

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

FOR : MARK A. VILLAR Secretary

Respectfully forwarded is the memorandum dated May 27, 2019 of Regional Director **VIRGILIO C. EDUARTE, Region V,** endorsing the request for the **modification** of project under the FY 2019 GAA, to wit:

|  | As per GAA/Origi   | inal                 |   | As Modified   |                     |  |  |
|--|--|----------------------|---|---|---------------------|--|--|
| Project Descri   |  |                      |   |   |                     |  |  |
| UACS No.   | 3002041000   |                      |   |   |                     |  |  |
| Project ID:  | P00330998L   | Z                    |   |   |                     |  |  |
| Convergence an   | d Special Support P  | rogram               | Convergence an  | d Special Support Pr  | ogram               |  |  |
| Construction/Im  | d Special Support -<br>provement of Acces<br>stries and Economic | s Roads leading      | Construction/Im   | Convergence and Special Support -<br>Construction/Improvement of Access Roads leading to<br>Trades, Industries and Economic Zones |                     |  |  |
| Brgy. 3-Brgy. 4-Brgy. 5 Road connecting Ligao-<br>Pioduran Road and Albay West Coast Road in<br>support to Agribusiness (Food Resource Based<br>Processing) Pio-Duran, Albay |  |                      | Road and Albay  | Brgy. 5 Road conne<br>West Coast Road in<br>Isiness (Food Resour  |                     |  |  |
| Physical<br>Target   | Unit Cost  | Allocation           | Physical<br>Target  | Unit Cost   | Estimated Cost      |  |  |
| CW-1 –<br>Construction of<br>Concrete Road<br>– <b>0.067 Lane</b><br><b>KM</b>   | ₱ 144,029,851.00<br>/Lane Km                                     | ₱ 9,650,000.00       | CW-1 –<br>Construction of<br>Concrete Road<br>– 0.06674<br>Lane KM                    | ₱ 24,324,993.00<br>/Lane Km   | ₱ 1,623,450.00      |  |  |
|  |  |                      | CW-2 –<br>Construction of<br>Slope<br>Protection<br>Structure –<br><b>302.42 Sq.M</b> | ₽ 26,540.00<br>/Square Meters   | ₱ 8,026,550.00      |  |  |
| EAO  | -  | ₱ 350,000.00         | EAO   | -   | ₱ 350,000.00        |  |  |
|  | Total:   | ₱ 10,000,000         | /   | Total:  | ₽ 10,000,000        |  |  |
| Justification:   |  |                      |   |   |                     |  |  |
| necess   | on of slope prote<br>ary to protect the<br>ment of Compone       | e road since it is a | long shoreline.   | t piles to ensure fo  | oundation stability |  |  |
| Decrea   | ase in length for  | CW-1 to cope up      | with the cost n   | structure.  |                     |  |  |

 Decrease in length for CW-1 to cope up with the cost needed to complete CW-2 to ensure stability of the project.

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

RAFAEL ABUT

Senior Undersecretary Undersecretary for Operations Regions I, II, III, IV-A, V and CAR

APPROVED/DISAPPROVED:

MARK A. VILLAR Secretary





## Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE V

Regional Government Center, Rawis, Legaspi City

May 27, 2019

FOR

MEMORANDUM

:

| RECEIVED  |
|---|
| DATE 9/50/19 TIME                                 |
| RV-66 DPWH<br>OFFICE OF THE SENIOR UNDERSECRETARY |

THRU : Senior Undersecretary RAFAEL C. YABUT Undersecretary for Regional Operations in Regions I, II, III, IV-A, V, and CAR

SECRETARY MARK A. VILLAR

This Department

Undersecretary MARIA CATALINA E. CABRAL, Ph.D., CESO I Undersecretary for Planning and PPP

SUBJECT : Modification Request for Project included under the FY 2019 GAA (RA 11260) within ALBAY THIRD DISTRICT for Regional Office V Implementation

