1       Construction of Road Slope Protection Structure       CW1       Construction of Road Slope Protection Structure         Banaue-Mayoyao-Alforso Lista-Isabela Bndry Rd, K0351 + 160 (S0351 + 260, K0351 + 160)       Structure       Construction of Road Slope Protection Structure         11. ALLOTMENT (P'000) (as recorded in GAA) 120,000       Structure       Can Revised EstimAte Dots (P'000) (Equal to, or lower than Cat Allotment) 120,000       22. CAF (To be obtained from Financial Management office) 120,000       23. PHYSICAL TARGET (Enter Details for all Components below)       Square Meters (m2)         CW1       Target Unit       Component ID       Target Unit       Square Meters (m2)       Square Meters (m2)         13. UNIT COST (Enter Details for all Components below)       Component ID       Square Meters (m2)       Component ID       Target Unit Component ID       Component Cost	P00715120LZ									
7. Sub-Program (P/A/P)         Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads         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         COMPONENTION (Screended in GAA)       Construction of Road Slope Protection Structure       20. PROJECT DESCRIPTION (of the revised project)         Banaue-Mayoyao-Alfonso Lista-Isabela       DA ROJECT DESCRIPTION (as recorded in GAA)       20. PROJECT DESCRIPTION (as recorded in GAA)         Banaue-Mayoyao-Alfonso Lista-Isabela       XK0350 + 775, Banaue, Ifugao       21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)       22. CAF (To be obtained from Financial GAA allotment)         12. PHYSICAL TARGET (Enter Details for all Components below)       3. PHYSICAL TARGET (Enter Details for all Components below)       23. PHYSICAL TARGET (Enter Details for all Components below)       23. PHYSICAL TARGET (Enter Details for all Components below)         CW1       Square Meters (m2)       CW1       4,454.000       Square Meters (m2)         13. UNIT COST (Enter Details for all Components below)       Component ID (P'000)       Target Unit Cost (P'000)       Component ID       Target Unit Cost (P'000)       Square Meters (m2)         13. UNIT COST (Ente	6. Project Categor	У								
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Asset Preservation - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads         8. Operating Unit Central Office       18. Operating Unit Central Office         9. Type of Work (Ent+r Details for all Components below)       19. Type of Work (Ent+r Details for all Components below)         Component ID       Type of Work         CW1       Construction of Road Slope Protection Structure       CW1         10. PROJECT DESCRIPTION (as recorded in GAA)       20. PROJECT DESCRIPTION (of the revised project)         Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 260, K0351 + 300 - K0351 + 400, Banaue, Ifugao       Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160 K0351 + 260, K0351 + 300 - K0351 + 400, Banaue, Ifugao         11. ALLOTMENT (P'000) [as recorded in GAA)       Camponent ID       Target       Z1. REVISED ESTIMATED COST (P000) [Equal to, or lower than GAA allotment)       Z2. CAF (To be obtained from Financial Management office)         120,000       Target       Target Unit Component ID       Target       Z3. PHYSICAL TARGET (Enter Details for all Components below)       Square Meters (m2)         CW1       5,666.670       Square Meters (m2)       CW1       4,454.000       Square Meters (m2)         13. UNIT COST (Enter Details for all Component Selow)       Component ID       Target Unit Cost (P000)/Target       Component ID       Target Unit Cost (P000)/Target       Square Meters (m2)         Compon	7. Sub-Program (P	/A/P)								
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Central Office         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       Type of Work         CW1       Construction of Road Slope Protection Structure       CW1       Construction of Road Slope Protection Structure         10. PROJECT DESCHPTION (as recorded in GAA) Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao       20. PROJECT DESCRIPTION (of the revised project)         Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 1600       Component ID       Eanaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 1600         11. ALLOTMENT (P'000) (as recorded in GAA)       21. REVISED ESTIMATED COST 120,000       22. CAF (To be obtained from Financial Management office)         12. PHYSICAL TARGET (Enter Details for all Components below)       Target Unit       Component ID       Target Unit         CW1       Target Unit       Component ID       Target Unit       Square Meters (m2)       CW1       4,454.000       Square Meters (m2)         Component ID       Component Cost (P'000)       Target Unit Cost (P'000)/Target Unit)       Component ID       Target Unit Cost (P'000)/Target Unit)       Component ID       Component Cost (P'000)/Target       Target Unit Cost (P'000)/Target       Component ID       Component Cost (P'	8 Operating Unit			18. Operating Unit	Change subje	ct to DBM	approval)			
