

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



November 4, 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 **<u>APPROVED</u>** request for the **modification** of hereunder stated project:

 OO2: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems Construction of Drainage Canal along Mt. Province Bdry. - Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+414 - K0508+856, Tabuk City, Kalinga- - - ₱35,000,000.00

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.

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

2.3 mksa/AVS/ERP

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



Date of Exploration: UDM2024 PAIP 1 (001, 002, CSSP, IP): PY 2024 GAA ORGMUZATIONAL OUTCOME 2: Protect Lives and Properties Against Major Floods VACs: 32001111744000 P/AIP 1 (2001, 002, CSSP, IP): Project ID: P0082075412 P0082075412 Flood Management Program Region: Conditional Major Program): P00902075412 Flood Management Program Region: Conditional Major Program): P00902075412 Project per GAT Conditional Major Program): P00902075412 Statutes and Dratage System: Statutes and Dratage System: 35000.000 Project per GAT Conditional Major Program): Project per GAT Statutes and Dratage System: Statutes and Program): The statute and Program Program 35000.000 The statute intex and physical access: 401 data data Program Program Project per GAT The statute intex and physical access: 401 data data Program Program The statute intex and physical access: 401 data data Program Interpreterious Context and physical access: 401 data data Program Program Program Program The statute intex and physical access: 400 data data physical access: 400 data physical access: 400 data Program The statute intex and physical access: 400 data Program The statute intex and physical access	2 2 4		Project	Modification of Allotment	under the GAA Req	uest Evaluation Fo			, ,
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Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS OFFICE OF THE SECRETARY

Manila



September 16, 2024

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MEMORANDUM

FOR

MANUEL M. BONOAN Secretary This Department

This refers to the memorandum dated June 25, 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/Origin	al	As Modified			
		Project [Description			
UACS No. 320103	1111744000					
Project ID: P0082	20754LZ					
	es and Properties - C Flood Mitigation Stru S⁄		OO2: Protect Lives and Properties - Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems			
Construction of Drainage Canal along Mt. Province Bdry. - Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+447 - K0508+647 (B/S), Tannong, Tabuk City, Kalinga '			Construction of Drainage Canal along Mt. Province Bdry Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+414 - K0508+856 , Tabuk City Kalinga			
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost	
CW1- Construction of Drainage Structure/ 3246.29 Lineal Meters	₱ 10,565.91 / Lineal Meter	₱ 34,300,000.00	CW1- Construction of Drainage Structure / 442 Lineal Meters /	 ₱ 77,601.81 / Lineal Meter 154 M 	₱ 34,300,000.00	
EAO	-	₱ 700,000.00 -	EAO	-	₱ 700,000.00 -	
		₱ 35,000,000.00 ,		Total:	₱ 35,000,000.00	

Justification:

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

- The station limits and physical targets indicated on the Annual Infrastructure Program based on the General Appropriation Act do not synchronize with one another, station limit of K0508+447 K0508+647 (B/S) is 400 linear meters.
- From the corrected physical target of 400 linear meters is modified to 442 lineal meters.
- The station limits and physical targets are modified to ensure that the given station limits are based on the actual field condition, synchronized with the physical target on the validated approved Plans, Program of Works, and Detailed Unit Price Analysis (DUPA).
- CW1 is composed of Construction of Drainage Structure using concrete, clay, Plastic and Fiber Pipe (Structure Wall Pipe -High Density Polyethylene, 1000 mm dia.), which is state of the art construction materials and easy to install during construction.
- The project also includes Portland Cement Concrete Pavement (PCCP, 280mm thick 14-days), which will serve as replacement to the existing PCCP on top of the cross drainage which has to be removed.
- The unit cost has also been evaluated and reviewed by Bureau of Construction (BOC) last September 12, 2024.

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DPA), 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).

