

#### OFFICE OF THE SECRETARY

Manila

April 24, 2023

#### **MEMORANDUM**

TO

**KHADAFFY D. TANGGOL** 

Regional Director DPWH-CAR

Engineer's Hill, Baguio City

ATTENTION:

ALBERTO N. GAHID

District Engineer

Mountain Province First District Engineering Office

Bontoc, Mountain Province

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

OO1: Ensure Safe and Reliable National Road System -Network Development - Off-Carriageway Improvement - Secondary Roads Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152,K0370 + 107 - K0370 + 252, K0370 + 420 - K0370 + 500 - - - ₱11,061,000.00

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 deapy with accordingly.

REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services and Information Management Service, and OIC – Office of Assistant Secretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP



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REY PETER B. GILLE, D.M.

OIC-Assistant Secretary for Technical Services and Information Management Service, and

OIC - Office of Assistant Secretary for Regional Operations

in CAR, Regions I, II, IX, X\_XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP



#### **Programming Division Evaluation Sheet**

ame of Project:	Project ID:	P00712282LZ
guio-Bontoc Rd - K0343 + 087 - K0343 + 152, K0369 + 814 - K0369 + 910, K0375 + 900 - K0376 070	Appropriation:	11,061,000
pplementing Office: Mountain Province 1st District Engineering Office	Appropriation: Date:	04/05/2023
A. TYPE OF REQUEST		0 1/ 00/ 2020
A.1 Change in Implementing Office/Operating Unit due to		
A.1.1 Geographical Jurisdiction		
A.1.2 Approval of Authority to Bid/Implement	DPWH-OS	Tan Can
A.2 PROJECT MODIFICATION/ADJUSTMENTS	DO TO THE	712 1
A.2.1 Typographical Error/s	and the state of the second	reduced to
A.2.2 Change in Location (for <u>non-existent locations</u> only)	APR 1 8 202	
A.2.3 Change in Station Limits	AFN 10 LOL	
A 2 4 Addition/Deletion of Word/s	7	ime:
	INO. 23-0	Ce266
	vo.:	Keogle
A.2.5.2 Change in Scope of Work from		
to		
A.2.5.3 Change in Component Amount		
A.2.5.4 Addition of Component (incl. EXC Component)		
A.2.5.5 Deletion of Component		
A.2.5.6 Movement of Funds between Components		
B. <u>EVALUATION</u>		
B.1 ALLOWED as per the GAA Provisions		
B.2 NOT ALLOWED as per the GAA Provisions		
C. <u>FUND SOURCE FY 2023 GAA, R.A. 11936</u>		
C.1 for issuance of SARO (□Released □Unreleased)	Amount:	
C.2 released thru GAAAO		11,061,000
D. <u>IMPACT:</u>		
D.1 Condition/s: % decrease in unit cost		
35.41 % increase in unit cost		
39.24_ % decrease in physical target		
D.2 Add Conal Project Component		
D.3 Certificate of Cost Reasonableness by RD		
D.4 Remarks: Original Component (CW1 - Paving of Shoulders): there is an increa	se of <u>35.41%</u> in the U	nit Cost and a decrease
Lin Physical Target due to introduction of additional item of work - CW2  Additional Component (CW2 - Construction of Road Slope Protect	tion Structure) to stat	pilize the soil in the
excavated part of the road		
E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of the GAA	T Allotment under	
E.1 Undersecretary for Operations		$\wedge$
E.2 ✓ Secretary ·	1	$\bigcap / \setminus$ .
		)/ 00/13/m
aluated By: Noted By:		1001.70
	STANTE A. LLANES, sistant Secretary, Pla	13
Director, Fightning Service A	Sistant Secretary, Pla	illing Service
ACTION SLIP		
pject ID:	Date:	
R THE SECRETARY		
MARKS: Reviewed by Planning Service		1
Recommended for Approval		
Remarks:	$\sim$	