Submitted herewith is the proposed modification under Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones, included in FY 2019 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11260, for Regional Office V Implementation, viz;

|                     | FROM (As   | per GAA)  |  |                                     |                     | TO (As N   | fodified)                      |                |
|---------------------|--|---|--|-------------------------------------|---------------------|--|--------------------------------|----------------|
| UACS/<br>Project ID | Name/ Location of Project/<br>Thrust/ Type of Work   |   | I Target/<br>et Unit                                   | Cost (P '000)                       | UACS/<br>Project ID | Name/ Location of Project/<br>Thrust/ Type of Work   | Physical Target<br>Target Unit | / Cost (P '000 |
|                     | 0015000 / P00330998LZ<br>ace and Special Support Pro   | ogram - Con   | struction/ I   | mprovement                          | of Access I         | Roads leading to Trades, In  | dustries and Econo             | omic Zones     |
| roject:             | Brgy. 3-Brgy. 4-Brgy. 5 Road<br>Albay West Coast Road in sup<br>Based Processing) Pio-Duran, | port to Agribu  |  |                                     | Project:            | Brgy. 3-Brgy. 4-Brgy. 5 Road<br>Albay West Coast Road in sup<br>Based Processing) Pio-Duran, | port to Agribusiness (         |                |
| Component:          | Type of Work:  | Target  | Unit   | Component<br>Cost                   | Component:          | Type of Work:  | Target Un                      | it Component   |
| CW1                 | Construction of Concrete<br>Road   | 0.0670  | Lane Km  | 9,650.00                            | CW1                 | Construction of Concrete<br>Road   | 0.06674 Lane k                 |                |
| EAO                 |  |   |  | 350.000                             | CW2                 | Construction of Slope<br>Protection Structure  | 302.42 Square<br>meters        | 8,026.55       |
| -                   |  | -   | -  | •                                   | EAO                 |  |                                | - 350.0        |
|                     | TOTAL  |   |  | 10,000.00                           |                     | TOTAL  |                                | 10,000.0       |
|                     |  | for the inclusi<br>erosion and ot<br>scouring and<br>nce it is more<br>otection Strue | her damages<br>erosion of soil<br>than enough<br>tture | to the road, can<br>to cover the or | used by tide        | tion Structure since the road is<br>s, waves and storm surges; and<br>al target.             |                                |                |

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 favorable consideration.

ARTE, CESO IV VIRGILIO Regional Director

R05.1 HLB/EMV/BMF/MNL



## Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS REGIONAL OFFICE V

Regional Government Center, Rawis, Legaspi City

May 27, 2019

## MEMORANDUM

| FOR     | : | SECRETARY MARK A. VILLAR<br>This Department   |
|---------|---|---|
| THRU    | : | Senior Undersecretary RAFAEL C. YABUT<br>Undersecretary for Regional Operations in Regions I, II, III, IV-A, V, and CAR                           |
|         |   | Undersecretary MARIA CATALINA E. CABRAL, Ph.D., CESO I<br>Undersecretary for Planning and PPP   |
| SUBJECT | : | Modification Request for Project included under the FY 2019 GAA<br>(RA 11260) within ALBAY THIRD DISTRICT for Regional Office V<br>Implementation |

Submitted herewith is the proposed modification under Convergence and Special Support Program - Construction/ Improvement of Access Roads leading to Trades, Industries and Economic Zones, included in FY 2019 DPWH Infrastructure Program based on General Appropriations Act (GAA) RA 11260, for Regional Office V Implementation, viz;

|                     | FROM (As  | per GAA)  |   |   |                     | TO (As M   | lodified)       |                                 |                  |
|---------------------|---|---|---|---|---------------------|--|-----------------|---------------------------------|------------------|
| UACS/<br>Project ID | Name/ Location of Project/<br>Thrust/ Type of Work  | Physical<br>Targe   | Target/<br>t Unit                                     | Cost (P '000)                               | UACS/<br>Project ID | Name/ Location of Project/<br>Thrust/ Type of Work   |                 | Physical Target/<br>Target Unit |                  |
|                     | 00015000 / P00330998LZ<br>nce and Special Support Pro   | ogram - Cons  | struction/1   | mprovement                                  | of Access I         | Roads leading to Trades, In  | dustries and    | Economic                        | Zones            |
| Project:            | Brgy. 3-Brgy. 4-Brgy. 5 Road of<br>Albay West Coast Road in sup<br>Based Processing) Pio-Duran, | port to Agribu  |   |   | Project:            | Brgy. 3-Brgy. 4-Brgy. 5 Road (<br>Albay West Coast Road in sup<br>Based Processing) Pio-Duran, | port to Agribus |                                 |                  |
| Component:          | Type of Work:   | Target  | Unit  | Component<br>Cost                           | Component:          | Type of Work:  | Target          | Unit                            | Componen<br>Cost |
| CW1                 | Construction of Concrete<br>Road  | 0.0670  | Lane Km   | 9,650.00                                    | CW1                 | Construction of Concrete<br>Road   | 0.06674         | Lane Km                         | 1,623.4          |
| EAO                 |   | -   | -   | 350.000                                     | CW2                 | Construction of Slope<br>Protection Structure  | 302.42          | Square<br>neters                | 8,026.5          |
| -                   | -   | -   | -   | -   | EAO                 | -  | -               | -                               | 350.0            |
|                     | TOTAL   |   |   | 10,000.00                                   |                     | TOTAL  |                 |                                 | 10,000.0         |
|                     |   | for the inclusion<br>erosion and oth<br>scouring and e<br>nce it is more<br>rotection Struc | ner damages<br>prosion of soil<br>than enough<br>ture | to the road, can<br>l.<br>I to cover the or | used by tide        | tion Structure since the road is<br>s, waves and storm surges; and<br>al target.               |                 |                                 |                  |