AL-CO-202410-D.2696

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Based on our evaluation, the submitted request for modification of the said project is in order; hence, approprial 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 1. BONOAN Secretary

Department of Public Works and Highways Office of the Secretary



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



September 12, 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 Approval of Modification of Three (3) Projects under FY 2024 General Appropriations Act:

OO2: Protect Lives and Properties – Construction/Maintenance of Flood Mitigation Structures and Drainage Systems

1.) P00820754LZ: Construction of Drainage Canal along Mt. Province Bdry. – Calanan – Pinukpuk – Abbut Road, Calanan – Pinukpuk Junction Section, K0508+414 – K0508+856, Tabuk City, Kalinga

 2.) P00820753LZ: Construction of Drainage Canal along Mt. Province Bdry. – Calanan – Pinukpuk – Abbut Road, Calanan – Pinukpuk Junction Section, K0496+(-150) – K0497+346, Calanan, Tabuk City, Kalinga

OO2: Protect Lives and Properties – Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers

3.) P00824847LZ: Construction of Ngipen Bridge, Bantay Flood Control along Chico River, Bantay Tabuk City, Kalinga

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

PROJECT NO. 1

The requested amount of **P35,000,000.00** (inclusive of EAO) for the **442.00 lineal meters** for the Construction of Drainage Canal along Mt. Province Bdry. – Calanan – Pinukpuk – Abbut Road, Calanan – Pinukpuk Junction Section, Tabuk City, Kalinga, 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 – Lower Kalinga District Engineering Office.

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



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SCOPE OF WORK

ITEM NO.	DESCRIPTION		AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part B	Other General Requirements	Ρ	561,187.72	1.64%
Part C	Earthwork	Ρ	2,349,193.15	6.85%
Part D	Reinforced Concrete	Ρ	3,270,162.58	9.53%
Part E	Surface Courses	Ρ	674,131.66	1.96%
Part I	Materials Details	Ρ	27,445,324.89	80.02%
	GRAND TOTAL	Ρ	34,300,000.00	100.00%

Cost per lineal meter for CW1 – Construction of Drainage Structure: (Excludes Part B)

<u>P 33,738,812.28</u> 442.00 lineal meters

P76,332.15 / lineal meter

The estimated cost of **P76,332.15** per lineal meter is due to the design requirements as reflected in the approved design plans considering the appropriate Pay Items under Parts C, D, E, and I. The said unit cost per lineal meter includes provision of 21,372.03 kilograms of grade 40, reinforcing steel, 39.52 cubic meters of lean concrete & 168.57 cubic meters of 3000 psi, Class A, structural concrete, which accounts to **9.53%** of the total project cost and concrete clay, plastic and fiber pipe (408.00 l.m.), which accounts to **80.02%** 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 Detailed Unit Price Analysis (DUPA) not included in the Construction Materials Price Data (CMPD) were supported with canvass prices provided by the Implementing Office (**Annex "A**") (e.g., structural wall pipe and electrofusion wire).

PROJECT NO. 2

The requested amount of **P27,998,000.00** (inclusive of EAO) for the **1,573.00 lineal meters** for the Construction of Drainage Canal along Mt. Province Bdry. – Calanan – Pinukpuk – Abbut Road, Calanan – Pinukpuk Junction Section, Calanan, Tabuk City, Kalinga, as submitted was reduced to **P27,962,821.92** (inclusive of EAO) due to corrections made on the unit price of materials. Likewise, the items of work and corresponding quantities were based on the Program of Works (POW) and Detailed Engineering Design Plan, 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	Ρ	267,544.53	0.97%
Part C	Earthworks	Ρ	29,629.52	0.11%
Part D	Subbase and Base Course	Ρ	283,159.37	1.03%
Part E	Surface Courses	Ρ	2,397,300.56	8.75%
Part L-A	Earthworks	Ρ	2,556,165.12	9.33%
Part L-B	Drainage and Slope Protection	Ρ	21,423,190.00	78.18%
Part F	Miscellaneous Structures	Ρ	446,576.38	1.63%
	GRAND TOTAL	Ρ	27,403,565.48	100.00%

Cost per lineal meter for CW1 – Construction of Drainage Structure: (Excludes Part B)

