



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



October 16, 2024

**MEMORANDUM**

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

**ATTENTION :** **RUBY A. UYAM**  
District Engineer  
Lower Kalinga District Engineering Office  
Bulanao, Tabuk City, Kalinga

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads Balbalan-Pinukpuk Rd - K0516 + 200 - K0518 + 939, K0519 + 053 – K0520+263.065 - - - **P80,139,000.00**

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.

  
**EUGENIO B. PIPO, JR.**

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

2.3 mksa/AVS/ERP

**Project Modification of Allotment under the GAA Request Evaluation Form**

Date of Evaluation: 09/27/2024

<b>P/A/P 1 (001, 002, CSSP, LP):</b>	<b>Appropriation Source:</b>	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	<b>UACS:</b>	310103101370000
<b>P/A/P 2 (Program):</b>	<b>Project ID:</b>	P00802254LZ
Asset Preservation Program	<b>Region:</b>	Cordillera Administrative Region
<b>P/A/P 3 (Sub-Program):</b>	<b>Implementing Office:</b>	Lower Kalinga District Engineering Office
Preventive Maintenance - Tertiary Roads	<b>Appropriation (Php):</b>	80,139,000

**Name of Project per GAA:**

Balbalan-Pinukpuk Rd - K0516 + 200 - K0518 + 939, K0519 + 053 - K0522 + 1128

**Implementing Office****A Justification for Modification:**

- The decrease in the physical target/increase in the unit cost is due to recent price escalation and Pavement Reblocking.
- The asphalt overlay project is 50mm thick and includes Thermoplastic Pavement Markers.
- Change in the Station Limits to synchronize with the decrease in the Physical Target. See the attached Straight Line Diagram.
- The utilization of the prevailing construction cost of materials necessary for the completion of all pertinent scopes of work contributed to the variance in unit cost thereon causing a decrease in the target length of the proposed asphalt overlay
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA)

**A.1** ☒ Certificate of Reasonableness of Cost Estimateapproved by: RD Khadaffy D. Tanggol dated: July 18, 2024**B. PER PLANNING SERVICE EVALUATION****B.1** ☒ **PROJECT MODIFICATION ON PROJECT DESCRIPTION**B.1.1 ☐ Typographical Error/sB.1.3 ☒ Change in Station LimitsB.1.2 ☐ Change in Location (for non-existent locations only)B.1.4 ☐ Addition/ Deletion of Word/By: 24-10999 Time: 15:05**B.2** ☒ **PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**B.2.1 ☒ Change in TargetsB.2.3 ☐ Change in Component AmountB.2.2 ☐ Change in Scope of WorkB.2.3.1 ☐ Addition of Component (including excess amount)B.2.3.2 ☐ Deletion of ComponentB.2.3.3 ☐ Movement of Funds between Components**C. RESULTANT AFTER MODIFICATION**C.1 ☐ Additional Project Component/s

C.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Preventive Maintenance of Road: Asphalt Overlay	Preventive Maintenance of Road: Asphalt Overlay	13.666 lane km	7.922 lane km	72.50%	-42.03%
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

**D. AS EVALUATED**D.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

- Increase in Unit cost is evaluated and considered reasonable by the Bureau of Construction (BOC) per memorandum dated 25 September 2024 of Director Allan Borromeo.

Evaluated By:

ALEX G. BOTE

Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III

Assistant Secretary, Planning Service and the Legislative Liaison Office

**E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA**E.1 ☒ SecretaryE.2 ☐ Undersecretary for Operations
☒ Recommended for Approval  
☐ Remarks: Catalina
MARIA CATALINA E. CABRAL, Ph.D., CESO I

Undersecretary for Planning and PPP Services





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



August 30, 2024

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated June 19, 2024, of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RUBY A. UYAM, Lower Kalinga District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310103101370000</b> <b>Project ID: P00802254LZ</b>  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads  Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053-K0522 + 1128			  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads  Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053-K0520+263.065		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 13.666 Lane Kilometers	₱ 5,658,871.29/ Lane Kilometer	₱ 77,334,135.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / 7.92213 Lane Kilometer	₱ 9,761,785.66 / Lane Kilometer <i>₱ 19.4 M/km</i>	₱ 77,334,135.00
EAO	—	₱ 2,804,864.00	EAO	—	₱ 2,804,865.00
		₱ 80,139,000.00	Total:		₱ 80,139,000.00


**Justification:**

The project is to be modified in view of the following:


- The decrease in the physical target/increase in the unit cost is due to the unit price escalation and Pavement Reblocking
- The asphalt overlay project is 50mm thick which includes Thermoplastic Pavement Marking and Portland Cement Concrete Pavement.
- The change in station limits to synchronize with the Physical Target. See attached Straight Line Diagram.
- The Items of Work involved in the Program of Work (POW) are based from the results of the Evaluation of the Bureau of Construction dated July 3, 2024. See attached Report. It is indicated in the report that the requested amount was reduced from P 80,139,000.00 (inclusive of EAO) to P 77,625,407.10 (inclusive of EAO), having an excess of P 2,513,592.90. Thus, to maximize the utilization of the project allocation, the physical target was increased from 6.884 Lane Kilometers to 7.92213 Lane Kilometers.


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, GIS Map and Certification of No overlapping (Certified by the District Engineer, Planning & Design, Construction and Maintenance Division Chief).

