



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



July 22, 2024

MEMORANDUM

TO : **KHADAFFY D. TANGGOL**
Regional Director
DPWH-Cordillera Administrative Region (CAR)
Engineer's Hill, Baguio City

ATTENTION : **ISAGANI C. CAYME**
District Engineer
Benguet 1st District Engineering Office
Wangal, La Trinidad, Benguet, CAR

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

1. CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 - *Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet* - - - - - **P125,000,000.00.**

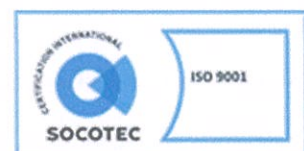
Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


REY PETER B. GILLE. D.M.

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

2.3 aap/AVS/RPBG/ERP

Website: <https://www.dpwh.gov.ph>
Tel. No(s): 5304-3000 / (02) 165-02



Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation: 06/26/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
CONVERGENCE AND SPECIAL SUPPORT PROGRAM	UACS:	300214100647000
P/A/P 2 (Program):	Project ID:	P00841875LZ
Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 1st District Engineering Office
-	Appropriation (Php):	125,000,000

Name of Project per GAA:

Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet

Implementing Office
A Justification for
Modification:

- The significant increase in unit cost was due to the change in safety measures used. The revised physical target reflects the total number of units of roadway lighting to be installed at the entire road line.
- Pavement Markings are no longer needed since the roadline has existing pavement markings and solar studs. This Project is composed only of Single Arm Solar LED Roadway Lighting and Chevron signs.
- Various road sections are considered accident-prone areas due to the steep road and zigzag alignment which can be very dangerous to the motorists. Single Arm Solar LED Roadway Lightings and Chevron Signs will be placed in these areas as an additional safety precaution especially at night.

A.1 ☒ Certificate of Reasonableness of Cost Estimateapproved by: RD Khadaffy D. Tanggol dated: May 08, 2024**B. PER PLANNING SERVICE EVALUATION**B.1 ☐ PROJECT MODIFICATION ON PROJECT DESCRIPTIONB.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/sB.2 ☒ PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTSB.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

DPWH - OSEC
RECEIVED
JUL 18 2024
By: _____ Time: _____
Control No. 24-1952
IDTS No. 11069

C. RESULTANT AFTER MODIFICATIONC.1 ☐ Additional Project Component/sC.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Road Safety: Pavement Markings	Road Safety: Roadway Lighting	5,514.0 lineal meters	535.0 No. of Units	-	-
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATEDD.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA ProvisionsD.3 Remarks (to be filled-up by Planning Service):

- High increase in unit cost due to change in scope of work and change in units of the target (from lineal meter to no. of units)
- Unit Cost is Considered reasonable evaluated and are within the range of the prevailing cost of the Department per memorandum dated 11 June 2024 of Director Borromeo, Bureau of Construction

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 GAAE.1 ☒ SecretaryE.2 ☐ Undersecretary for Operations
☒ Recommended for Approval
☐ Remarks: _____
MARIA CATALINA E. CABRAL, CESO I, Ph.D.

Undersecretary for Planning and PPP Services



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



June 13, 2024

MEMORANDUM

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

This refers to the memorandum dated May 23, 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ISAGANI C. CAYME, Benguet 1st District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300214100647000. Project ID: P00841875LZ. CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 . Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet .			CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 . Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Safety: Pavement Markings / 5,514.00 ln.m. .	₱ 21,876.13/ ln.m..	₱ 120,625,000.00	CW1- Road Safety: Roadway Lighting / 535 Number of Units.	₱ 225,467.2897/ unit .	₱ 120,625,000.00 .
EAO	—	₱ 4,375,000.00 .	EAO	—	₱ 4,375,000.00 .
Total:		₱125,000,000.00 .	Total:		₱ 125,000,000.00

Justification:

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

- The significant increase in unit cost was due to the change in safety measures used. The revised physical target reflects the total number of units of roadway lighting to be installed at the entire road line.
- Pavement Markings are no longer needed since the roadline has existing pavement markings and solar studs. This project is composed only of Single Arm Solar LED Roadway Lighting and Chevron signs.
- Various sections were considered to be accident-prone areas due to the steep road and zigzag alignment which can be very dangerous to the motorists. Single Arm Solar LED Roadway Lightings and Chevron signs will be placed in these areas as an additional safety precaution, especially at night.
- Road safety lighting is one of the most suitable item under MVUC to be installed on-site for it will serve as an additional guide for the motorists along the road especially at night.
- The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated June 11, 2024.