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



#### OFFICE OF THE SECRETARY

Manila

March 31, 2023

#### **MEMORANDUM**

**FOR** 

MANUEL M. BONOAN

Secretary

This Department

This refers to the memorandum dated 29 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ALBERTO N. GAHID**, **Mountain Province First District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As	per GAA/Origina			As Modified	
		Project D	escription		
UACS No. 31020810	UACS No. 310208100513000				
Project ID: P00712282LZ					
			004 5 6-6	D-11-1-1- N-111-D	
OO1: Ensure Safe and I			OO1: Ensure Safe and I Development - Off-Ca		
Development - Off-Ca Roads	arriageway improv	ement - Secondary	Roads	inageway improve	ment - Secondary
Nodus			rouds		
Baguio-Bontoc Rd - K	0343 + 087 - K03	43 + 152, K0369 +	Baguio-Bontoc Rd - K	0343 + 087 - K03	43 + 152 <b>, K0370</b>
814 - K0369 + 910, k			+ 107 - K0370 + 2		
Type of Work/	Unit Cost	Allocation	Type of Work/	Unit Cost	Estimated Cost
Physical Target CW1- Off-			Physical Target CW1- Off-	<del>-</del>	
Carriageway			Carriageway		
Improvement: Paving	₱ 15,628.29/	B 10 020 700 00	Improvement: Paving	<b>P 21,162.65/</b>	B 0 0 1 7 0 20 0 7
of Shoulders/	sq.m.	₱ 10,839,780.00	of Shoulders/	sq.m.	₱ 8,917,939.07
693.60 sq.m.			<b>421.40</b> sq.m.	**	
			CW2- Construction		
	1		of Road Slope		
			Protection	₱ 2,829.57/	₱ 1,921,840.93
			Structure/ 679.20 sq.m.	sq.m.	
EAO	_	₱ 221,220.00	EAO		₱ 221,220.00
110	Total:	₱ 11,061,000.00	Lino	Total:	₱ 11,061,000.00

#### Justification:

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

- The change in station limits is due to the overlapping of stations with the ongoing FY 2022 Rocknetting Projects of the Regional Office-CAR. Thus, selected critical sections which require immediate intervention to replace the overlapped stations were identified.
- The decrease in physical target/increase in the unit cost is due to the voluminous excavation on the blackspot area (blind curve) of the road to attain the desired width for the shoulder. Thus, CW2- Construction of Road Slope Protection Structures (Gabion and Masonry Breastwalls) are also given priority to stabilize the soil on this excavated part of the road.

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, Certificate of Reasonableness of Cost Estimates and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).



Page 2 of 2

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

ADOR G. CANLAS

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

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

APPROVED/DISAPPROVED:

Secretary

2.3 mksa/MLS/AVS/AGC/ERP

Department of Public Works and Highways
Office of the Secretary

WIN3E02784



#### OFFICE OF THE SECRETARY

Manila

March 31, 2023

#### **MEMORANDUM**

FOR

MANUEL M. BONOAN

Secretary

As per GAA/Original

This Department

This refers to the memorandum dated 29 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ALBERTO N. GAHID**, **Mountain Province First District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As Modified

	.,		escription		
UACS No. 3102081005130	00				
Project ID: P00712282LZ					
OO1: Ensure Safe and Reliable I Development - Off-Carriagewa Roads			OO1: Ensure Safe and I Development - Off-Ca Roads		
Baguio-Bontoc Rd - K0343 + 814 - K0369 + 910, K0375 +		•	Baguio-Bontoc Rd - k + 107 - K0370 + 2		
Type of Work/ Physical Target Unit	t Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
	528.29/ ֈ.m.	₱ 10,839,780.00	CW1- Off- Carriageway Improvement: Paving of Shoulders/ 421.40 sq.m.	<b>₱ 21,162.65</b> / sq.m.	₱ 8,917,939.07
			CW2- Construction of Road Slope Protection Structure/ 679.20 sq.m.	P 2,829.57/ sq.m.	₱ 1,921,840.93
EAO	_	₱ 221,220.00	EAO	_	₱ 221,220.00
Justification	Total:	₱ 11,061,000.00		Total:	₱ 11,061,000.00

#### Justification:

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

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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, Certificate of Reasonableness of Cost Estimates and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

Page 2 of 2

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

ADOR G. CANLAS

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

APPROVED/DISAPPROVED:

MANUEL M BONOAN

Secretary

2.3 mksa/MLS/AVS/AGC/ERP



# Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CORDILLERA ADMINISTRATIVE REGION