<u>P 27,136,020.95</u> 1,573.00 lineal meters = **P17,251.12 / lineal meter**

The estimated cost of **P17,251.12** per lineal meter is due to the design requirements as reflected in the approved design plans considering the appropriate Pay Items under Parts C, D, E, L-A, L-B and F. The said unit cost per lineal meter includes provision of 7,671.43 cubic meters of structure excavation, which accounts to **9.33%** of the total project cost and 104,475.63 kilograms of grade 40, reinforcing steel, 540.00 cubic meters of stone masonry & 1,329.82 cubic meters of Class A, structural concrete, which accounts to **78.18%** 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 Detailed Unit Price Analysis (DUPA) not included in the Construction Materials Price Data (CMPD) were supported with canvass prices provided by the Implementing Office (**Annex "A**") (e.g., concrete saw).

PO0820754LZ
 PO0820753LZ
 PO0824847LZ
 Page 4 of 5

PROJECT NO. 3

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The requested amount of **P60,000,000.00** (inclusive of EAO) for the **150.00 lineal meters** for the Construction of Ngipen Bridge, Bantay Flood Control along Chico River Bantay Tabuk City, Kalinga, as submitted was reduced to **P59,960,538.14** (inclusive of EAO) due to corrections made on the unit price of materials. Likewise, the items of work and corresponding quantities were based on the Program of Works (POW) and Detailed Engineering Design Plan, duly approved by the District Engineer, DPWH – Lower Kalinga District Engineering Office.

ITEM NO.	DESCRIPTION		AMOUNT (Total Cost)	PERCENT WEIGHT (%)
Part A	Facilities for the Engineer	Ρ	1,858,154.22	3.21%
Part B	Other General Requirements	Ρ	357,893.21	0.62%
Part D	Reinforced Concrete	Ρ	12,670,974.56	21.90%
Part I	Protective Works and Accessories	Ρ	18,416,147.33	31.83%
Part L-A	Flood Control and Drainage	Ρ	4,883,536.94	8.44%
Part L-B	Bank and Slope Protection Works	Ρ	19,675,213.05	34.00%
	GRAND TOTAL	Ρ	57,861,919.31	100.00%

SCOPE OF WORK

Cost per lineal meter for CW1 – Construction of Flood Mitigation Structure: (Excludes Part A and B)

<u>P 55,645,871.88</u> = **P370,972.48 / lineal meter**

The estimated cost of **P370,972.48** per lineal meter is due to the design requirements as reflected in the approved design plans considering the appropriate Pay Items under Parts D, I, L-A and L-B. The said unit cost per lineal meter includes provision of 2,494.80 cubic meters of hexapod, which accounts to **31.83%** of the total project cost and 1,152.52 cubic meters of stone masonry, sheet piles, cofferdamming (1,791.25 l.m.) & furnished and driven of steel sheet pile (1,168.83 l.m.), which accounts to **34.00%** 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.

P00820754LZ
 P00820753LZ
 P00824847LZ
 Page 5 of 5

Further, please be informed that the prices of materials used in the Detailed Unit Price Analysis (DUPA) not included in the Construction Materials Price Data (CMPD) were supported with canvass prices/certification provided by the Implementing Office (**Annex "A**") (e.g., autodesk autocad software and desktop).

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

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Undersecretary ADOR G. CANLAS, 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 District Engineer RUBY A. UYAM, Lower Kalinga District Engineering Office

6.1.1 LRP/CBC/JTS/MIP Tabuk City, Kalinga – Lower Kalinga DEO (Evaluated) BOC Ref. No.: 6.1.-11376



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS LOWER KALINGA DISTRICT ENGINEERING OFFICE

Bulanao, Tabuk City, Kalinga, Cordillera Administrative Region



September 3, 2024

MEMORANDUM



- FOR : ALLAN S. BORROMEO, CESO III Director IV, Bureau of Construction
- SUBJECT : Request for the Approval of Modifications of Three (3) Projects under FY 2024 General Appropriations Act (GAA):

OO2: Protect Lives and Properties – Construction/Maintenance of Flood Mitigation Structures and Drainage Systems

