



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

May 29, 2017

MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary
This Department

This refers to the memorandum dated 23 May 2017 of **DPWH Region V OIC-Assistant Director ESMERALDO S. SARMIENTO**, requesting for the **modification** of the hereunder stated project:

| Location | Project Description | | Physical Target / Cost | |
|--|---|---|--|---|
| | as per GAA | as modified | per GAA/Original | as modified |
| | UACS: 165003015400100 | | | |
| Sorsogon 1 st Legislative District | MFO-1 National Road Network Services: Network Development - Construction of Missing Gaps connecting National Roads, including ROW, Bacon-Manito Road incl. Bridge and Slope Protection, Sorsogon | MFO-1 National Road Network Services: Network Development - Construction of Missing Gaps connecting National Roads, including ROW, Bacon-Manito Road incl. Bridge and Slope Protection, Sorsogon | CW-1 Construction of Concrete Bridge: 380.8 Sq.m. | CW-1 Construction of Concrete Bridge: 633.456 Sq.m. |
| | (Construction of Concrete Bridge) | Construction of Concrete Bridge (Banasi Bridge & Osiao Bridge) | CW-2 Construction of Gravel Road: 5.267 Lane-km | CW-2 Construction of Gravel Road : 0.7484 Lane-km |
| | (Construction of Gravel Road) | Construction of Gravel Road (Osiao Bridge Approaches) | CW-3 Const. of Road Slope Protection Structure: 1142.857 Sq.m | CW-3 Const. of Road Slope Protection Structure: 2486.82 Sq.m. |
| | (Construction of Road Slope Protection Structure) | Construction of Road Slope Protection Structure (Approaches of Banasi & Osiao Bridge) | | CW-4 Construction of Concrete Road: 2.4368 Lane-km |
| | | Construction of Concrete Road (Banasi Bridge Approaches) | | CW-5 Const. of Drainage Structure along Road: 1638.91 Lm |
| | | Construction of Drainage Structure along Road (Approaches of Banasi Bridge) | | ROW Acquisition: 6,000 Sq.m. |
| | | ROW Acquisition | | |
| | | | Unit Cost: | Unit Cost: |
| | | | CW-1 Construction of Concrete Bridge: P157.56 Sq.m. | CW-1 Construction of Concrete Bridge: P55.17T/Sq.m. |
| | | | CW-2 Construction of Gravel Road: P15,188.91/ Lane-km | CW-2 Construction of Gravel Road : P40,933.67/ Lane-km |
| | | | CW-3 Const. of Road Slope Protection Structure: P8.75 Sq.m. | CW-3 Const. of Road Slope Protection Structure: P3.11T/Sq.m. |
| | | | | CW-4 Construction of Concrete Road: P26,122.62/ Lane-km |
| | | | | CW-5 Const. of Drainage Structure along Road: P7.65T/Lm |
| | | | | ROW Acquisition: P0.08/Sq.m. |
| | | | Allocation: | Estimated Cost: |
| | | | PhP 150M | PhP 150M |

Justification: Modification is requested due to the following:


1. CW1 - Construction of Concrete Bridge -
 - The change/increase in physical target is due to the inclusion of the two (2) bridges for construction, Osiao and Banasi Bridge. The original physical target is for 1-bridge (Osiao Br.) only. The additional bridge (Banasi Br.) is included/prioritized for construction this year to have continuity of the road network to be functional and with impact. The decrease in amount is based on the approved POW/DUPA using the prevailing unit cost for concrete bridge (PSCG) on spread footing.
2. CW2 - Construction of Gravel Road -
 - Decrease in physical target is due to actual programmed length for gravel road construction along the approaches of Osiao Bridge. Concreting is not yet prioritized due to the budget constraint and will be prioritized on the succeeding year since the slope along the bridge location is less critical than Banasi Bridge. **Increase in the unit cost is due to the huge embankment accounting to more than 4m in height with corresponding slope protection structure built on it.**
3. CW3 - Construction of Road Slope Protection Structure -
 - Physical target increased due to mountainous terrain which requires massive slope protection structure along cut and fill sections. Decrease in unit cost is due to the adoption of conventional design of slope protection, thus, accrued lower unit cost.
4. CW4 - Construction of Concrete Road -
 - Additional component which is the construction of concrete approaches of the Banasi Bridge. It is prioritized for concreting/paving with provisions of slope protection structures due to its critical slope to stabilize the approaches, thus, protecting the road from landslides/erosion during rainy seasons.
5. CW5 - Construction of Drainage - Additional component necessary in the design calls for drainage facilities to protect the road.
6. RROW - Additional component to be utilized for the RROW Acquisition along sections with affected private lots/improvements.

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


ROMEO S. MOMO, CESO I

Undersecretary for Luzon Operations

APPROVED/DISAPPROVED:


MARK A. VILLAR

Secretary

NOTE: Copies of the approved project modification requests are forwarded to the Office of Undersecretary Maria Catalina E. Cabral, PhD, CESO I.