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

  
**REY PETER B. GILLE, D.M.**  
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

  
**EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and  
XIII

**APPROVED/~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/MLS/AVS/RPBG/ERP

Department of Public Works and Highways  
Office of the Secretary



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



September 25, 2024

MEMORANDUM

FOR : Director ALEX G. BOTE  
Planning Service

SUBJECT : Request for the Approval of Modification of the Project under  
FY2024 GAA:

**Organizational Outcome 1: Ensure Safe and Reliable National  
Road System – Asset Preservation Program– Preventive  
Maintenance – Tertiary Roads**

P00802254LZ: Balbalan – Pinukpuk Rd – K0516+200 – K0518+939,  
K0519+053 – K0520+263.065, Pinukpuk, Kalinga

Forwarded herewith is the result of the evaluation for the above-mentioned request, which  
was resubmitted to this Office per Memorandum dated September 23, 2024 (**Annex "A"**).

The requested amount of **P80,139,000.00** (inclusive of EAO) for the 7.92213 lane kilometer  
for maintenance of road: Asphalt Overlay of Balbalan – Pinukpuk Rd – K0516+200 –  
K0518+939, K0519+053 – K0520+263.065, Pinukpuk, Kalinga, maybe considered reasonable  
as evaluated based on the items of work involved and corresponding quantities as reflected  
in the approved Program of Works (POW), Detailed Engineering Design Plan, and other  
pertinent documents, duly approved by the District Engineer, DPWH – Lower Kalinga District  
Engineering Office.

SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 249,477.82	0.32%
Part C	Earthworks	P 24,712.67	0.03%
Part D	Subbase and Base Course	P 12,240.47	0.02%
Part E	Surface Course	P 75,070,688.26	97.07%
Part H	Miscellaneous Structures	P 1,977,015.78	2.56%
Grand Total		P 77,334,135.00	100.00%

Cost per lane kilometer =  $\frac{P75,070,688.26}{7.92213 \text{ lane km}}$  = **P9,476,073.76/lane km**  
Of Asphalt Overlay

The estimated cost of **P9,476,073.76** per lane kilometer for the asphalt overlay of Balbalan – Pinukpuk Rd – K0516+200 – K0518+939, K0519+053 – K0520+263.065, Pinukpuk, Kalinga, is due to the design requirements as reflected in the approved plans considering all items of work from Parts C, D, E and H. The said unit cost per lane kilometer includes earthworks, aggregate subbase course, 50.00mm thick asphalt overlay and reflectorized thermoplastic pavement markings, which accounts to **0.03%, 0.02%, 97.07% and 2.56%**, respectively or an aggregate total of **99.68%** of total project cost. Hence, it is considered reasonable as the unit cost of the items of work involved are within the range of the prevailing cost of the Department.

Further, please be informed that the above project were already evaluated by this Office (**Annex "B"**) and the unit cost were adopted in the Detailed Unit Price Analysis (DUPA) (**Annex "C"**).



**ALLAN S. BORRROMEO, CESO III**  
Director, Bureau of Construction

CC: Undersecretary ADOR G. CANLAS, CESO IV, for Technical Services and Information Management Service (IMS)  
Assistant Secretary REY PETER B. GILLE, D.M., For Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII  
Regional Director KHADAFFY D. TANGGOL, DPWH-Cordillera Administrative Region

6.1.1. RIC|CBC|JTS|MIP  
09252024-Modification-CAR-LKDEO-asphalt overlay  
Ref. 6.1-12369





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



July 3, 2024

**MEMORANDUM**

**FOR :** Undersecretary EUGENIO R. PIPO, JR.  
Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

**SUBJECT :** Request for the Approval of Modification of the Project under FY2024 GAA:

**Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation Program– Preventive Maintenance – Tertiary Roads**

- ✓ 1. P00802254LZ: Balbalan – Pinukpuk Rd – K0516+200 – K0518+939, K0519+053 – K0519+759, Pinukpuk, Kalinga
2. P00804227LZ: Bulanao – Paracelis Rd, K0508+645 – K0513+1105, Tabuk City, Kalinga

**Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation Program – Preventive Maintenance – Secondary Roads**

3. P00804225LZ: Mt. Province Bdry – Calanan – Pinukpuk – Abbut Rd (Calanan – Pinukpuk Section), K0512+000 – K0513+398, K0514+000 – K0515+000, K0515+265 – K0518+000, Tabuk City, Kalinga

**Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation Program – Preventive Maintenance – Tertiary Roads**

4. P00804228LZ: Malalao National Road (Agbannawag – Malalao – Bulo Section), K0514+000 – K0516+000, K0512+716 – K0513+000, K516+415 – K0520+000, Tabuk City, Kalinga
5. P00802251LZ: Rizal National Road (Liwan West – Babalag – Macutay Sect), K0522+(-569) – K0522+(-092.871), Rizal, Kalinga

Forwarded herewith are the results of the evaluation for the above-mentioned requests, which was resubmitted to this Office per Memorandum dated June 7, 2024 (**Annex "A"**).

The requested amount of **P517,139,000.00** (inclusive of EAO) for the five (5) asphalt overlay projects was reduced to **P513,962,380.54** (inclusive of EAO) due to corrections made on the utilization of manpower, rental rate of equipment and utilization of material component. Likewise, the items of work involved and corresponding quantities were based

on the approved Program of Works (POW), Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District Engineer, DPWH - Lower Kalinga District Engineering Office.

## PROJECT NO.1

The requested amount of **P80,139,000.00** (inclusive of EAO) for the 6.884 lane kilometer of Balbalan – Pinukpuk Rd – K0516+200 – K0518+939, K0519+053 – K0519+759, Pinukpuk, Kalinga, as submitted, was reduced to **P77,625,407.10** (inclusive of EAO) due to the corrections made on the productivity output, manpower components, rental rate of equipment and material component. Likewise, the items of work involved and corresponding quantities were based on the approved Program of Works (POW), Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District Engineer, DPWH - Lower Kalinga District Engineering Office.