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).

[Handwritten signature]

AG-00-202406-02286

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. PIRO, JR.

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

APPROVED/~~DISAPPROVED~~:



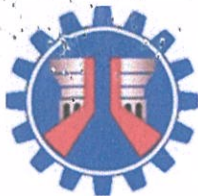
MANUEL M. BONOAN
Secretary

2.3 aap/AVS/RPBG/ERP

Department of Public Works and Highways
Office of the Secretary



WIN4E03584



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



June 11, 2024

MEMORANDUM

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

**SUBJECT : Request for the Approval of Modification of Projects under FY 2024
GAA: Convergence and Special Support Program – Special Road
Fund – Motor Vehicle User's Charge (MVUC) as per R.A. 11239**

1. **P00841875LZ**: Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) – K0266+403, La Trinidad, Benguet
2. **P00841874LZ**: Installation of Road Safety Devices along Pico-Lamtang Road, K0255+(-555) – K0261+1965, La Trinidad, Benguet

Forwarded herewith are the results of the evaluation for the above-mentioned request.

PROJECT NO. 1:

The requested amount of **P125,000,000.00** (inclusive of EAO) for the **535 units** of installation of road safety devices along Shilan-Beckel Road, K0261+(-392) – K0266+403, La Trinidad, Benguet, may be considered reasonable as evaluated, subject to updating of cost/price prior to bidding based on the items of work involved and its 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 – Benguet 1st District Engineering Office.

SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 252,109.92	0.21%
Part C	Earthwork	P 388,566.65	0.32%
Part G	Drainage and Slope Protection Structures	P 4,594,488.33	3.81%
Part H	Miscellaneous Structures	P 115,389,835.10	95.66%
GRAND TOTAL		P 120,625,000.00	100.00%

Cost per unit of Road
Safety Devices
(Excluding Part B)

$$= \frac{P120,372,890.08}{535 \text{ units}} = \mathbf{P224,996.06/ \text{ unit}}$$

The estimated cost of **P224,996.06/ unit** is attributed to the design requirements outlined in the approved plans, encompassing items of work from Parts C, G, and H. This cost per unit is composed of installing single arm solar LED roadway lighting and chevron signs that are placed on various accident-prone sections due to steep road and zigzag alignment, which accounts to **0.32%, 3.81%, and 95.66%**, respectively of the total project cost. Hence, it 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 **526 units** of installation of road safety devices along Pico-Lamtang Road, K0255+(-555) - K0261+1965, La Trinidad, Benguet, may be considered reasonable as evaluated, subject to updating of cost/price prior to bidding based on the items of work involved and its 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 – Benguet 1st District Engineering Office.

SCOPE OF WORK

ITEM NO.	DESCRIPTION	AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	P 267,275.13	0.22%
Part C	Earthwork	P 440,818.28	0.37%
Part G	Drainage and Slope Protection Structures	P 4,335,529.84	3.59%
Part H	Miscellaneous Structures	P 115,581,376.75	95.82%
GRAND TOTAL		P 120,625,000.00	100.00%

$$\begin{array}{l} \text{Cost per unit of Road} \\ \text{Safety Devices} \\ \text{(Excluding Part B)} \end{array} = \frac{\text{P120,357,724.87}}{526 \text{ units}} = \text{P228,816.97/ unit}$$

The estimated cost of **P228,816.97/ unit** is attributed to the design requirements outlined in the approved plans, encompassing items of work from Parts C, G, and H. This cost per unit is composed of installing single arm solar LED roadway lighting and chevron signs that are placed on various accident-prone sections due to steep road and zigzag alignment, which accounts to **0.37%, 3.59%, and 95.82%**, respectively of the total project cost. Hence, it is considered reasonable as the unit costs of the items of work involved are within the range of the prevailing cost of the Department.