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 favorable consideration.

R05.1 HLB/EMV/BMF/MNL

VIRGILIØ C. EDUARTE, CESO IV Regional Director

RADD LED / ME Emu m MWL W

|  |                                   |   | Iodification Reques   |                                |   |
|--|-----------------------------------|---|---|--------------------------------|---|
| 1. REGION  | 2. DEO                            | A. 01                                   | 3. LEGISLATIV   | /F DISTRICT                    |   |
|  |                                   |   |   |                                |   |
| Region V   | Albay 3rd District Eng            | ineering Office                         | ALBAY THI   | RD DISTRICT                    |   |
|  | <b>B. ORIGINAL PROJEC</b>         | т                                       | C. PRO  | POSED REVISED PRO              | DJECT                                   |
| 4. UACS (Unified Account   | t Code Structure as defined in GA | A)                                      |   |                                |   |
| 300204100015000  |                                   |   |   |                                |   |
| 5. Project ID  |                                   |   |   |                                |   |
| P00330998LZ  |                                   |   |   |                                |   |
| 6. Project Category  |                                   |   |   |                                |   |
| and the second | pecial Support Program            |   |   |                                |   |
| 7. P/A/P<br>Construction/ Impre  | ovement of Access Roads           | leading to Trades, Indu                 | stries and Economic Zones                                   |                                |   |
| 8. Operating Unit  |                                   |   | 18. Operating Unit (Change                                  | e subject to DBM approval)     |   |
| Central Office   |                                   |   | Central Office  |                                |   |
| 9. Type of Work (Enter   | Details for all Components below  | v)                                      | 19. Type of Work (Enter De                                  | tails for all Components below | N)                                      |
| Component ID   | Type of Work                      |   | Component ID  | Type of Work                   |   |
| P00330998LZ-CW1  | Construction of Concre            | te Road                                 | P00330998LZ-CW1   | Construction of Concrete       | e Road                                  |
| P00330998LZ-EAO  |                                   |   | P00330998LZ-CW2   | Construction of Slope Pr       | otection Structure                      |
| -  |                                   | -                                       | P00330998LZ-EAO   |                                |   |
| -  |                                   | -                                       | -   |                                |   |
| -  | TION (as recorded in GAA)         |   | 20. PROJECT DESCRIPTION                                     |                                |   |
|  |                                   |   |   |                                |   |
|  |                                   |   |   |                                |   |
| 11. ALLOTMENT (P '00   | (as recorded in GAA)              | <                                       | 21. REVISED ESTIMATED (<br>'000) (Equal to, or lower than ( | LE. CAI (TO DE                 | obtained from Financial<br>fice)        |
|  |                                   | 10,000                                  | allotment)  |                                | ince j                                  |
|  |                                   |   | 10,000  | ✓ YES                          |   |
|  | (Enter Details for all Component  |   | 23. PHYSICAL TARGET (Ent                                    |                                |   |
| Component ID   | Target                            | Target Unit                             | Component ID  | Target                         | Target Unit                             |
| P00330998LZ-CW1<br>P00330998LZ-EAO   | 0.0670                            | / Lane Km                               | P00330998LZ-CW1<br>P00330998LZ-CW2                          | 0.06674                        | Lane Km                                 |
| . 00330330LL*EAU   | -                                 | -                                       | P00330998LZ-EAO   | 302.42 /                       | Square meters                           |
|  |                                   |   |   | -                              |   |
| -  |                                   |   | -   |                                |   |
| 3. UNIT COST (Enter De   | etails for all Components below)  |   | 24. UNIT COST (Enter Details                                | for all Components below)      |   |
| Component ID   | Component Cost<br>(P '000)        | Target Unit Cost<br>(P/000/Target Unit) | Component ID  | Component Cost                 | Target Unit Cost<br>(P '000/Target Unit |
| P00330998LZ-CW1  | 9,650.00                          | 144,029.851                             | P00330998LZ-CW1   | (1,623.45                      | 24,324.99                               |
| P00330998LZ-EAO  | 350.00                            | 144,023.031                             | P00330998LZ-CW1   | 8,026.55                       | 24,324.99                               |
|  | 000100                            | 1                                       | P00330998LZ-EAO   | 350.00                         | 20.5                                    |
|  |                                   |   | FUUJJUJJUJJULL-EMU  | 2.10.00                        | -                                       |
|  | -                                 | _                                       | -   | -                              |   |