P00820754LZ: Construction of Drainage Canal along Mt. Province Bdry – Calanan – Pinukpuk – Abbut Road, Calanan – Pinukpuk Junction Section, K0508+414 – K0508+856, Tabuk City, Kalinga

P00820753LZ: Construction of Drainage Canal along Mt. Province Bdry – Calanan – Pinukpuk – Abbut Road, Calanan – Pinukpuk Junction Section, K0496+(-150) – K0497+346, Calanan, Tabuk City, Kalinga

OO2: Protect Lives and Properties – Construction/Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers



P0082847LZ: Construction of Ngipen Bridge, Bantay Flood Control along Chico River, Bantay, Tabuk City, Kalinga

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

Very truly yours,

District Engineer

CAR.15.1 AMGG/ABN/EMJE/MPM

Website: www.dpwh.gov.ph Tel. No(s).: (074) 627 5494





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



June 25, 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 2 : Protect Lives and Properties Against Major Floods-Flood Management Program-Construction/ Rehabilitation of Flood Mitigation Facilities within Major River Basins and Principal Rivers-Construction of Drainage Canal along Mt. Province Bdry. - Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+447 - K0508+647 (B/S), Tannong, Tabuk City, Kalinga, Kalinga

We are respectfully forwarding the Memorandum dated June 24, 2024 from District Engineer Ruby A. Uyam, Lower Kalinga District Engineering Office, regarding the modification of the above project in the amount of **Thirty-Five Million Pesos (Php 35,000,000.00)** as indicated below:

	FROM	то
P00820754LZ		
	ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods- Flood Management Program- Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -	ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods- Flood Management Program- Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -
	Construction of Drainage Canal along Mt. Province Bdry Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+447 - K0508+647 (B/S), Tannong , Tabuk City, Kalinga	Construction of Drainage Canal along Mt. Province Bdry Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+414 - K0508+856 , Tabuk City, Kalinga
Type of work	CW1: Construction of Drainage Structure	CW1: Construction of Drainage Structure
Physical	CW1 – 3246.29 Lineal Meters	CW1 – 442 Lineal Meters
Allocation	CW1 – Php 34,300,00.00	CW1 – Php 34,300,00.00
	EAO – Php 700,000.00	EAO – Php 700,000.00





Republic of the Philippines DEPLOTMENT 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.

KHADA **•TANGGOL** Regional Director CAR.1 RBP/EPD/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 24, 2024

MEMORANDUM

- FOR : KHADAFFY D. TANGGOL Regional Director
- THRU : ARNOLD O. DACWAG OIC-Chief, Planning & Design Division
- SUBJECT : Modification CY 2024 GAA ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods-Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems - Construction of Drainage Canal along Mt. Province Bdry. - Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+447 - K0508+647 (B/S), Tannong, Tabuk City, Kalinga , under the FY 2024 General Appropriations Act

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

FROM	то
ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods- Flood Management Program- Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems -	ORGANIZATIONAL OUTCOME 2 : Protect Lives and Properties Against Major Floods- Flood Management Program- Construction/ Maintenance of Flood Mitigation Structures and Drainage Systems
Construction of Drainage Canal along Mt. Province Bdry Calanan - Pinukpuk - Abbut Road, Calanan-Pinukpuk Junction Section, K0508+447 - K0508+647 (B/S) , Tannong , Tabuk City, Kalinga	Construction of Drainage Canal along Mt. Province Bdry Calanan - Pinukpuk - Abbut Road, Calanan- Pinukpuk Junction Section, K0508+414 - K0508+856 , Tabuk City, Kalinga
Physical Target: 3246.29 Lineal Meters Amount: ₱ 35,000,000.00	Physical Target: 442 Lineal Meters Amount : ₱ 35,000,000.00

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

For your favorable consideration.