Engineer's Hill, Baguio City

March 29, 2023

#### **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: OO1: Ensure Safe and Reliable National Road System - Network Development - Off-Carriageway Improvement - Secondary Roads - Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152, K0369 + 814 - K0369 + 910, K0375

+ 900 - K0376 + 070

We are respectfully forwarding the Memorandum dated March 28, 2023 from District Engineer Alberto N. Gahid, Mountain Province First District Engineering Office, regarding the modification of the above project in the amount of **Eleven Million Sixty-One Thousand Pesos (Php 11,061,000.00)**, as indicated below:

	FROM	то
Project ID	P00712282LZ	
Project Title	Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152, <b>K0369 + 814 -</b> <b>K0369 + 910, K0375 + 900 -</b> <b>K0376 + 070</b>	Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152, K0370 + 107 - K0370 + 252, K0370 + 420 - K0370 + 500
Type of	Off-Carriageway Improvement: Paving of Shoulders	Off-Carriageway Improvement: Paving of Shoulders
Work		CW2 - Construction of Road Slope Protection Structure
Physical	CW1: <b>693.600</b> Square Meters	CW1: <b>421.400</b> Square Meters
Target		CW2: 679.200 Square Meters

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

KHADAFFY D TANGGOL

Regional Director

CAR.1 MGB/EFD/JWC/ABM

Telefax: (074)444-6460, (074)444-8838 \* Email address: dpwh\_car@dpwh.gov.ph



# MOUNTAIN PROVINCE FIRST DISTRICT ENGINEERING OFFICE

CORDILLERA ADMINISTRATIVE REGION Bontoc, Mountain Province

March 28, 2023

**MEMORANDUM** 

FOR

: KHADAFFY D. TANGGOL

Regional Director DPWH-CAR

ATTENTION

: ANGELITA B. MABITAZAN

Chief, Planning and Design Division

**SUBJECT** 

: Submission of Requirements for FY 2023 Modification of the project under Network Development - Off-Carriageway Improvement - Secondary Roads - Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152, K0370 + 107 - K0370 + 252,

K0370 + 420 - K0370 + 500

We are submitting the requirements for the modification of the FY 2023 project "Network Development - Off-Carriageway Improvement - Secondary Roads - Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152, K0370 + 107 - K0370 + 252, K0370 + 420 - K0370 + 500" for your endorsement.

As	per GAA/Origina			As Modified	
		Project D	escription		
UACS No. 31020810	0513000				
Project ID: P00712	282LZ				
OO1: Ensure Safe and F Development - Off-Carr Roads			OO1: Ensure Safe and F Development - Off-Carr Roads		
Baguio-Bontoc Rd - K0343 + 087 - K0343 + 152, K0369 + 814 - K0369 + 910, K0375 + 900 - K0376 + 070			Baguio-Bontoc Rd - K + <b>107 - K0370</b> + <b>2</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Off-			CW1- Off-		
Carriageway			Carriageway		
Improvement: Paving	₱ 15,628.29/	₱ 10,839,780.00	Improvement: Paving	<b>P 21,162.65</b> /	₱ 8,917,939.07
of Shoulders/	sq.m.		of Shoulders/	sq.m.	
693.60 sq.m.			<b>421.40</b> sq.m.		
			CW2- Construction		
			of Road Slope		
			Protection	₱ 2,829.57/	₱ 1,921,840.93
			Structure/ 679.20 sq.m.	sq.m.	
EAO		₱ 221,220.00	EAO		₱ 221,220.00
	Total:	₱ 11,061,000.00		Total:	₱ 11,061,000.00