Modification Form Version 01-2019

| 14. PROJECT WORK LOCATION (Must be defined in strict accordance with D0 65       25. PROJECT WORK LOCATION (Must be defined in strict accordance with Series 2014)         Pio-Duran, Albay       Pio-Duran, Albay         Start X       123.440300000         End X       123.440300000         End X       123.440600000         Start X       123.440300000         End X       123.440600000    Start X 123.440300000 End X 123.440600000 Start X 123.440300000 End X 123.440600000  |  |   |   | Form for Modi  | fication Red   | quest   |                                 |                      |
|--|--|---|---|--|--|---|---------------------------------|----------------------|
| Start Y       13.029640000       End Y       13.029590000       Start Y       13.029640000       End Y       13.02959         15. ROAD CLASSIFICATION (if applicable)       N/A       N/A       N/A       N/A         16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)       N/A       27. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)         Regional Office V       Regional Office V       Regional Office V       Regional Office V         17. PROJECT IMPLEMENTATION PLAN (PIP)       Planned End Date       Planned End Date       Planned End Date         June 25, 2019       August 19, 2019       28. PROJECT IMPLEMENTATION PLAN (PIP)       Planned End Date         June 25, 2019       August 19, 2019       29. OVERLAP?       30. UNDER WARRANTY?         NO       YES       N/A       32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)       NO       YES         CW1: Construction of Concrete Road:       - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will protect the road from sliding, scouring and erosion of soil.       - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure       - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete. </th <th>Series 2014)</th> <th></th> <th></th> <th>25. PROJECT V<br/>Series 2014. Also</th> <th>VORK LOCATION (Mus<br/>complete Annex A for Nat</th> <th></th> <th></th>   | Series 2014)   |   |   | 25. PROJECT V<br>Series 2014. Also   | VORK LOCATION (Mus<br>complete Annex A for Nat   |   |                                 |                      |
| Start Y       13.029640000       End Y       13.029590000       Start Y       13.029640000       End Y       13.02959         15. ROAD CLASSIFICATION (if applicable)       N/A       N/A       N/A         16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)       N/A       N/A       27. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)         Regional Office V       Regional Office V       Regional Office V       28. PROJECT IMPLEMENTATION PLAN (PIP)         Planned Start Date       Planned End Date       Planned End Date       August 19, 2019       28. PROJECT IMPLEMENTATION PLAN (PIP)         Planned Start Date       Planned End Date       August 19, 2019       29. OVERLAP?       30. UNDER WARRANTY?         Image: No       Image: Section Structure       Image: Section Structure since the road is along the shoreline. On the seaside, this structure will provent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.       Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure       - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   |  |   |   |  |  |   |                                 |                      |
| 15. ROAD CLASSIFICATION (if applicable)       26. ROAD CLASSIFICATION (if applicable)         N/A       N/A         16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)       N/A         Regional Office V       Regional Office V         17. PROJECT IMPLEMENTATION PLAN (PIP)       Planned End Date         Planned Start Date       Planned End Date         June 25, 2019       August 19, 2019         29. OVERLAP?       30. UNDER WARRANTY?         NO       YES         D. ATTACHMENTS & JUSTIFICATIONS         31. PROJECT IMPLACT ANALYSIS ATTACHED? (For Flood Control Projects)         NO       YES         NO       YES         S2. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)         CW1: Construction of Concrete Road:         - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will protect the road from sliding, scouring and erosion of soil.         - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   | Start X  | 123.440300000   | End X   | 123.440600000  | Start X  | 123.440300000   | End X                           | 123.44060            |