RU Y A. UYAM **District Engineer**

CAR 15.1 MAE/ABN/EMJE

⊕Website: www.dpwh.gov.phS Tel. No(s).: (074) 627 5494



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DPWH-QMSP-03-01 Rev 01

		A. 6	GENERAL				
1. REGION Cordillera Administ	rative Region	2. DEO Lower Kalinga Distr	rict Engineering Office Kalinga Lone Distr				
B.	ORIGINAL PROJEC	Т	C. PR	OPOSED REV	ISED PRO.	JECT	
4. UACS (Unified Acco 320101111744000	unt Code Structure as def	ined in GAA)					
5. Project Id P00820754LZ							
6. Project Category OO2: Protect Lives							
7. Sub-Program (P/ Construction/ Main		igation Structures a	nd Drainage Systems				
8. Operating Unit Lower Kalinga Distr	ict Engineering Office	2	18. Operating Unit (Lower Kalinga Distric			val)	
9. Type of Work (En	nter Details for all Compor	ients below)	19. Type of Work (Enter Details for all Components below)				
Component ID	Type of Work		Component ID	Type of W	Type of Work		
CW1	Construction of I	Drainage Structure	CW1	Construct	Construction of Drainage Structure		
Construction of Dra Calanan - Pinukpuk	RIPTION (as recorded in ainage Canal along M - Abbut Road, Calana 0508+447 - K0508+64	t. Province Bdry an-Pinukpuk	20. PROJECT DESCRI Construction of Drai Calanan - Pinukpuk - Section, K0508+414	nage Canal alo - Abbut Road,	ong Mt. Pro Calanan-Pir	vince Bdry nukpuk Junction	
11. ALLOTMENT (P 35,000	'000) (as recorded in GA	A)	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)22. CAF (To be obtained fro Financial Management office SYES35,000Signal				
12. PHYSICAL TARG	GET (Enter Details for all o	Components below)	23. PHYSICAL TARG	ET (Enter Details	for all Compo	onents below)	
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
CW1	3246.289	Lineal Meters (Im)	CW1	442		Lineal Meters (Im)	
13. UNIT COST (Ente	er Details for all Compone	nts below)	24. UNIT COST (Enter	r Details for all Co	mponents be	low)	
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compone (P'000)	ent Cost	Target Unit Cost (P'000/Target Unit)	
CW1	34,300	10.56591	CW1 34,300			77.60180995	
EAO	700		EAO	700			

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		A. (GENERAL				
1. REGION Cordillera Administ	rative Region	2. DEO Lower Kalinga Dist	3. LEGISLATIVE DISTRICT strict Engineering Office Kalinga Lone District				
В.	ORIGINAL PROJEC	т	C. PR	OPOSED REV	ISED PRO	DJECT	
4. UACS (Unified Accord 320101111744000	unt Code Structure as de	fined in GAA)					
5. Project Id P00820754LZ							
6. Project Category OO2: Protect Lives	and Properties						
7. Sub-Program (P/ Construction/ Main		tigation Structures a	ind Drainage Systems				
8. Operating Unit Lower Kalinga Distri	ct Engineering Office	2	18. Operating Unit Lower Kalinga Distri			oval)	
9. Type of Work (En	ter Details for all Compo	nents below)	19. Type of Work (E	nter Details for al	Component	ts below)	
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11. ALLOTMENT (P'000) (as recorded in GAA) 35,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)22. CAF (To be obtained from Financial Management office)35,000State				
12. PHYSICAL TARG	ET (Enter Details for all (Components below)	23. PHYSICAL TARG	ET (Enter Details	for all Comp	onents below)	
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CW1	34,300	10.56591	CW1	34,300		77.60180995	
EAO	700		EAO	700			