ALBERTO N. GAHI District Engineer

CAR 18.1 JSA/ACG/ECT/ANG

Telefax: (074) 604-0221\* Email Address: mpdeo\_car@yahoo.com.ph

#### **Tables for Modification Request Form**

		Α.	GENERAL				
1. REGION Cordillera Admini	strative Region	2. DEO  Mountain Province Office	e First District Enginee	ering MO		/E DISTRICT PROVINCE (LONE	
	B. ORIGINAL PROJEC	au	C. Pl	ROPOSED REV	VISED PRO	JECT	
4. UACS (Unified A	Account Code Structu	ire as defined in GA/	Α)				
5. Project Id P00712282LZ	/						
<b>6. Project Catego</b> r OO1: Ensure Safe	<b>'y</b> and Reliable Nationa	Road System					
7. Sub-Program (P	P/A/P)						
Network Develop	ment - Off-Carriagew	ay Improvement - Se	condary Roads	× -			
8. Operating Unit		18. Operating Unit (					
Mountain Province	e First District Engine	ering Office	Mountain Province I	First District E	ngineering	g Office	
9. Type of Work (	Enter Details for all C	omponents below)	19. Type of Work (E	nter Details f	or all Com	ponents below)	
Component ID	Type of Work		Component ID	Type of V	Type of Work		
CW1 Off-Carriageway Improvement: Paving of Shoulders			CW1		Off-Carriageway Improvement: Pav of Shoulders		
			CW2	Constructure Structure		ad Slope Protection	
10. PROJECT DESC	CRIPTION (as recorde	d in GAA)	20. PROJECT DESCR	IPTION (of the	e revised <sub>l</sub>	project)	
	- K0343 + 087 - K034 , <b>K0375 + 900 - K037</b>		Baguio-Bontoc Rd - K0370 + 252, K0370			152, <b>K0370 + 107</b> -	
11. ALLOTMENT (1 11,061	P'000) (as recorded i	n GAA)	21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)  22. CAF (To be from Financial Management of the following from Financial Manag				
11,001	•		11,061		⊠YES	•	
12. PHYSICAL TAR below)	GET (Enter Details fo	r all Components	23. PHYSICAL TARG	ET (Enter Det	ails for all	Components below	
Component ID	Target	Target Unit	Component ID	Target		Target Unit	
CW1	693.600	Square Meters (m2)	CW1	421.40	1	Square Meters (m2)	
			CW2	679.20	7	Square Meters (m2)	
13. UNIT COST (Er	nter Details for all Co	mponents below)	24. UNIT COST (Ente	er Details for	all Compo	nents below)	
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	10,839.780	15.628	CW1	8,917.93	9	21.163	
			CW2	1,921.84	1	2.830	
EAO	221.220		EAO	221.220	_		
			THE PROPERTY OF THE PROPERTY O				

# Cables for Modification Request Form

14. PROJECT WORK LOC accordance with DO 65	CATION (Must be defined in strict Series 2014)	accordance with De	CLOCATION (Must be defined in strict O 65 Series 2014. Also complete "ANNEX A" projects under OO-1)
Start X	End X	Start X	End X
Start Y	End Y	Start Y	End Y
15. ROAD CLASSIFICATION Secondary Road	ON (if applicable)	<b>26. ROAD CLASSIFIC</b> Secondary Road	CATION (if applicable)
Office of the original pro	ICE (Record the Implementing pject) District Engineering Office	the proposed revise	G OFFICE (Record the Implementing Office of ed project)  First District Engineering Office
17. PROJECT IMPLEMEN	TATION PLAN (PIP)		MENTATION PLAN (PIP)
Planned Start Date 05/8/2023	Planned End Date 09/02/2023	Planned Start Date 05/8/2023	Planned End Date 09/02/2023
		29. OVERLAP?	30. UNDER WARRANTY?
		⊠ NO □ YES	⊠ NO □ YES
Change in Station Limits in Paving of Shoulders from Road Slope Protection Structure    The change in structure   Regional Office-office stations were idea    The decrease in a factor of the protection Structure   excavated part of   Attached are the following	693.60 Square Meters to 421.40 Structure due to the following: ation limits is due to the overlappe CAR. Thus, selected critical section entified.  The physical target/increase in the unified the road to attain the desired widt the road  The the road  The supporting documents: Approved	rease in physical target Square Meters and add ing of stations with the as which require immed it cost is due to the volu th for the shoulder. Thu twalls) were also given	th for CW1 - Off-Carriageway Improvement: ditional component CW2 - Construction of enongoing FY 2022 Rocknetting Projects of the diate intervention to replace the overlapped arminous excavation on the blackspot area as, CW2- Construction of Road Slope priority to stabilize the soil on this DW) with Detailed Unit Price Analysis (DUPA), BP 202, Geotagged photos, Certificate of
Reasonableness of Cost Es 33. PHOTOS SUBMITTED	stimates and GIS Map.		
□NO ⊠YES			
34. A MAP OF THE PROPO ☐NO ☑YES	OSED PROJECT WORK LOCATION	SUBMITTED	

