



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



June 6, 2024

MEMORANDUM


TO : **REYNALDO C. ALCONCEL**
Regional Director
DPWH-Region II
Tuguegarao City, Cagayan

ATTENTION : **MARIANO B. MALUPENG**
District Engineer
Cagayan 3rd District Engineering Office

Transmitted herewith are the **APPROVED** requests for the **modification** of hereunder stated projects:

1. Organizational Outcome 1: Ensure Safe and Reliable National Road System- Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Primary Roads Santiago-Tuguegarao Rd (Jct Kalinga-Tuguegarao Sect) - K0441 + 000 - **K0441 + 420, K0441 + 420 - K0441 + 740, K0441 + 740 - K0442 + 200, K0442 + 452 - K0443 + 112, K0443 + 626 - K0443 + 846 -** - - **P 42,000,000.00**
2. CONVERGENCE AND SPECIAL SUPPORT PROGRAM - Sustainable Infrastructure Projects Alleviating Gaps (SIPAG) - Access Roads and/ or Bridges leading to Major/ Strategic Public Building/ Facilities Construction of Road, Brgy. La Suerte-Nagsabaran-Bacring, Amulung, Cagayan - - - **P13,539,000.00**

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 mksa/AVS/RPBG/ERP





Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Bonifacio Drive, Port Area Manila



March 25, 2024

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary
This Department

This refers to the memorandum dated 15 March 2024 of **DPWH Region II Assistant Regional Director EDITHA R. BABARAN, CSEE**, endorsing the request of **District Engineer MARIANO B. MALUPENG**, Cagayan 3rd 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. 310110100502000. Project ID:P00800682LZ. Organizational Outcome 1: Ensure Safe and Reliable National Road System- Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Primary Roads . Santiago-Tuguegarao Rd (Jct Kalinga-Tuguegarao Sect) - K0441 + 000 - K0442 + 198, K0442 + 222 - K0444 + 000			Organizational Outcome 1: Ensure Safe and Reliable National Road System- Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Primary Roads . Santiago-Tuguegarao Rd (Jct Kalinga-Tuguegarao Sect) - K0441 + 000 - K0441 + 420, K0441 + 420 - K0441 + 740, K0441 + 740 - K0442 + 200, K0442 + 452 - K0443 + 112, K0443 + 626 - K0443 + 846.		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1-Construction of Drainage Structures along Road/ 5972 Lineal meters	₱ 6,892.16/ Lineal meters	₱ 41,160,000.00	CW1-Construction of Drainage Structures along Road/ 2960 Lineal meters	₱ 13,905.41/ Lineal meters	₱ 41,160,000.00
EAO	-	₱ 840,000.00	EAO	-	₱ 840,000.00
Total:		₱42,000,000.00.	Total:		₱ 42,000,000.00.

Justification:

- The change in station limits is due to the exclusion of left side of road sections K0441+420 - K0441+740 and K0442+452 - K0443+112 to avoid overlapping with the existing Reinforced Concrete Pipe Culvert. Station K0442+200 - K0442+452 did not require drainage structures since it is where the DapangBridges located.The project includes construction of drainage on both sides of road section K0441+000 - K0441+420, right side of the road section K0441+420 - K0441+740, both sides of the road section K0441+740 - K0442+200, right side of the road section K0442+452 - K0443+112 and left side of the road section K0443+626 - K0443+846.
- The decrease in the physical target/ increase in unit cost is due to the inclusion of 230mm thick x 1m width concrete shoulder, to upgrade the existing shoulder from gravel to concrete in order to prevent rainwater from directly penetrating the subbase and sides of the road.
- The original unit cost of ₱6,892.16 per lineal meters is way below the standard unit cost for drainage structure based

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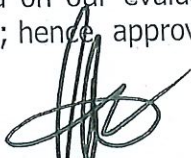
Ac-20-202404-80955



on the newly released standard unit cost for roads and bridges as of January 2024. Please see attached Standard unit cost for roads and bridges.

- The installation of 1.22m dia Reinforced Concrete Pipe Culvert is more economical than the use of 1.22m dia High Density Polyethylene Pipe, hence, the change from High Density Polyethylene Pipe to Reinforced Concrete Pipe Culvert. Please see attached price quotation for High Density Polyethylene Pipe compared to the price of Reinforced Concrete Pipe Culvert from Construction Materials Price Data 4th quarter of CY 2023.
- Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged Photos, and GIS Map.

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

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Department of Public Works and Highways
Office of the Secretary



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