2.4 mksa/AVS/ERP/RSM

Department of Public Works and Highways
Office of the Secretary



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

May 29, 2017

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ROMEO S. MOMBESA I


Undersecretary for Luzon Operations

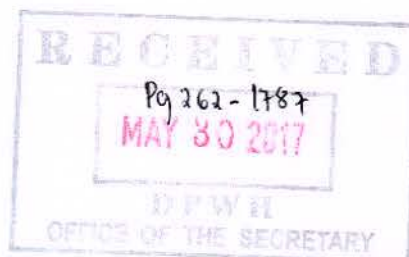
APPROVED/DISAPPROVED:

MARK A. VILLAR

Secretary

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2.4 mksa//KVS/ERP/RSM





Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGIONAL OFFICE V
Regional Government Center, Rawis, Legaspi City

May 23, 2017

MEMORANDUM

FOR : SECRETARY MARK A. VILLAR
This Department

THRU : USEC ROMEO S. MOMO, CESO I
Undersecretary for Regional Operations

SUBJECT : Modification Request for Project included under the FY 2017 GAA (RA 10924) within Sorsogon 1st Legislative District for Regional Office V Implementation

We are submitting the proposed modification of **Bacon-Manito Road** under **MFO-1 National Road Network Services, Network Development, Construction of Missing Gaps connecting National Roads, including ROW** included in FY 2017 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 10924, for Regional Office implementation, viz.:

| FROM | | | | TO | | | |
|---|---|------------------------------|-------------------|---|--|-----------------------------|-------------------|
| ORIGINAL LOCATION | | | | RECOMMENDED NEW PROJECT TITLE | | | |
| PAP/ UACS Code No./ Project Component ID | Name/Location of Project | Physical Target | Allocation ('000) | PAP/ UACS Code No./ Project Component ID | Name/Location of Project | Physical Target | Allocation ('000) |
| I - PROGRAM MFO 1 - National Road Network Services Network Development - Construction of Missing Gaps connecting National Roads, including ROW | | | | I - PROGRAM MFO 1 - National Road Network Services Network Development - Construction of Missing Gaps connecting National Roads, including ROW | | | |
| 165003015400100 / P00111029LZ-CW1 | Construction of Concrete Bridge - Bacon-Manito Road incl. Bridge and Slope Protection, Sorsogon | 380.8 Square Meters (m2) | 60,000.00 | 165003015400100 / P00111029LZ-CW1 | Construction of Concrete Bridge - Bacon-Manito Road incl. Bridge, Slope Protection and ROW, Sorsogon | 633.456 Square Meters (m2) | 34,948.495 |
| Unit Cost (Based on Orig. Target) #000 | | 157.56 per Square Meter (m2) | | Unit Cost per Revised Physical Target #000 | | 55.17 per Square Meter (m2) | |
| 165003015400100 / P00111029LZ-CW2 | Construction of Gravel Road - Bacon-Manito Road incl. Bridge and Slope Protection, Sorsogon | 5.267 Lane Km | 80,000.00 | 165003015400100 / P00111029LZ-CW2 | Construction of Gravel Road -Bacon-Manito Road incl. Bridge, Slope Protection and ROW, Sorsogon | 6.7484 Lane Km | 30,634.758 |
| Unit Cost (Based on Orig. Target) #000 | | 15,188.91 per Lane Km | | Unit Cost per Revised Physical Target #000 | | 40,933.67 per Lane Km | |
| 165003015400100 / P00111029LZ-CW3 | Construction of Road Slope Protection Structure - Bacon-Manito Road incl. Bridge and Slope Protection, Sorsogon | 1142.857 Square Meters (m2) | 10,000.00 | 165003015400100 / P00111029LZ-CW3 | Construction of Road Slope Protection - Bacon-Manito Road incl. Bridge, Slope Protection and ROW, Sorsogon | 2486.82 Square Meters (m2) | 7,722.265 |
| Unit Cost (Based on Orig. Target) #000 | | 8.75 per Square Meter (m2) | | Unit Cost per Revised Physical Target #000 | | 3.11 per Square Meter (m2) | |
| | | | | 165003015400100 / P00111029LZ-CW4 | Construction of Concrete Road - Bacon-Manito Road incl. Bridge, Slope Protection and ROW, Sorsogon | 2.4368 Lane Km | 63,655.600 |

| | | | |
|--|--|---|--|
| | 165003015400100 / P00111029LZ- CVR | Construction of Drainage Structure along Road - Bacon- Manito Road ind. Bridge, Slope Protection and ROW, Sorsogon | 1638.91 Lineal Meters (lm) 12,538.882 |
| | | Unit Cost per Revised Physical Target P000 | 7.65 per Lineal Meter (lm) |
| | 165003015400100 / P00111029LZ- ROW | ROW Acquisition - Bacon-Manito Road ind. Bridge, Slope Protection and ROW, Sorsogon | 6000 Square Meters (m2) 500.000 |
| | | Unit Cost per Revised Physical Target P000 | 0.08 per Square Meter (m2) |
| | TOTAL | 60,000.00 | TOTAL 150,000.000 |
| REMARKS/JUSTIFICATION: Modification is requested due to the additional scope of work; a. increase in bridge physical target - 2 bridges (633.456 sqm) instead of 1 bridge (380.80 lm) b. concreting of approaches of Banasi bridge c. RROW acquisition d. voluminous earthworks (38.96%) due to the mountainous terrain e. construction of drainage | | | |

Attached are accomplished Evaluation Form for Modification, Approved Programs of Work, Certificate of Availability of Funds, and other supporting documents in support to the request.

For consideration and favorable action.

For and in the absence of the Regional Director.

ESMERALDO S. SARMIENTO
Assistant Regional Director

R05.1 TJTC/KER/LBD/EMV/VAM/MNL

EAR

INITIAL DATE

TJTC

EMV

VAM

MNL