Further, please be informed that the prices of materials used in the DUPA not included in the CMPD were supported with canvass prices (e.g. solar street light 150W and finished hot dip galvanized with 8m solar post) provided by the Implementing Office (**Annex "A"**)



ALLAN S. BORROMEO, 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 - CAR
District Engineer ISAGANI C. CAYME, DPWH - Benguet 1st District Engineering Office

6.1.1 ECS|CBC|JTS|MIP
061124_Benguet1stDEO
Ref. Nos. 6.1-93-7279/6.1.1-398-03



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



July 09, 2024

MEMORANDUM

FOR : Undersecretary MARIA CATALINA E. CABRAL, Ph.D., CESO I
For Planning and PPP Services

**SUBJECT : Request for the Approval of Modification of Projects under FY 2024
GAA: Convergence and Special Support Program – Special Road
Fund – Motor Vehicle User's Charge (MVUC) as per R.A. 11239**
P00841875LZ: Installation of Road Safety Devices along Shilan-Beckel Road,
K0261+(-392) – K0266+403, La Trinidad, Benguet

This refers to the above-mentioned request, which was referred to this Office for review/evaluation, as per your handwritten note, "Pakicheck nga ang P225,467.00 per unit cost of lighting".

In this regard, please be informed that the aforementioned project has already been reviewed and evaluated by this Office, as detailed in the memorandum dated June 11, 2024 (**Annex "A"**). Further, the evaluation and resulting costs were based on the 1st Quarter 2024 Region Construction Materials Price Data (RCMPD) duly approved by DPWH - CAR, December 2023 Standard Labor Rates, ACEL Equipment Rental Rates 26th Edition, and applicable Construction Cost Estimation Manuals issued by the Department.


ALLAN S. BORROMEO, CESO III
Director, Bureau of Construction

cc: Undersecretary ADOR G. CANLAS, CESO IV, for Technical Services and Information Management Service (IMS)
Undersecretary EUGENIO R. PIPO, JR., For Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII
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 - CAR
District Engineer ISAGANI C. CAYME, DPWH - Benguet 1st District Engineering Office

6.1.1 ECS|CBC|JTS|MIP
070924_Memo-Usec
Ref. Nos. 6.1-8603/6.1.1-508-04



STEEL STRUCTURE &
CONSTRUCTION CORP.

PRICE QUOTATION

Date: 26-Apr-2024

Attention to: De Isagani Cayme

Dear Ma'am/Sir,

Thank you for considering us, we are pleased to provide the following quote per your request.

Qty	Unit	Item Description	Amount
1	pc	Solar Street Light 150w	129,457.00
		200K-25000K (warm white) 3000k-4500k(cool white) or 5500k-6500k daylight	
		IP65 battery long life service 3 years.	
		Finish Hot Dip Galvanized with 8m Solar Post	40,089.00
TOTAL:		169,546.00	

If you have any questions regarding this quotation, we are glad to assist you.

Kindly contact:



Ernabelle Gatbonton

0970-339-4477

ernabellegatbonton@unimaxsscc.com

UNIMAX STEEL STRUCTURE
AND CONSTRUCTION CORP.



BORLA ENTERPRISES

491-495 PHESCO BLDG., .QUEZON AVENUE , BRGY . STO DOMINGO 1, QUEZON CITY| 0916-130-5605

DATE: 26-Apr-2024

Attention to: De Isagani Cayme

Qty	Material Description	Amount
1	<u>Solar Street Light 150W</u>	
	● 200K-25000K (warm white) 3000k- 4500k(cool white) or 5500k-6500k daylight	132,921.00
	● IP65 battery long life service 3 years.	
	<u>Solar Post</u>	
	● Finish Hot Dip Galvanized with 8m Solar Post	42,203.00
TOTAL:		₱ 175,124.00

Good day , We are privileged to be given this chance to quote for your company. We are please to submit.

Kindly indicate your conformity to this agreement by signing your name on the space below and your designation in the company you represent thereof.