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 249,616.23	0.33%
Part C	Earthworks	P 24,712.67	0.03%
Part D	Subbase and Base Course	P 12,240.42	0.02%
Part E	Surface Course	P 72,644,932.74	96.98%
Part G	Drainage and Slope Protection Structures	P 1,977,015.79	2.64%
<b>Grand Total</b>		<b>P 74,908,517.85</b>	<b>100.00%</b>

Cost per lane kilometer =  $\frac{P72,644,932.74}{6.884 \text{ lane km}} = \mathbf{P10,552,721.20 / \text{lane km}}$   
Of Asphalt Overlay  
(Part E only)

The estimated cost of **P10,552,721.20** per lane kilometer is due to the design requirements as reflected in the Approved Detailed Engineering Design Plan for the asphalt overlay, which involves the provision of 0.28 meter thick reblocking of concrete pavement, Bituminous Concrete Surface Wearing Course, Hot-Laid; 50mm thick and Emulsified Asphalt, which accounts to **96.98%** of the total project cost, aggregate subbase course, and reflectorized thermoplastic pavement markings, coupled with recent price escalation and hauling of construction materials at 127.26 km away from the project. Hence, the evaluated cost is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.



## PROJECT NO.2

The requested amount of **P125,000,000.00** (inclusive of EAO) for the 6.93154 lane kilometer of Bulanao – Paracelis Rd, K0508+645 – K0513+1105, Tabuk City, Kalinga, as submitted, was reduced to **P124,800,928.42** (inclusive of EAO) due to the corrections made on the productivity output, manpower components, rental rate of equipment and material component. Likewise, the items of work involved and corresponding quantities were based on the approved Program of Works (POW), Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District Engineer, DPWH - Lower Kalinga District Engineering Office.

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 463,361.06	0.38%
Part C	Earthworks	P 806,993.70	0.67%
Part D	Base and Subbase Course	P 563,239.62	0.47%
Part E	Surface Course	P 72,735,474.07	60.40%
Part H	Miscellaneous Structures	P 45,863,827.48	38.08%
<b>Grand Total</b>		<b>P 120,432,895.93</b>	<b>100.00%</b>

Cost per lane kilometer =  $\frac{P\ 72,735,474.07}{6.93154\ \text{lane km}} = \mathbf{P10,493,407.54 / \text{lane km}}$   
 Of Asphalt Overlay  
 (Part E only)

The estimated cost of **P10,493,407.54** per lane kilometer is due to the design requirements as reflected in the Approved Detailed Engineering Design Plan for the asphalt overlay, which involves the provision of 0.28 meter thick reblocking of concrete pavement, Bituminous Concrete Surface Wearing Course, Hot-Laid; 50mm thick and Emulsified Asphalt, which accounts to **60.40%** of the total project cost, aggregate subbase course, and miscellaneous structures such as reflectorized thermoplastic pavement markings and solar LED street light which accounts to **38.08%** of the total project cost, coupled with recent price escalation and hauling of construction materials at 127.26 km away from the project. Hence, the evaluated cost is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

## PROJECT NO.3

The requested amount of **P150,000,000.00** (inclusive of EAO) for the 8.13557 lane kilometer of Mt. Province Bdry – Calanan – Pinukpuk – Abbut Rd (Calanan – Pinukpuk Section) K0512+000 – K513+398, K0514+000 – K515+000, K0515+265 – K0518+000, Tabuk City,



Kalinga, as submitted, was reduced to **P149,723,434.31** (inclusive of EAO) due to the corrections made on the productivity output, manpower components, equipment components, and material component. Likewise, the items of work involved and corresponding quantities were based on the approved Program of Works (POW), Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District Engineer, DPWH - Lower Kalinga District Engineering Office.

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 358,459.29	0.25%
Part C	Earthworks	P 994,976.43	0.69%
Part D	Base and Subbase Course	P 590,310.74	0.41%
Part E	Surface Course	P 84,257,886.91	58.31%
Part H	Miscellaneous Structures	P 58,281,480.74	40.34%
<b>Grand Total</b>		<b>P 144,483,114.11</b>	<b>100.00%</b>

Cost per lane kilometer =  $\frac{P84,257,886.91}{8.13557 \text{ lane km}}$  = **P10,356,728.16 /lane km**  
Of Asphalt Overlay  
(Part E only)

The estimated cost of **P10,356,728.16** per lane kilometer is due to the design requirements as reflected in the Approved Detailed Engineering Design Plan for the asphalt overlay, which involves the provision of 0.28 meter thick reblocking of concrete pavement, Bituminous Concrete Surface Wearing Course, Hot-Laid; 50mm thick and Emulsified Asphalt, which accounts to **58.31%** of the total project cost, aggregate subbase course, and miscellaneous structures such as reflectorized thermoplastic pavement markings and solar LED street light which accounts to **40.34%** of the total project cost, coupled with recent price escalation and hauling of construction materials at 122.26 km away from the project. Hence, the evaluated cost is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

## PROJECT NO.4

The requested amount of **P150,000,000.00** (inclusive of EAO) for the 8.03063 lane kilometer of Malalao Nat'l Rd (Agbannawag – Malalao – Bulu Sect) Road, K0514+000 – K0516+000, K0512+716 – K0513+000, K516+415 – K0520+000, Tabuk City, Kalinga as submitted, was reduced to **P149,844,012.31** (inclusive of EAO) due to the corrections made on the productivity output, manpower components, and material component. Likewise, the items of work and corresponding quantities were based on the approved Program of Works



(POW), Detailed Engineering Design Plan, and pertinent documents, duly approved by the District Engineer, DPWH Lower Kalinga District Engineering Office.

## SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 429,404.25	0.30%
Part C	Earthworks	P 1,323,187.20	0.92%
Part D	Base and Subbase Course	P 423,784.73	0.29%
Part E	Surface Course	P 85,521,822.13	59.14%
Part H	Miscellaneous Structures	P 56,901,273.57	39.35%
<b>Grand Total</b>		<b>P 144,599,471.88</b>	<b>100.00%</b>

Cost per lane kilometer =  $\frac{P85,521,822.13}{8.03063 \text{ lane km}}$  = **P10,649,453.67 /lane km**  
 Of Asphalt Overlay  
 (Part E only)

The estimated cost of **P10,649,453.67** per lane kilometer is due to the design requirements as reflected in the Approved Detailed Engineering Design Plan for the asphalt overlay, which involves the provision of 0.28 meter thick reblocking of concrete pavement, Bituminous Concrete Surface Wearing Course, Hot-Laid; 50mm thick and Emulsified Asphalt, which accounts to **59.14%** of the total project cost, aggregate subbase course, and miscellaneous structures such as reflectorized thermoplastic pavement markings and solar LED street light which accounts to **39.35%** of the total project cost, coupled with recent price escalation and hauling of construction materials at 127.22 km away from the project. Hence, the evaluated cost is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

## PROJECT NO.5

The requested amount of **P12,000,000.00** (inclusive of EAO) for the 0.9262 lane kilometer of Rizal Nat'l Rd (Liwan West – Babalag – Macutay Sect) – K0522+(-569) – K0522+(-092.871), Rizal, Kalinga as submitted, was reduced to **P11,968,598.40** (inclusive of EAO) due to the corrections made on the productivity output, manpower components, and material component. Likewise, the items of work and corresponding quantities were based on the approved Program of Works (POW), Detailed Engineering Design Plan, and other pertinent documents, duly approved by the District - Engineer, DPWH Lower Kalinga District Engineering Office.



## SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 146,857.40	1.24%
Part C	Earthworks	P 248,923.62	2.13%
Part D	Base and Subbase Course	P 42,914.00	0.37%
Part E	Surface Course	P 11,057,835.86	94.28%
Part H	Miscellaneous Structures	P 232,695.55	1.98%
<b>Grand Total</b>		<b>P 11,729,226.43</b>	<b>100.00%</b>

Cost per lane kilometer =  $\frac{P11,057,835.56}{0.9262 \text{ lane km}}$  = **P11,938,928.81 /lane km**  
 Of Asphalt Overlay  
 (Part E only)

The estimated cost of **P11,938,928.81** per lane kilometer is due to the design requirements as reflected in the Approved Detailed Engineering Design Plan for the asphalt overlay, which involves the provision of 0.28 meter thick reblocking of concrete pavement, Bituminous Concrete Surface Wearing Course, Hot-Laid; 50mm thick and Emulsified Asphalt, which accounts to **94.28%** of the total project cost, aggregate subbase course, and miscellaneous structures such as reflectorized thermoplastic pavement markings and internally illuminated (solar) pavement levelled marker/stud flush type-bi-directional, coupled with recent price escalation and hauling of construction materials at 107.00 km away from the project. Hence, the evaluated cost is considered reasonable as the Unit Costs of the items of work involved are within the range of the prevailing cost of the Department.

**ALLAN S. BORRAMEO, CESO III**  
 Director, Bureau of Construction

CC: Undersecretary ADOR G. CANLAS, CESO IV, for Technical Services and Information Management Service (IMS)  
 Assistant Secretary REY PETER B. GILLE, D.M., For Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII  
 Regional Director KHADAFFY D. TANGGOL, DPWH-Cordillera Administrative Region

6.1.1. RIC|CBC|JTS|MIP  
 06202024\_with PID-Modification-CAR-LKDEO  
 Ref. 6.1-143-7591/DoTs No.6.1.1-428-02





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**LOWER KALINGA DISTRICT ENGINEERING OFFICE**  
Bulanao, Tabuk City, Kalinga, Cordillera Administrative Region



June 7, 2024

**MEMORANDUM**



DPWH-LKDEO, HRAS RMU
Code No. <u>920-1</u>
Ref No. <u>114-621</u>
Date: <u>6-7-2024</u>

**FOR : ALLAN S. BORROMEO, CESO III**  
Director IV, Bureau of Construction

**SUBJECT : Submission of Request for Modification of the Project:**

- 1. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads –** Balbalan – Pinukpuk Rd – K0516+200 – K0518+939, K0519+053 – K0522+759
- 2. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads –** Bulanao – Paracelis Rd – K0508+645 – K0513+1105
- 3. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Secondary Roads –** Mt. Province Bdry – Calanan – Pinukpuk – Abbut Rd (Calanan – Pinukpuk Section) K0512+000 – K0513+398, K0514+000 – K0515+000, K0515+265 – K0518+000, Tabuk City, Kalinga
- 4. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads –** Malalao Nat'l Rd (Agbannawag – Malalao – Bulu Sect), K0514+000 – K0516+000, K0512+716 – K0513+000, K0516+415 – K0520+000, Tabuk City, Kalinga
- 5. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads –** Rizal Nat'l Rd (Liwang West – Babalag – Macutay Sect) K0522+(-569) – K0522+(-092.871)
- 6. CONVERGENCE AND SPECIAL SUPPORT PROGRAM-Sustainable Infrastructure Projects Alleviating Gaps (SIPAG)-SIPAG-Access Roads and/or Bridges from the National Road/s leading to Major/ Strategic Public Buildings/ Facilities-Construction of Banagao-Mangali Road, Tanudan, Kalinga**

Respectfully submitting the request for modification of the above-mentioned projects, which was returned and retrieved by this Office. Attached herewith are the lacking documents and requirements that correspond with the noted comments.