| N/A       N/A         16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)       27. IMPLEMENTING OFFICE (Record the Implementing Office of the propose revised project)         Regional Office V       Regional Office V         17. PROJECT IMPLEMENTATION PLAN (PIP)       Regional Office V         Planned Start Date       Planned End Date         June 25, 2019       August 19, 2019         29. OVERLAP?       30. UNDER WARANTY?         ☑ No       ☑ YES         D. ATTACHMENTS & JUSTIFICATIONS         31. PROJECT IMPLETION (Explain in detail in Bullet point format; minimum of 2 points)         CW1: Construction of Concrete Road:         - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will protect the road from sliding, scouring and erosion of soil.         - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   |  |   |   | 13.029590000   |  |   |                                 | 13.02959             |
| 16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)       27. IMPLEMENTING OFFICE (Record the Implementing Office of the proper revised project)         Regional Office V       Regional Office V         17. PROJECT IMPLEMENTATION PLAN (PIP)       Planned End Date         June 25, 2019       August 19, 2019         August 25, 2019       October 12, 2019         29. OVERLAP?       30. UNDER WARRANTY?         No       YES         D. ATTACHMENTS & JUSTIFICATIONS         31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)         NO       YES         NO       YES         CW1: Construction of Concrete Road:         - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.         - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   |  | ASSIFICATION (if applicab   | le)   |  |  | SSIFICATION (if application)  | ble)                            |                      |
| project)       revised project)         Regional Office V       Regional Office V         17. PROJECT IMPLEMENTATION PLAN (PIP)       Regional Office V         Planned Start Date       Planned End Date         June 25, 2019       August 19, 2019         29. OVERLAP?       30. UNDER WARRANTY?         NO       YES         D. ATTACHMENTS & JUSTIFICATIONS         31. PROJECT IMPLEATION (Explain in detail in Bullet point format; minimum of 2 points)         CW1: Construction of Concrete Road:         - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.         - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   |  |   |   |  |  |   |                                 |                      |
| Regional Office V       Regional Office V         17. PROJECT IMPLEMENTATION PLAN (PIP)       28. PROJECT IMPLEMENTATION PLAN (PIP)         Planned Start Date       Planned End Date         June 25, 2019       August 19, 2019         August 25, 2019       October 12, 2019         29. OVERLAP?       30. UNDER WARRANTY?         ☑ N0       ☑ YES         Import 100 Import 1  |  | NTING OFFICE (Record th   | ne Implementing (   | Office of the original   |  | TING OFFICE (Record t   | he Implementing                 | Office of the propos |
| 17. PROJECT IMPLEMENTATION PLAN (PIP)       28. PROJECT IMPLEMENTATION PLAN (PIP)         Planned Start Date       Planned End Date         June 25, 2019       August 19, 2019         August 25, 2019       October 12, 2019         29. OVERLAP?       30. UNDER WARRANTY?         NO       YES         D. ATTACHMENTS & JUSTIFICATIONS         STECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)         CW1: Construction of Concrete Road:         - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will protect the road from sliding, scouring and erosion of soil.         - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         CW2: Construction of Slope Protection Structure         - W2: Construction of Slope Protection Structure         - W4   |  | ffice V   |   |  |  | ice V   |                                 |                      |
| June 25, 2019       August 19, 2019       August 25, 2019       October 12, 2019         29. OVERLAP?       30. UNDER WARRANTY?         □ NO       YES         D. ATTACHMENTS & JUSTIFICATIONS         31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)         □ NO       YES         □ NA       S2. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)         CW1: Construction of Concrete Road:       .         - Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will protect the road from sliding, scouring and erosion of soil.         - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.  |  |   | N (PIP)   |  |  |   | AN (PIP)                        |                      |
| 29. OVERLAP?       30. UNDER WARRANTY?         ☑ NO       ☑ YES         31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)       ☑ NO         ☑ NO       ☑ YES         ☑ NO       ☑ YES         ☑ NO       ☑ YES         ☑ NA       32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)         CW1: Construction of Concrete Road:       .         . Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.         . Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure         . High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.  | Planned Sta  | art Date  | Planned End   | Date   | Planned Star   | rt Date   | Planned En                      | d Date               |