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CW1Construction of Road Slope Protection StructureCW1Construction of Road Slope Protection Structure10. PROJECT DESCRIPTION (as recorded in GAA) Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 + 660 - K0350 + 775, Banaue, Ifugao20. PROJECT DESCRIPTION (of the revised project) Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 300 - K0351 + 300 - K0351 + 400, Banaue, Ifugao11. ALLOTMENT (P'000) (as recorded in GAA) 120,00021. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 120,00022. CAF (To be obtained from Financial Management office) 120,00012. PHYSICAL TARGET (Enter Details for all Components below)TargetTarget Unit (Component IDComponent ID Target UnitTarget Unit (CW1Square Meters (m2)Square Meters (m2)Square Meters (m2)Square Meters (m2)13. UNIT COST (Enter Details for all Components below)Component ID (p'000)Target Unit Cost (p'000/Target Unit)Component ID (p'000/Target Unit)Target Unit Cost (p'000/TargetTarget Unit Cost (p'000/Target Unit)Target Unit Cost (p'000/TargetComponent ID (p'000/Target Unit)Target Unit Cost (p'000/TargetComponent ID (p'000/	9. Type of Work (E	Enter Details for all Co	mponents below)	19. Type of Work (E	nter Details fo	or all Com	ponents below)			
CW1       Structure       Structure         10. PROJECT DESCRIPTION (as recorded in GAA)       Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 +       20. PROJECT DESCRIPTION (of the revised project)         Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 +       Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160         660 - K0350 + 775, Banaue, Ifugao       21. REVISED ESTIMATED COST       22. CAF (To be obtained from Financial Management office)         11. ALLOTMENT (P'000) (as recorded in GAA)       21. REVISED ESTIMATED COST       22. CAF (To be obtained from Financial Management office)         120,000       21. REVISED ESTIMATED COST       22. CAF (To be obtained from Financial Management office)         120,000       23. 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 Unit         CW1       6,666.670       Square Meters (m2)       CW1       4,454.000       Square Meters (m2)         13. UNIT COST (Enter Details for all Components below)       24. UNIT COST (Enter Details for all Components below)       24. UNIT COST (Enter Details for all Component Cost (P'000/Target Unit)       Target Unit Cost (P'000/Target Unit)       Target Unit Cost (P'000/Target Unit)         C001       115,800.000       17.36999       CW1       115,800.000       25.99910 <td>Component ID</td> <td>Type of Work</td> <td></td> <td>Component ID</td> <td>Type of W</td> <td colspan="2">Type of Work</td>	Component ID	Type of Work		Component ID	Type of W	Type of Work				
Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0350 +       Banaue-Mayoyao-Alfonso Lista-Isabela Bndry Rd, K0351 + 160         660 - K0350 + 775, Banaue, Ifugao       21. REVISED ESTIMATE COST       22. CAF (To be obtained from Financial Management office)         11. ALLOTMENT (P'00) (as recorded in GA)       21. REVISED ESTIMATE COST       22. CAF (To be obtained from Financial Management office)         120,000       [P'000] (Equal to, or lower than GAA allotment)       20,000       [YES]         12. PHYSICAL TARGET (Enter Details for all Components below)       Component ID       Target Unit       Component ID       Target Unit         CW1       6,666.670       Square Meters (m2)       CW1       4,454.000       Square Meters (m2)         13. UNIT COST (Enter Details for all Components below)       Component ID       Target Unit Cost (P'000/Target Unit Cost (P'000/Target Unit)       Component ID       Target Unit Cost (P'000/Target Unit)         Component ID       115,800.000       17.36999       CW1       115,800.000       25.99910	CW1		CW1	Construction of Road Slope Protection Structure						