Very truly yours,

  
**RUBY A. UYAM**  
District Engineer  
CAR.15.1 AMGG/ABN/EM/E/MPM

Website: [www.dpwh.gov.ph](http://www.dpwh.gov.ph)  
Tel. No(s).: (074) 627 5494







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



May 20, 2024

MEMORANDUM



**TO :** District Engineer RUBY A. UYAM  
DPWH-Lower Kalinga District Engineering Office  
Bulanao, Tabuk City, Kalinga, Cordillera Administrative Region

**SUBJECT :** Request for Modification of the Project:

- 1. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads** – Balbalan – Pinukpuk Rd – K0516+200 – K0518+939, K0519+053 – K0522+759
- 2. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads** – Bulanao – Paracelis Rd, K0508+645 – K0513+1105
- 3. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Secondary Roads** – Mt. Province Bdry – Calanan – Pinukpuk – Abbut Rd (Calanan – Pinukpuk Section) K0512+000 – K513+398, K0514+000 -k515+000, K0515+265 – K0518+000, Tabuk City, Kalinga
- 4. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads** – Malalao Nat'l Rd (Agbannawag – Malalao – Bulo Sect) Road, K0514+000 – K0516+000, K0512+716 – K0513+000, K516+415 – K0520+000, Tabuk City, Kalinga
- 5. Organizational Outcome 1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance Tertiary Roads** – Rizal Nat'l Rd (Liwana West – Babalag – Macutay Sect) – K0522+(-569) – K0522+(-092.871)

Returned herewith are the request for modification of the above-mentioned project, which was referred to this Office for review/evaluation.

In order to facilitate the review/evaluation of the said request, please submit the following lacking documents and comply with the noted comments, to wit:

1. Copy of the approved original Program of Works (POW), Approved Budget for the Contract (ABC), Detailed Unit Price Analysis (DUPA) and Detailed Engineering Design plans for the following project;



- Proj. No.1 **13.66 lane kilometers to 6.884 lane kilometers** physical target;  
Proj. No.2 **21.768 lane kilometers to 6.93154 lane kilometers** physical target;  
Proj. No.3 **15.204 lane kilometers to 8.13557 lane kilometers** physical target;  
Proj. No.4 **27.214 lane kilometers to 8.03063 lane kilometers** physical target;  
Proj. No.5 **1.314 lane kilometers to 0.9262 lane kilometers** physical target.
2. Preparation date of POW, ABC, and DUPA to confirm the quarter and year of the utilized Construction Materials Price Data (CMPD) and Labor Rate for project no.1;
  3. Duly signed color coded Project Location Map (including Geo-tagged photos) showing the road network, District Office, Project Site, Name of Quarry Source/s reflecting the distances and stationing of the proposed project to properly evaluate the reasonableness of the unit prices of the construction materials component involved in various items of work;
  4. Duly signed Hauling Cost Analysis for items of work with additional hauling of construction materials reflecting the source/s, station limits, terrain and road conditions in order to determine the reasonableness of unit cost of materials component for each items of work involved (project 2, 3, 4 & 5);
  5. Duly signed color coded Location Map showing disposal site reflecting each distance from the project site;
  6. It was noted that the rental rates of equipment used in the project no.1 were based on DO No. 63, series of 2022, hence, submit equipment rental rates derivation based on latest fuel price & dry operated rate from ACEL linked to the Program of Works (POWs) and Detailed Unit Price Analysis (DUPA);
  7. Pursuant to the provisions of **Department Order No. 148, Series of 2023** also known as *"Guidelines for the Utilization of the Construction Materials and Equipment Rental Rates for Various Infrastructure Projects "* under item I.1.1.1 – *"In the preparation of the Programs of Works (POW)/Approved Budgets for the Contract (ABC)/Detailed Unit Price Analysis (DUPA) for the infrastructure projects, all Implementing Offices (IOs) shall strictly utilize the prices reflected in the approved RCMPD. Utilizing material prices different from the approved RCMPD shall not be allowed."*;
  8. Duly signed/approved Canvass/Price Quotations for a minimum of three (3) accredited suppliers for the materials used in the project not included in the RCMPD (Diamond Core Bit DD-B 122mm/430mm+UCL, Connection End BI-I for project no.5; GISL-310 watts smart LED Solar Streetlight and Tapered Lamp Post with base Plate 8m for project nos. 4,3,2) delivered at site; and

9. Provide a copy of the electronic file (i.e., excel file), which should include the POW, ABC, and DUPA of the aforementioned project and must be linked together to facilitate the conduct of review/evaluation and application of corrections.