| Image: Image | June 25, 20  | 19  | August 19, 2  | 019  | August 25, 2   | 019   | October 12                      | , 2019               |
| 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)         CW1: Construction of Concrete Road: <ul> <li>Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.                - Maximize of allocated fund since it is more than enough to cover the original physical target.         CW2: Construction of Slope Protection Structure                - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.</li></ul>   |  |   |   |  |  |   | 30. UNDER W                     | /ARRANTY?            |
| <ul> <li>31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)</li> <li>NO YES N/A</li> <li>32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)</li> <li>CW1: Construction of Concrete Road: <ul> <li>Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.</li> <li>Maximize of allocated fund since it is more than enough to cover the original physical target.</li> </ul> </li> <li>CW2: Construction of Slope Protection Structure <ul> <li>High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.</li> </ul> </li> </ul>   |  |   |   |  |  |   | J NO                            | ☐ YES                |
| <ul> <li>NO □YES ☑ N/A</li> <li>32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)</li> <li>CW1: Construction of Concrete Road:         <ul> <li>Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.</li> <li>Maximize of allocated fund since it is more than enough to cover the original physical target.</li> </ul> </li> <li>CW2: Construction of Slope Protection Structure         <ul> <li>High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.</li> </ul> </li> </ul>  |  |   |   |  | & JUSTIFICA  | TIONS   |                                 |                      |
| <ul> <li>32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)</li> <li>CW1: Construction of Concrete Road:         <ul> <li>Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.</li> <li>Maximize of allocated fund since it is more than enough to cover the original physical target.</li> </ul> </li> <li>CW2: Construction of Slope Protection Structure         <ul> <li>High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.</li> </ul> </li> </ul>   | 31. PROJECT  |   |   | od Control Projects)   |  |   |                                 |                      |
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| <ul> <li>Revision of Component Cost for the inclusion of CW2 - Construction of Slope Protection Structure since the road is along the shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.</li> <li>Maximize of allocated fund since it is more than enough to cover the original physical target.</li> <li>CW2: Construction of Slope Protection Structure</li> <li>High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.</li> </ul>   | The second s |   |   | et point format; minimum   | of 2 points)   |   |                                 |                      |
| shoreline. On the seaside, this structure will prevent coastal erosion and other damages to the road, caused by tides, waves<br>storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.<br>- Maximize of allocated fund since it is more than enough to cover the original physical target.<br>CW2: Construction of Slope Protection Structure<br>- High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   | 32. TECHNICA   |   |   |  |  |   |                                 | road is along the    |
| storm surges; and on the landside, this structure will protect the road from sliding, scouring and erosion of soil.<br>- Maximize of allocated fund since it is more than enough to cover the original physical target.<br>CW2: Construction of Slope Protection Structure<br>- High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   | 32. TECHNICA   | W1: Construction of Co  |   | nclusion of CW2 - Co   | nstruction of Slo  | ope Protection Struct   | ure since the                   |                      |
| CW2: Construction of Slope Protection Structure<br>- High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.  | 32. TECHNICA   | W1: Construction of Co<br>Revision of Componen  | t Cost for the i  |  |  |   |                                 |                      |
| - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   | 32. TECHNICA<br>C<br>-<br>sl   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the  | t Cost for the i<br>e, this structu<br>e landside, this   | re will prevent coasta<br>s structure will prote   | al erosion and o<br>ct the road fron   | ther damages to the<br>n sliding, scouring an   | road, caused                    | by tides, waves a    |
| - High Unit cost for CW2 is due to the use of sheet piles and rubble concrete.   | 32. TECHNICA<br>C<br>-<br>sl   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the  | t Cost for the i<br>e, this structu<br>e landside, this   | re will prevent coasta<br>s structure will prote   | al erosion and o<br>ct the road fron   | ther damages to the<br>n sliding, scouring an   | road, caused                    | by tides, waves a    |
|  | 32. TECHNICA<br>C<br>-<br>si<br>si<br>-  | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is   | re will prevent coasta<br>s structure will prote<br>more than enough t   | al erosion and o<br>ct the road fron   | ther damages to the<br>n sliding, scouring an   | road, caused                    | by tides, waves a    |
| High Unit cost for CW1 and CW2 is attributed to the hauling cost of gravel and Portland cement.  | 32. TECHNICA<br>C<br>si<br>si<br>C<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Slo  | t Cost for the i<br>e, this structure<br>landside, this<br>fund since it is<br>ope Protection                                       | re will prevent coasta<br>s structure will prote<br>more than enough to<br>Structure   | al erosion and o<br>ct the road fron<br>o cover the orig                                       | ther damages to the<br>n sliding, scouring an<br>inal physical target.                              | road, caused                    | by tides, waves a    |
|  | 32. TECHNICA<br>C<br>si<br>si<br>C<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Slo  | t Cost for the i<br>e, this structure<br>landside, this<br>fund since it is<br>ope Protection                                       | re will prevent coasta<br>s structure will prote<br>more than enough to<br>Structure   | al erosion and o<br>ct the road fron<br>o cover the orig                                       | ther damages to the<br>n sliding, scouring an<br>inal physical target.                              | road, caused                    | by tides, waves a    |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves      |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves a    |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves a    |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves a    |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves      |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves      |
|  | 32. TECHNICA<br>C<br>sl<br>si<br>c<br>C<br>C   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2   | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u                    | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves      |
| 33. GEOTAGGED PHOTOS SUBMITTED   | 32. TECHNICA<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                  | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Slo<br>High Unit cost for CW2<br>igh Unit cost for CW1 a                           | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u<br>and CW2 is attr | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves      |
| 33. GEOTAGGED PHOTOS SUBMITTED<br>□ NO ☑ YES   | 32. TECHNICA<br>   | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2<br>igh Unit cost for CW1 a                            | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u<br>and CW2 is attr | re will prevent coasta<br>s structure will protect<br>more than enough to<br>Structure<br>use of sheet piles and                         | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret                     | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.                        | road, caused<br>d erosion of so | by tides, waves a    |
|  | 32. TECHNICA<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                  | W1: Construction of Co<br>Revision of Componen<br>horeline. On the seasid<br>torm surges; and on the<br>Maximize of allocated<br>W2: Construction of Sk<br>High Unit cost for CW2<br>igh Unit cost for CW1 a<br>igh Unit cost for CW1 a | t Cost for the i<br>e, this structu<br>e landside, this<br>fund since it is<br>ope Protection<br>is due to the u<br>and CW2 is attr | re will prevent coasta<br>s structure will prote-<br>more than enough to<br>Structure<br>use of sheet piles and<br>ibuted to the hauling | al erosion and o<br>ct the road fron<br>o cover the orig<br>rubble concret<br>g cost of gravel | ther damages to the<br>n sliding, scouring an<br>inal physical target.<br>e.<br>and Portland cement | road, caused<br>d erosion of so | by tides, waves a    |