Conform:

Name: _____

Designation: _____

Date: _____

BORLA ENTERPRISES


VIA CHAN

Authorized Person



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



May 29, 2024

MEMORANDUM

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

Referred herewith for evaluation, comments, and/or recommendation are the Memoranda all dated May 23, 2024 of **DPWH-Cordillera Administrative Region (CAR) Director KHADAFFY D. TANGGOL** endorsing the requests of **District Engineer ISAGANI C. CAYME**, Benguet 1st 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. 300214100647000 Project ID: P00841875LZ CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet			CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Safety: Pavement Markings / 5,514.00 ln.m.	₱ 21,876.13/ ln.m.	₱ 120,625,000.00	CW1- Road Safety: Roadway Lighting / 535 Number of Units	₱ 225,467.2897/ unit	₱ 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. 300214100646000 Project ID: P008418754LZ CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 Installation of Road Safety Devices along Pico-Lamtang Road, K0256 + 000 - K0261 + 000 - K0261 + 1965, La Trinidad, Benguet			CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 Installation of Road Safety Devices along Pico-Lamtang Road, K0255 + (-555) - K0261 + 1965 , La Trinidad, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Safety: Pavement Markings / 6,928.00 ln.m.	₱ 17, 411.2298/ ln.m.	₱ 120,625,000.00	CW1- Road Safety: Roadway Lighting / 526 Units	₱ 229,325.0951/ unit	₱ 120,625,000.00
EAO	—	₱ 4,375,000.00	EAO	—	₱ 4,375,000.00
Total:		₱125,000,000.00	Total:		₱ 125,000,000.00

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



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



May 23, 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: Convergence and Special Support Program (CSSP) - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239 - Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet

We are respectfully forwarding the Memorandum dated May 22, 2024 from District Engineer Isagani C. Cayme, CESE, Benguet 1st District Engineering Office, regarding the modification of the above project in the amount of **One Hundred Twenty Five Million Pesos (Php 125,000,000.00)** as indicated below:

	FROM	TO
Project ID	P00841875LZ	
Project Title	Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet	Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet
Type of Work	CW1 – Road Safety: Pavement Markings	CW1 – Road Safety: Roadway Lighting
Physical Target	CW1 – 5,514.000 Lineal Meters	CW1 – 535.000 Number of Units
Allocation	CW1 – Php 120,625,000.00 EAO – Php 4,375,000.00	CW1 – Php 120,625,000.00 EAO – Php 4,375,000.00

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 DLBC/EFD/JWC/AOD



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET 1ST DISTRICT ENGINEERING OFFICE
Wangal, La Trinidad, Benguet, Cordillera Administrative Region



May 22, 2024

MEMORANDUM

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

ATTENTION : **ARNOLD O. DACWAG**
OIC-Chief, Planning and Design Division

SUBJECT : **Request for Modification of the CY 2024 Project:**
Installation of Road Safety Devices along Shilan-Beckel
Road, K0261+(-392) - K0266+403, La Trinidad, Benguet

Respectfully submitted is the request for modification of the above project under Convergence and Special Support Program - Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239. The proposed changes are as follows:

Particulars	FROM	TO
Project Title	Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet	Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet
Type of Work	CW1- Road Safety: Pavement Markings	CW1- Road Safety: Roadway Lighting
Physical Target	CW1: 5,514.00 ln.m.	CW1: 535.00 Number of Units
Unit Cost (excluding EAO)	CW1: ₱ 21,876.1335 / ln.m.	CW1: ₱ 225,467.2897 / Unit

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Secretary Manuel M. Bonoan dated April 04, 2024 with the subject "Supplemental Guidance on Project Modification Under the General Appropriation Act (GAA) – Ref. Department Order No. 23 Series of 2023".

For your perusal.

ISAGANI C. CAYME, CESE
District Engineer

BAR.16.1 PGD/JCPB/LBP/EGE

Modification Request Form

A. GENERAL

1. REGION

Cordillera Administrative Region (CAR)

2. DEO

Benguet 1st District Engineering Office

3. LEGISLATIVE DISTRICT

Benguet (Lone) District

B. ORIGINAL PROJECT

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

300214100647000

5. Project Id

P00841875LZ

6. Project Category

Convergence and Special Support Program

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

Special Road Fund - Motor Vehicle User's Charge (MVUC) as per R.A. 11239

8. Operating Unit

Benguet 1st District Engineering Office

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

Component ID
Type of Work

P00841875LZ-CW1

Road Safety: Pavement markings

P00841875LZ-EAO

10. PROJECT DESCRIPTION (as recorded in GAA)

Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet

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

125,000

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

Component ID
Target
Target Unit

P00841875LZ -CW1

5,514.00

 Lineal Meters
(lm)