660 - K0350 + 775, Banaue, Ifugao       K0351 + 260, K0351 + 300 - K0351 + 400, Banaue, Ifugao         11. ALLOTMENT (P'∪∪) (as recorded in GAA)       21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 120,000       21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 120,000       22. CAF (To be obtained from Financial Management office) 120,000         12. PHYSICAL TARGET (Enter Details for all Components below)       3. PHYSICAL TARGET (Enter Details for all Components below)       23. PHYSICAL TARGET (Enter Details for all Components below)       23. PHYSICAL TARGET (Enter Details for all Components below)       Target Unit         Cw1       6,666.670       Square Meters (m2)       Cw1       4,454.000       Square Meters (m2)         13. UNIT COST (Enter Details for all Components below)       Target Unit Cost (P'000/Target Unit)       Component ID       Target Unit Cost (P'000/Target Unit)       Component ID       Component Cost (P'000/Target Unit)       Target Unit Cost (P'000/Target Unit)       Component ID       Target Unit Cost (P'000/Target Unit)       Component ID       Component Cost (P'000/Target Unit)       Target Unit)       Target Unit)       Target Unit)       Target Unit)       Component ID       Component Cost (P'000/Target Unit)       Target Unit	10. PROJECT DESC	RIPTION (as recorded	in GAA)	20. PROJECT DESCR	IPTION (of the	e revised p	project)			
11. ALLOTMENT (P'000) (as recorded in GAA)       (P'000) (Equal to, or lower than from Financial Management office)         120,000       (Enter Details for all Components below)       (Enter Details for all Components for all Components below)         12. PHYSICAL TARGET (Enter Details for all Components below)       23. PHYSICAL TARGET (Enter Details for all Components below)       (Enter Details for all Components below)         Component ID       Target       Target Unit       Component ID       Target Unit         Square Meters (m2)       (m2)       CW1       4,454.000       Square Meters (m2)         13. UNIT COST (Enter Details for all Components below)       24. UNIT COST (Enter Details for all Component below)       Square Unit Cost (P'000) Target Unit Cost (P'000) Target Unit)       Target Unit)         CW1       115,800.000       17.36999       CW1       115,800.000       25.99910			3ndry Rd, <b>K0350 +</b>							
120,000I20,000I20,000I20,00012. PHYSICAL TARGET (Enter Details for all Components below)23. PHYSICAL TARGET (Enter Details for all Components below)23. PHYSICAL TARGET (Enter Details for all Components below)Component IDTargetTarget UnitComponent IDTarget UnitTarget UnitCW16,666.670Square Meters (m2)CW14,454.000Square Meters (m2)Square Meters (m2)13. UNIT COST (Enter Details for all Component Details for all Component Details for all Component IDTarget Unit Cost (P'000/Target Unit)24. UNIT COST (Enter Details for all Component Cost (P'000/Target Unit)Target Unit Cost (P'000/TargetCW1115,800.00015,800.00025,99910Target UnitTarget UnitTarget Unit	11. ALLOTMENT (P'000) (as recorded in GAA)			(P'000) (Equal to, or lower than from Financial						
below)Z3. PHYSICAL TARGET (Enter Details for all component ID Target UnitTarget UnitCW1f,666.670Square Meters (m2)CW1fargetSquare Meters (m2)13. UNIT COST (Enter Details for all Component ID Component IDComponent ID (P'000/Target Unit)CW1farget Unit Cost (P'000)Square Meters (m2)Cw1115,800.00017.36999CW1115,800.00025.99910	110,000			120,000		⊠YES				
CW16,666.670Square Meters (m2)CW14,454.000Square Meters (m2)13. UNIT COST (Enter Details for all Components below)24. UNIT COST (Enter Details for all Components below)24. UNIT COST (Enter Details for all Components below)Component IDComponent Cost (P'000)Target Unit Cost (P'000/Target Unit)Component IDComponent Cost (P'000/Target Unit)Target Unit Cost (P'000)CW1115,800.00017.36999CW1115,800.00025.99910	12. PHYSICAL TAR below)	GET (Enter Details for	all Components	23. PHYSICAL TARG	<b>ET</b> (Enter Deta	ails for all	Components below			
CW16,666.670(m2)CW14,454.000(m2)13. UNIT COST (Enter Details for all Components below)24. UNIT COST (Enter Details for all Components below)24. UNIT COST (Enter Details for all Components below)Component IDComponent Cost (P'000)Target Unit Cost (P'000/Target Unit)Component IDComponent Cost (P'000)Target Unit Cost (P'000/Target Unit)Target Unit Cost (P'000)Target Unit Cost (P'000/Target Unit)Target Unit Cost (P'000)Target Unit Cost (P'000/Target Unit)CW1115,800.00017.36999CW1115,800.00025.99910	Component ID	Target	Target Unit	Component ID	Target		Target Unit			
Component IDComponent Cost (P'000)Target Unit Cost (P'000/Target Unit)Component IDComponent Cost (P'000)Target Unit Cost (P'000)CW1115,800.00017.36999CW1115,800.00025.99910	CW1	6,666.670	an <sup>th</sup> erman	CW1	4,454.000	)				
Component ID         Component Cost (P'000)         (P'000/Target Unit)         Component ID         Component Cost (P'000)         (P'000/Target Unit)           CW1         115,800.000         17.36999         CW1         115,800.000         25.99910	13. UNIT COST (Er	nter Details for all Cor	nponents below)	24. UNIT COST (Ent	er Details for	all Compo	nents below)			
	Component ID	a second a second s	(P'000/Target	Component ID		ent Cost	Sec. 198			
EAO 4,200.000 EAO 4,200.000	CW1	115,800.000	17.36999	CW1	115,800.0	000	25.99910			
	EAO	4,200.000		EAO	4,200.000	0				