**ALLAN S. BORRROMEO, CESO III**  
Director, Bureau of Construction

Cc: Undersecretary EUGENIO R. PIPO, JR. For Regional Operations in CAR, I, II, IX, X, XI, XII and XIII  
Undersecretary ADOR G. CANLAS For Technical Services and Information Management Service (IMS)  
Assistant Secretary REY PETER B. GILLE For Regional Operations in CAR, I, II, IX, X, XI, XII and XIII

6.1.1 RIC/CBC/JTS  
05202024-CAR-LKDEO-Modification-5 Project  
Ref.No.6.1-444-6124/DoTs 6.1.1-330-01





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



May 07, 2024

MEMORANDUM

TO : **ALLAN S. BORROMEO**  
Director, Bureau of Construction  
This Department



Referred herewith for evaluation, comments, and/or recommendation are the Memoranda dated April 15, 2024 and April 16, 2024 of **DPWH-Cordillera Administrative Region (CAR) Director KHADAFFY D. TANGGOL** endorsing the requests of **District Engineer RUBY A. UYAM**, Lower Kalinga District Engineering Office for the project modification of the hereunder projects covered by FY2024 Annual Infrastructure Program, Based on General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310103101370000 Project ID: P00802254LZ  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads  Balbalan-Pinukpuk Rd - K0516 + 200 - K0518 + 939, K0519 + 053 - K0522 + 1128			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads  Balbalan-Pinukpuk Rd - K0516 + 200 - K0518 + 939, K0519 + 053 - <b>K0522 + 759</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 13.66 Lane Kilometers	₱ 5,661,356.88/ Lane Kilometers	₱ 77,334,135.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / <b>6.884</b> Lane Kilometers	₱ <b>11,233,895.26/</b> Lane Kilometers	₱ 77,334,135.00
EAO	—	₱ 2,804,865.00	EAO	—	₱ 2,804,865.00
Total:		₱ <b>80,139,000.00</b>	Total:		₱ <b>80,139,000.00</b>

As per GAA/Original			As Modified		
Project Description					
UACS No. 310103101367000 Project ID: P00804227LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads		
Bulanao-Paracelis Rd, K0508 + 645 - K0513 + 1105			Bulanao-Paracelis Rd, K0508 + 645 - K0513 + 1105		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 21.768 Lane Kilometers	₱ 5,541,391.03/ Lane Kilometers	₱ 120,625,000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / 6.93154 Lane Kilometers	₱ 17,402,337.72/ Lane Kilometers	₱ 120,625,000.00
EAO	—	₱ 4,375,000.00	EAO	—	₱ 4,375,000.00
Total:		₱ 125,000,000.00	Total:		₱ 125,000,000.00




As per GAA/Original			As Modified		
Project Description					
UACS No. 310102101470000 Project ID: P00804225LZ  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Secondary Roads  Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Calanan-Pinukpuk Sect), K0512+000- K0513+398, K0514+000- K0515+000, K0515+265-K0518+000, Tabuk City, Kalinga			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Secondary Roads  Mt Province Bdry-Calanan-Pinukpuk-Abbut Rd (Calanan-Pinukpuk Sect), K0512+000- K0513+398, K0514+000- K0515+000, K0515+265-K0518+000, Tabuk City, Kalinga		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 15.204 Lane Kilometers	₱ 9,520,520.92/ Lane Kilometers	₱ 144,750,000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / 8.13557 Lane Kilometers	₱ 17,792,238.28/ Lane Kilometers	₱ 144,750,000.00
EAO	—	₱ 5,250,000.00	EAO	—	₱ 5,250,000.00
Total:		₱ 150,000,000.00	Total:		₱ 150,000,000.00

As per GAA/Original			As Modified		
Project Description					
UACS No. 310103101368000 Project ID: P00804228LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads		
Malalao Nat'l RD (Agbannawag-Malalao-Bulo Sect) Road, K0514 + 000 -K0056 + 000, K0512 + 716 - K0513 + 000, K0516 + 415 - K0520 + 000, Tabuk City, Kalinga			Malalao Nat'l RD (Agbannawag-Malalao-Bulo Sect) Road, K0514 + 000 - <b>K0516</b> + 000, K0512 + 716 - K0513 + 000, K0516 + 415 - K0520 + 000, Tabuk City, Kalinga		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 27.214 Lane Kilometers	₱ 5,318,953.48/ Lane Kilometers	₱ 144,750,000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / <b>8.03063</b> Lane Kilometers	₱ <b>18,024,737.79</b> / Lane Kilometers	₱ 144,750,000.00
EAO	—	₱ 5,250,000.00	EAO	—	₱ 5,250,000.00
Total:		₱ 150,000,000.00	Total:		₱ 150,000,000.00



As per GAA/Original			As Modified		
Project Description					
UACS No. 310103101522000 Project ID: P00802251LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Roads		
Rizal Natl Rd (Liwan West-Babalag-Macutay Sect) - K0522 + (-569) - K0522 + 088			Rizal Natl Rd (Liwan West-Babalag-Macutay Sect) - K0522 + (-569) - <b>K0522 + (-092.871)</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay/ 1.314 Lane Kilometers	₱ 8,949,771.00/ Lane Kilometers	₱ 11,760,000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / <b>0.9262</b> Lane Kilometers	₱ <b>12,697,041.68/</b> Lane Kilometers	₱ 11,760,000.00
EAO	—	₱ 240,000.00	EAO	—	₱ 240,000.00
Total:		₱ 12,000,000.00	Total:		₱ 12,000,000.00

Attached for reference are the pertinent documents to support the request.