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)			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 and MVUC)				
Tabuk Ci	ity, Kalinga			Tabuk Ci	ty, Kalinga		
Start X	121.36669	End X	121.36710	Start X	121.36669	End X	121.36731
Start Y	17.576920	End Y	17.577130	Start Y	17.576920	End Y	17.577230
15. ROA	D CLASSIFICATION	V (if applicable)		26. ROAI	O CLASSIFICATION	(if applicable)	
the origina			mplementing Office of	proposed r	EMENTING OFFIC evised project) llinga District Engi		lementing Office of the
17. PRO.	JECT IMPLEMENT	ATION PLAN	(PIP)	28. PROJ	ECT IMPLEMENTA	TION PLAN (PI	IP)
	Planned Start DatePlanned End DateApril 10, 2024November 29, 2024		Planned July 8, 20	Start Date	Planned End Date February 26, 2025		
				29. OVER	RLAP?	30. UNDEF ⊠ NO	R WARRANTY?
			D. ATTACHME	NTS & JUS	TIFICATIONS		

31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

□ YES ⊠ N/A

32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

Decrease in physical target for CW1 - Construction of Drainage Structure from 3246.289 Lineal meters to 442 Lineal meters due to the following:

- The station limits and physical targets indicated on the Annual Infrastructure Program based on the General Appropriation Act do not synchronize with one another, station limit of K0508+447 – K0508+647 (B/S) is 400 linear meters.
- From the corrected physical target of 400 linear meters is modified to 442 lineal meters.
- The station limits and physical targets are modified to ensure that the given station limits are based on the actual field . condition, synchronized with the physical target on the validated approved Plans, Program of Works, and Detailed Unit Price Analysis (DUPA).
- CW1 is composed of Construction of Drainage Structure using concrete, clay, Plastic and Fiber Pipe (Structure Wall Pipe - High Density Polyethylene, 1000 mm dia.), which is state of the art construction materials and easy to install during construction.
- The project also includes Portland Cement Concrete Pavement (PCCP, 280mm thick 14-days), which will serve as replacement to the existing PCCP on top of the cross drainage which has to be removed.
- The unit cost has also been evaluated and reviewed by Bureau of Construction (BOC) last September 12, 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, 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
	⊠ YES

	34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED							
	⊠YES							
	35. PREPARED BY:							
Name: Office:	AFREDO B. NGAO-I Lower Kalinga District Engineering Office	Position: Date:	Engineer II					
36. REVIEW	ED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE					
Name: Position: Date:	EVGENE MICHAEL JESPITA Chief, Planning and Design Section	Name: Position: Date:	ARNOLD O. DACWAG OIC-Chief of Planning Division					
37. RECOMME	NDED BY DISTRICT OFFICE (If Required)	39. RECOMMENDED BY REGIONAL OFFICE						
Name:		Name:	KHADAFFYD. TANGGOL					
Position:	V District Engineer	Position:	Regional Director					
Date:		Date:	-					

UACS (Unified Account 320101111744000		s defined in GA	A)			a na gana a sa sa sangar sa kana jarawa	
Project Id P00820754LZ							
40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS							
Primary Reason for Request (based on Category of Modification): (choose one)							
Category A	ory A Category B		Category C		tegory D	Impact	
 Typographical error on Project Description Addition/ Deletion of Words 	 Overlapping Sections Change in Station Limits Change in Physical Target 		□ No such Bara □ No such C Municipali	arangay requiring a chan n City or in the (OU)		 No change or decrease in unit cost 20% or less increase in unit cost > 20% increase in unit cost 	
Reviewed by Office of the Undersecretary for Operations							
Name: Engr. MANUEL L. SIN			NGSON		Engr. ANTONIO V. SOBREVIÑAS, JR.		
Signature					MZS		
Position: Project Manager					Project Manager III		
Date:					9/16/23		
41. DPWH PLANNING SERVICE							
Category of Modification (please check the appropriate)		 Category A – Typographical Error; Addition/Deletion of Words Category B – Change in Station Limits; Change in Target Category C – Change in Location, due to non-existing location Category D – Change in Operating Unit (requires DBM approval) Modification does not comply with as per GAA Provisions 					
Reviewed by Planning Service*							
Name:	ANNA ANDREA M. NOCHE			Name:	PETER PAUL R. CORTEZ		
Signature And which which we have a second sec			Signature:	+ fanf	4		
Position: Regional Coordinator			Position:	OIC-Chief of Programming Division			
Date: 10/16/24			Date:				

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

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