P00841875LZ -EAO

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

Component ID
**Component Cost
(P'000)**
**Target Unit Cost
(P'000/Target Unit)**

P00841875LZ-CW1

120,625.000

21.876

P00841875LZ-EAO

4,375.000

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

CW1: Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet (S00385LZ)

Start X

End X

Start Y

End Y

15. ROAD CLASSIFICATION (if applicable)

Tertiary

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DBM approval)

Benguet 1st District Engineering Office

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

Component ID
Type of Work

P00841875LZ-CW1

Road Safety: Street Lighting

P00841875LZ-EAO

20. PROJECT DESCRIPTION (of the revised project)

Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet

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

125,000

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

☒ YES

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

Component ID
Target
Target Unit

P00841875LZ -CW1

535.00

Number of Units

P00841875LZ -EAO

24. UNIT COST (Enter Details for all Components below)

Component ID
**Component Cost
(P'000)**
**Target Unit Cost
(P'000/Target Unit)**

P00841875LZ-CW1

120,625.000

225.4673

P00841875LZ-EAO

4,375.000

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)

CW1: Installation of Road Safety Devices along Shilan-Beckel Road, K0261+(-392) - K0266+403, La Trinidad, Benguet (S00385LZ)

Start X

End X

Start Y

End Y

26. ROAD CLASSIFICATION (if applicable)

Tertiary

Modification Request Form

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet 1st District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet 1st District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date April 30, 2024	Planned End Date November 30, 2024	Planned Start Date August 07, 2024	Planned End Date April 04, 2025
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)

- The significant increase in unit cost was due to the change in safety measures used. The revised physical target reflects the total number of units of roadway lighting to be installed at the entire road line.
- Pavement Markings are no longer needed since the road line has existing pavement markings and solar studs. This project is composed only of Single Arm Solar LED Roadway Lighting and Chevron signs.
- Various sections were considered to be accident-prone areas due to the steep road and zigzag alignment which can be very dangerous to the motorists. Single Arm Solar LED Roadway Lightings and Chevron signs will be placed in these areas as an additional safety precaution, especially at night.
- Road safety lighting is one of the most suitable items under MVUC to be installed on-site for it will serve as an additional guide for the motorists along the road especially at night.
- The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated June 11, 2024.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, Latest Road Condition, and Certificate of Reasonableness of Cost Estimate.

33. PHOTOS SUBMITTED

☐ NO
 ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO
 ☒ YES

Modification Request Form

35. PREPARED BY:

Name:


PRINZEL G. DUPINGAY

Office:

Benguet 1st DEO

Position:

Engineer II (COS)

Date:

May 22, 2024

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:


LOIDA B. PASCUA

Position:

Chief of Planning and Design Section

Date:

May 22, 2024

38. REVIEWED BY REGIONAL OFFICE

Name:


ARNOLDO O. DACWAG

Position:

OIC-Chief of Planning and Design Division

Date:

May 23, 2024

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:


ISAAC N. CAYME, CESE

Position:

District Engineer

Date:

May 22, 2024

39. RECOMMENDED BY REGIONAL OFFICE

Name:


KHADAFFY D. TANGGOL

Position:

Regional Director

Date:

May 23, 2024

Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

300214100647000

Project ID

P00841875LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<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

Reviewed by Office of the Undersecretary for Operations

Name:	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
Signature		
Position:	Project Manager I	Project Manager III
Date:	6/14/24	6/13/24

41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input type="checkbox"/> Category B – Change in Station Limits <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 DBM Categories
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Reviewed by Planning Service

Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC-Chief of Programming Division
Date:	6-26-24	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
P00841875LZ - CW1	S00385LZ	K0261+(-392)	K0266+403	0	5,514	5,514	Road Safety: Roadway Lighting	Installation of Single Arm Solar LED Roadway Lighting	Number of Unit	535.00