  
**EUGENIO R. PIHO, JR.**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII and XIII

2.3 aap/AVS/RPBG/ERP





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



June 19, 2024

**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 Modification of the Project: Organizational Outcome 1:  
Ensure Safe and reliable National Road System - Asset  
Preservation - Preventive Maintenance - Tertiary Road - Balbalan-  
Pinukpuk Road - K0516+200 - K0518+939, K0519+053 - K0522 +  
1128**

We are respectfully forwarding the Memorandum dated June 18, 2024 from District Engineer Ruby A. Uyam, Lower Kalinga District Engineering Office, regarding the modification of the above project in the amount of **Eighty Million One Hundred Thirty-Nine Thousand Pesos (Php 80,139,000.00)** as indicated below:

	FROM	TO
P00802254LZ		
	Organizational Outcome 1: Ensure Safe and reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Road  Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053 - K0522 + 1128	Organizational Outcome 1: Ensure Safe and reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Road  Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053 - K0520 + 263.065
Type of work	CW1: Preventive Maintenance of Road: Asphalt Overlay	CW1: Preventive Maintenance of Road: Asphalt Overlay
Physical Target	CW1 – <b>13.660</b> Lane Kilometer	CW1 – <b>7.92213</b> Lane Kilometers
Allocation	CW1 – Php 77,334,135.00 EAO – Php 2,804,865.00	CW1 – <b>Php 77,334,135.00</b> EAO – Php 2,804,865.00





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



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

For the consideration of the Secretary.

  
**KHADAFFY D. TANGGOL**  
Regional Director

CAR.1 RBP/EFD/JWC/ABM



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**LOWER KALINGA DISTRICT ENGINEERING OFFICE**  
Bulanao, Tabuk City, Kalinga, Cordillera Administrative Region



June 18, 2024

**MEMORANDUM**

**FOR : KHADAFFY D. TANGGOL**  
Regional Director

**THRU : ARNOLD O. DACWAG**  
OIC-Chief, Planning & Design Division

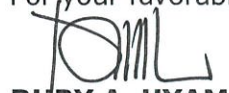
**SUBJECT : Modification CY 2024 GAA – Organizational Outcome 1: Ensure Safe and reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Road - Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053 - K0522 + 1128 , under the FY 2024 General Appropriations Act**

May we submit for review and evaluation the Modification of the project stated below:

FROM	TO
Organizational Outcome 1: Ensure Safe and reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Road	Organizational Outcome 1: Ensure Safe and reliable National Road System - Asset Preservation - Preventive Maintenance - Tertiary Road
Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053 - <b>K0522 + 1128</b>	Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053 - <b>K0520 + 263.065</b>
Physical Target: <b>13.660</b> Lane Kilometer Amount : ₱ 80,139,000.00	Physical Target: <b>7.92213</b> Lane Kilometer Amount : ₱ 80,139,000.00

Attached are all Supporting documents based on D.O No. 23, series of 2023 for your ready reference.

For your favorable consideration.

  
**RUBY A. UYAM**  
District Engineer

CAR 15.1 AMGG/ABN/EMJE



# Modification Request Form

DPWH-QMSP-03-01 Rev 01

## A. GENERAL

### 1. REGION

Cordillera Administrative Region

### 2. DEO

Lower Kalinga District Engineering Office

### 3. LEGISLATIVE DISTRICT

Kalinga Lone District

## B. ORIGINAL PROJECT

## C. PROPOSED REVISED PROJECT

### 4. UACS (Unified Account Code Structure as defined in GAA)

310103101370000

### 5. Project Id

P00802254LZ

### 6. Project Category

OO1: Ensure Safe and Reliable National Road System

### 7. Sub-Program (P/A/P)

Asset Preservation - Preventive Maintenance - Tertiary Roads

### 8. Operating Unit

Lower Kalinga District Engineering Office

### 18. Operating Unit (Change subject to DBM approval)

Lower Kalinga District Engineering Office

### 9. Type of Work (Enter Details for all Components below)

#### Component ID

#### Type of Work

CW1

Preventive Maintenance of Road:  
Asphalt Overlay

### 19. Type of Work (Enter Details for all Components below)

#### Component ID

#### Type of Work

CW1

Preventive Maintenance of Road:  
Asphalt Overlay

### 10. PROJECT DESCRIPTION (as recorded in GAA)

Balbalan-Pinukpuk Road - K0516+200 - K0518+939,  
K0519+053-K0522 + 1128

### 20. PROJECT DESCRIPTION (of the revised project)

Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053-  
K0520+263.065

### 11. ALLOTMENT (P'000) (as recorded in GAA)

80,139

### 21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)

80,139

### 22. CAF (To be obtained from Financial Management office)

☒ YES

### 12. PHYSICAL TARGET (Enter Details for all Components below)

#### Component ID

#### Target

#### Target Unit

CW1

13.666

Lane Km

### 23. PHYSICAL TARGET (Enter Details for all Components below)

#### Component ID

#### Target

#### Target Unit

CW1

7.92213

Lineal Meters (lm)

### 13. UNIT COST (Enter Details for all Components below)

#### Component ID

#### Component Cost (P'000)

#### Target Unit Cost (P'000/Target Unit)

CW1

77,334.135

5,658.87123

#### Component ID

#### Component Cost (P'000)

#### Target Unit Cost (P'000/Target Unit)

CW1

77,334.135

9,761.78566

EAO

2,804.865

EAO

2,804.865

## Modification Request Form

### 14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)

Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053-K0522 + 1128

Start X 121.36669 End X 121.36710

Start Y 17.576920 End Y 17.577130

### 15. ROAD CLASSIFICATION (if applicable)

Tertiary

### 16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)

Lower Kalinga District Engineering Office

### 17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

28/02/2024

Planned End Date

01/07/2024

### 25. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1)

Balbalan-Pinukpuk Road - K0516+200 - K0518+939, K0519+053-K0520+263.065

Start X 121.37947 End X 121.38296

Start Y 17.58160 End Y 17.61181

### 26. ROAD CLASSIFICATION (if applicable)

Tertiary

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

Lower Kalinga District Engineering Office

### 28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

06/05/2024

Planned End Date

09/10/2024

### 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)

Decrease in physical target for CW1 – Preventive Maintenance of Road: Asphalt Overlay from 13.66 Lane Kilometers to 7.92213 Lane kilometers due to the following:

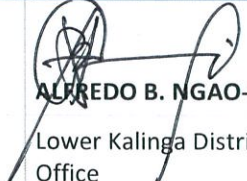
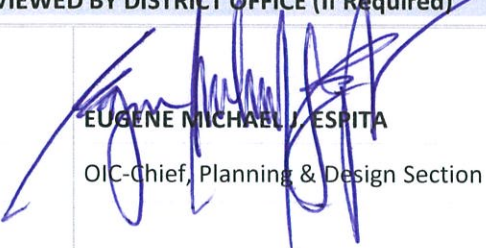

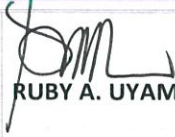

- The decrease in the physical target/increase in the unit cost is due to the unit price escalation and Pavement Reblocking
- The asphalt overlay project is 50mm thick which includes Thermoplastic Pavement Marking and Portland Cement Concrete Pavement.
- The change in station limits to synchronize with the Physical Target. See attached Straight Line Diagram.
- The Items of Work involved in the Program of Work (POW) are based from the results of the Evaluation of the Bureau of Construction dated July 3, 2024. See attached Report. It is indicated in the report that the requested amount was reduced from P 80,139,000.00 (inclusive of EAO) to P 77,625,407.10 (inclusive of EAO), having an excess of P 2,513,592.90. Thus, to maximize the utilization of the project allocation, the physical target was increased from 6.884 Lane Kilometers to 7.92213 Lane Kilometers.

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, GIS Map, Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief), Certification of Right-of-Way Clearance (Certified by the District Engineer), Environmental Clearances (Not Within a "No Build Zone" and CNC/ECC) and Certificate of Reasonableness.


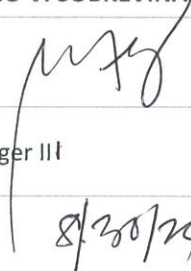


### 33. PHOTOS SUBMITTED

☐ NO ☒ YES



35. PREPARED BY:			
<b>Name:</b>  <b>ALFREDO B. NGAO-I</b> <b>Office:</b> Lower Kalinga District Engineering Office <b>Date:</b>		<b>Position:</b> Engineer II <b>Date:</b>	
36. REVIEWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE	
<b>Name:</b>  <b>EUGENE MICHAEL J. ESPITA</b> <b>Position:</b> OIC-Chief, Planning & Design Section <b>Date:</b>		<b>Name:</b>  <b>ANGELITA B. MABITAZAN</b> <b>Position:</b> Chief, Planning and Design Division <b>Date:</b>	
37. RECOMMENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE	
<b>Name:</b>  <b>RUBY A. UYAM</b> <b>Position:</b> District Engineer <b>Date:</b>		<b>Name:</b>  <b>KHADAFFY D. TANGGOL</b> <b>Position:</b> Regional Director <b>Date:</b>	

# Modification Request Form

<b>UACS</b> (Unified Account Code Structure as defined in GAA)				
320101111736000				
<b>Project Id</b>				
P00820753LZ				
<b>40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS</b>				
<b>Primary Reason for Request (based on Category of Modification): (choose one)</b>				
<b>Category A</b>	<b>Category B</b>	<b>Category C</b>	<b>Category D</b>	<b>Impact</b>
<input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Addition/Deletion of Words	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost
<b>Reviewed by Office of the Undersecretary for Operations</b>				
<b>Name:</b>	Engr. MANUEL L. SINGSON		Engr. ANTONIO V. SOBREVINAS, JR.	
<b>Signature</b>				
<b>Position:</b>	Project Manager I		Project Manager III	
<b>Date:</b>	8/30/24		8/30/24	
<b>41. DPWH PLANNING SERVICE</b>				
<b>Category of Modification</b> (please check the appropriate)		<input type="checkbox"/> Category A – Typographical Error; Addition/Deletion of Words <input checked="" type="checkbox"/> Category B – Change in Station Limits; Change in Target <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Modification does not comply with as per GAA Provisions		
<b>Reviewed by Planning Service*</b>				
<b>Name:</b>	ANNA ANDREA M. NOCHE		<b>Name:</b>	PETER PAUL R. CORTEZ
<b>Signature</b>			<b>Signature:</b>	
<b>Position:</b>	Regional Coordinator		<b>Position:</b>	OIC-Chief of Programming Division
<b>Date:</b>	9/27/24		<b>Date:</b>	

\*Please refer to the Request Evaluation Form (DPWH-QMSP-03-02 Rev 01) for the complete details of evaluation



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
P00802254LZ - CW1	S00537LZ	K0516 + 200	K0518 + 939	21215	23951	2736	Preventive Maintenance of Road: Asphalt Overlay	Asphalt Overlay 50mm with Correction, PCCP, Aggregate Subbase Course, Pavement Markings	Lane Kilometer	5472
		K0519 + 053	K0520 + 263.065	24115	25340.065	1225				2450