| Mconstructed a                                   |                                | oject Modification R |                                     |
|--|--------------------------------|----------------------|-------------------------------------|
| lett   | ver                            | 35. PREPARED BY:     |                                     |
| Reconstructed co<br>letter ; upd<br>all physical | oting RGAS                     | Position:            | Chief, Planning Section             |
| a l'alect  | tangets                        | Date:                |                                     |
|  | RICT OFFICE (If Required)      | ) 3                  | 88. REVIEWED BY REGIONAL OFFICE     |
| Namer  |                                | - Name:              | MARILOUN LACUNA                     |
| Pasifica   |                                | - Position           | Chief, Planning and Design Division |
| Date:  |                                | Date:                |                                     |
| 36. RECOMMENDE                                   | D BY DISTRICT OFFICE (If Requi | red) 39.             | RECOMMENDED BY REGIONAL OFFICE      |
| Name:  |                                | - Name:              | VIRGILIO C. EDUARTE, CESO IV        |
| Position   |                                | - Position           | Regional Director                   |
| osicion  |                                |                      |                                     |

|   |                           | F   | orm for Project  | Modification Requ               | est   |  |  |  |  |
|---|---------------------------|---|--|---------------------------------|---|--|--|--|--|
| UACS (Unified Account Cod                       | le Structure as           |   |  |                                 |   |  |  |  |  |
| 300204100015000                                 |                           |   |  |                                 |   |  |  |  |  |
| Project ID                                      |                           |   |  |                                 |   |  |  |  |  |
| P00330998LZ                                     |                           |   |  |                                 |   |  |  |  |  |
|   | 40. DP                    | WH OFFICE   | OF THE UNDERS  | ECRETARIES FOR OPER             | RATIONS USE ONLY  |  |  |  |  |
|   |                           | Category  | A - Typographical Errors   |                                 |   |  |  |  |  |
|   |                           | Category  | Category B - Change in Station Limits, due to increase or decrease in budget |                                 |   |  |  |  |  |
| Category of Modification                        |                           | Category  | C - Change in Location   |                                 |   |  |  |  |  |
| (choose one)                                    | on                        |   |  | Unit (requires DBM approval)    |   |  |  |  |  |
| (0.0000 0.00)                                   |                           | Adjustmer   | nt - Send to PS-PD to am   | end                             |   |  |  |  |  |
|   |                           | Modificati  | on does not comply with  | DBM Categories                  |   |  |  |  |  |
|   |                           | Augmenta  | tion   | 61                              |   |  |  |  |  |
| Primary Reason for Rea                          | quest (based              | d on Categor  | y of Modification): (ch  | noose one)                      |   |  |  |  |  |
| Category A                                      | Category B                | 3   | Category C   | Category D                      | Adjustment  |  |  |  |  |
|   |                           |   |  |                                 | (Must be no change to target or GAA line item)                                  |  |  |  |  |
| □ Typographical error on<br>Project Description | Overlappir<br>of Work     | ng Sections   | No such barangay   | Change in (IO)                  | Typographical error on Project Component<br>Description                         |  |  |  |  |
| Project Description need                        | Change in station limits, |   | City/Municipality  | (OU)                            | Typographical error in other fields not included in, on not consistent with GAA |  |  |  |  |
| typo error                                      | decrease i                | n budget  |  |                                 | Move funds between Project Components   |  |  |  |  |
|   |                           |   |  |                                 | Add/delete Project Components   |  |  |  |  |
|   | Change in                 | physical target   |  |                                 | Change of Itemized Project Component:   |  |  |  |  |
|   |                           |   |  |                                 |   |  |  |  |  |
|   |                           |   |  |                                 |   |  |  |  |  |
|   |                           |   |  |                                 |   |  |  |  |  |
|   |                           |   |  |                                 | Amount  |  |  |  |  |
|   |                           |   |  |                                 | □ Target  |  |  |  |  |
|   |                           | Revie   | ewed by Office of the  | Undersecretary for Opera        | tions   |  |  |  |  |
| Name:   | LORNA                     | T. R  | (ICAEDOF   |                                 |   |  |  |  |  |
| Signature:                                      | h                         | 5   |  |                                 |   |  |  |  |  |
| Position  | DISTR                     | ICI EN  | GINEER   |                                 |   |  |  |  |  |
| Date:   | 80                        | 6/19  |  |                                 |   |  |  |  |  |
|   | 14 A                      |   | <b>PWH PLANNING</b>  | SERVICE OFFICE USE O            | DNLY  |  |  |  |  |
|   |                           | Category A  | - Typographical Errors   |                                 |   |  |  |  |  |
|   |                           | Category B  | - Change in Station Limi   | ts, due to increase or decrease | in budget   |  |  |  |  |
|   |                           | Category C - Change in Location                               |  |                                 |   |  |  |  |  |
| Category of Modificatio<br>choose one)          | n                         | Category D - Change in Operating Unit (requires DBM approval) |  |                                 |   |  |  |  |  |
| encose oney                                     |                           | Adjustment - Send to PS-PD to amend                           |  |                                 |   |  |  |  |  |
|   |                           | ☐ Modification does not comply with DBM Categories            |  |                                 |   |  |  |  |  |
|   |                           | Augmentat   | ion  |                                 |   |  |  |  |  |
|   |                           |   | Reviewed by  | Planning Service                |   |  |  |  |  |
| Name:   | JANICA ANN                | IA P. OJENAR  | -BE <b>LLOY</b>  | Name:                           | MILAGROS C. MANAYSAY  |  |  |  |  |
| ignature:                                       | 4                         |   |  | Signature:                      | memanayon   |  |  |  |  |
| Position  | Regional Co               | ordinator   |  | Position                        | Chief, Programming Division   |  |  |  |  |
| Date:   | 8/10/1                    | 19  |  | Date:                           | 8/10/1019   |  |  |  |  |
| Addification Form Version 01-                   | 2010                      |   |  |                                 | olicities   |  |  |  |  |