## **Tables for Modification Request Form**

	35. F	PREPARED BY	
Name:	JULIE S. AMRANGEB	Position:	Engineer II
Office:	Planning and Design Section	Date:	
36. REVII	EWED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:	ARTEMIO CI GUISALA	Name:	ANGELITÀ E MABITAZAN
Position:	Chief, Planning and Design Section	Position:	Chief, Planning and Design Division
Date:		Date:	
37. RECOMI	MENDED BY DISTRICT OFFICE (If Required)		39. RECOMMENDED BY REGIONAL OFFICE
Name:	ALBERTON, GAHID	Name:	KHADAFFY D. TANGGOL
Position:	District Engineer	Position:	Regional Director
Date:		Date:	

### **Tables for Modification Request Form**

UACS (Unified Account Code Structure as defined in GAA)

310208100513000

Project Id P00712282LZ									
	40.	DPWH OFFIC	E OF THE UN	DERSECRI	ETARIE	S FOR	OPERATI	ONS	
Primary Reason fo	r Request (bas	ed on Catego	ory of Modific	cation): (c	hoose	one)			
Category A	Category B		Category C		Categ	ory D		Impact	
☐ Typographical error on Project Description	Project Change in Station		□ No such Bai □ No such Municip	Change in (IO), requiring a		<ul> <li>□ No change or decreas unit cost</li> <li>□ 20% or less increase in cost</li> <li>□ &gt; 20% increase in unit</li> </ul>	n unit		
	Λ.	Reviewed by	Office of the	Underse	cretar	y for O	peration	\$	
Name: Engr. MANUEL L. SINGSON				Er	ngr. AN	TONIO V	SOBREVIÑAS, JR.		
Signature					Myy				
Position:	Project Manag	ger I			Pr	Project Manager II			
Date:	3/3	1/23				3/31/23			
			41. DPWH P	LANNING	SERV	ICE			
Category of Modif (please check the		☐ Categor☐ Categor☐ Categor☐	ry A — Typogra ry B — Change ry C — Change ry D — Change ation does no	in Station in Locatio in Operat	Limits n, due ing Ur	to nor	uires DBN		
			Reviewed b	y Plannin	g Serv	ice			
Name: ANNA ANDREA M. NOCHE Name:			Name: PETER PAUL R. CORTEZ						
Signature	Indu			Signatur	e:	7	fail		
Position:	Regional Coo	rdinator		Position	: 01	IC - Chie	ef of Prog	ramming Division	
Date:	04.05	-23		Date:					

# ANNEX A: Project Work Location Details for National Roads

			_			
Physical Target	160.80	204.00	150.00	264.60	110.60	210.60
Target Unit	Square Meters	Square Meters	Square Meters	Square Meters	Square Meters	Square Meters
Detail Scope of Work	Paving of Shoulders (L/S) including Roadway Excavation	Construction of Road Slope Protection Structure (Gabion)	Paving of Shoulders (L/S) including Slope Protection and Roadway Excavation	Construction of Road Slope Protection Structure (Masonry Breastwall)	Paving of Shoulders (L/S) including Slope Protection and Roadway Excavation	Construction of Road Slope Protection Structure (Masonry Breastwall)
Type of Work	Off-Carriageway Improvement: Paving of Shoulders	Construction of Road Slope Protection Structure	Off-Carriageway Improvement: Paving of Shoulders	Construction of Road Slope Protection Structure	Off-Carriageway Improvement: Paving of Shoulders	Construction of Road Slope Protection Structure
Length (m)	65	99	145	145	80	80
End Chainage	1932	1932	28879	28879	29127	29127
Start Chainage	1867	1867	28734	28734	29047	29047
End Limit LRP + Disp	K0343 + 152	K0343 + 152	K0370 + 252	K0370 + 252	K0370 + 500	K0370 + 500
Start Limit LRP + Disp	K0343 + 087	K0343 + 087	K0370 + 107	K0370 + 107	K0370 + 420	K0370 + 420
Section ID	S00504LZ	S00504LZ	S00504LZ	S00504LZ	S00504LZ	S00504LZ
Component ID	P00712282LZ - CW1	P00712282LZ CW2	P00712282LZ - CW1	P00712282LZ CW2	P00712282LZ - CW1	P00712282LZ CW2