		14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.		
End X	Start X	X End X		
End Y	Start Y	End Y	Start Y	
ION (if applicable)	26. ROAD CLASSIFICATIO Secondary Road	N (if applicable)	15. ROAD CLASSIFICATIC Secondary Road	
	27. IMPLEMENTING OFFI the proposed revised pro Cordillera Administrative	<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project) Cordillera Administrative Region		
NTATION PLAN (PIP)	28. PROJECT IMPLEMENT	TATION PLAN (PIP)	17. PROJECT IMPLEMEN	
<b>Planned End Date</b> 04/14/2024	Planned Start Date 05/21/2023	Planned Start DatePlanned End Date05/21/202304/14/2024		
30. UNDER WARRANTY? ⊠ NO □ YES	29. OVERLAP?			
		D. ATTACHME		

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 Station Limits in the Project Description and Decrease in physical target for CW1 - Construction of Road Slope Protection Structure from 6,666.67 Square Meters to 4,454 Square Meters due to the following:

- The change in station limits was deemed necessary due to an overlap with the FY 2022 Infrastructure Project of the Ifugao Second District Engineering Office. As such, an adjacent critical road section requiring immediate slope intervention was identified and considered.
- The decrease in the physical target/increase in unit cost for CW1 is due to the design length of 5-meter permanent ground anchors as recommended in the design analysis. The project utilized the Erosion Control Mat (Type 4), Permanent Ground Anchor, Hydroseeding and Active Wire Mesh System (High Tensile) which contributed to the increase in unit cost thereon causing a deduction in the target area of the proposed slope protection.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Certificate of Reasonableness, Evaluation of the Bureau of Construction on the unit cost of the similar type projects, RSM Forms and GIS Map.

**33. PHOTOS SUBMITTED** 

DNO XYES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

□NO ⊠YES

an an Arta	35. P	REPARED BY	· · · · · · · · · · · · · · · · · · ·
Name:	ERLINDA F. DOLIENTE	Position:	Chief, Planning Section
Office:	Planning and Design Division	Date:	
36. REVIE	WED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:		Name:	ANGELITA B, MABITAZAN
Position:		Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMM	IENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:		Name:	KHADAFFY D. TANGGOL
Position:		Position:	Regional Director
Date:		Date:	

**UACS** (Unified Account Code Structure as defined in GAA) 310108101312000

#### Project Id

P00715120LZ

P00/15120L2						
	40. DPWH OFFIC	CE OF THE UNDERSEC	RETARIES FOR OPERA	TIONS		
Primary Reason fo	r Request (based on Categ	ory of Modification):	(choose one)			
Category A	Category B	Category C	Category D	Impact		
<ul> <li>Typographical error on Project Description</li> </ul>	<ul> <li>Overlapping Sections</li> <li>Change in Station Limits</li> <li>Change in Physical Target</li> </ul>	<ul> <li>No such Barangay</li> <li>No such City or Municipality</li> </ul>	Change in (IO), requiring a change in the (OU)	<ul> <li>No change or decrease in unit cost</li> <li>20% or less increase in unit cost</li> <li>&gt; 20% increase in unit cost</li> </ul>		
	Reviewed b	y Office of the Unders	ecretary for Operatio	ons		
Name:	Engr. MANUELL. SINGSON	N	Engr. ANTONIO	V. SOBREVIÑAS, JR.		
Signature			/	np		
Position:	Project Manager I		Project Manager II			
Date:	4/4/23			a/4/23		
n des des an		41. DPWH PLANNIN	G SERVICE			
<b>Category of Modif</b> (please check the	ication appropriate)	ry A – Typographical E ry B – Change in Static ry C – Change in Locat ry D – Change in Oper cation does not compl	on Limits ion, due to non-existi ating Unit (requires D	BM approval)		
		Reviewed by Plann	ng Service			
Name:	ANNA ANDREA M. NOCH	E Name:	PETER PAUL R.	CORTEZ		
Signature	Ardom	Signat	Signature: faile			
Position:	Regional Coordinator		Position: OIC - Chief of Programming Division			
Date:	04.12.23	Date:	Date:			

# ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
P00715120LZ - CW1	S00480LZ	K0351+160	K0351+260	10510	10610	100	Construction of Road Slope Protection Structure	Active Wire Mesh System (High Tensile) (L/S)	Square Meters	2254
P00715120LZ - CW1	S00480LZ	K0351+300	K0351+400	10650	10750	100	Construction of Road Slope Protection Structure	Active Wire Mesh System (High Tensile) (L/S)	Square Meters	2200