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

**Programming Division Evaluation Sheet** 

7

Name of Project:	Project ID:	P00713132LZ
Cong. Andres Acop Cosalan Rd - K0322 + 717 - K0322 + 732		
	Appropriation:	1,850,000
Implementing Office: Benguet 1st District Engineering Office	Date:	03/28/2023
A. <u>TYPE OF REQUEST</u>		
A.1 Change in Implementing Office/Operating Unit due to		
A.1.1 Geographical Jurisdiction A.1.2 Approval of Authority to Bid/Implement		
A.2.1 Typographical Error/s		
A.2.2 Change in Location (for <u>non-existent locations</u> only)		
Change in Station Limits		
A.2.4 Addition/Deletion of Word/s		
A.2.5 Change in Project Component/s Details		
A.2.5.1 ✓ Change in Targets		
A.2.5.2 Change in Scope of Work from	7-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
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. EVALUATION		
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		1,850,000
D. IMPACT:		
D.1 Condition/s: 35.36 % decrease in unit cost		
% increase in unit cost		
% decrease in physical target		
54.71_% increase in physical target		
D.2 Additional Project Component		
D.3 Certificate of Cost Reasonableness by RD		
D.4 Remarks: The decrease in Unit Cost is attributed to the lower Cost of boul	ders	
E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modificatio under the GAA	n of Allotment	
E.1 Undersecretary for Operations		
E.2 Secretary	$\frown$	$\sim$
	$\Lambda$	() (mhata
Evaluated By: Noted By:	LI I	- 103/20/5
	TANTE A. LLANES,	
Director, Planning Service Assi	stant Secretary, Plan	nning Service
ACTION SLIP		
Project ID: P00713132LZ	Date:	
FOR: USEC FOR OPERATIONS RRB ERP EKS		
REMARKS: Reviewed by Planning Service		
Recommended for Approval		
Remarks:		
	A A	
(EU	Un V	
MARIA CATALINA	E. CABRAL, CESO	I, Ph.D.
Undergeretant	Diapping and DDD C	

Undersecretary for Planning and PPP Services



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

Manila

March 22, 2023

### MEMORANDUM

FOR : EUGENIO R. PIPO, JR. Undersecretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

This refers to the memorandum dated 14 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer ISAGANI C. CAYME, Benguet First District Engineering Office**, for the **modification** of the project under FY 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original				As Modified	
		Project D	escription		
UACS No. 310108101 Project ID: P0071313					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads		OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads			
Cong. Andres Acop Cosa	alan Rd - K0322+71	.7 - K0322+732	Cong. Andres Acop Cosa	alan Rd - <b>K0338+0</b> 9	90 - K0338+122
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 119.97 sq.m.	₱ 15,112.11/ sq.m.	₱ 1,813,000.00	CW1- Construction of Road Slope Protection Structure / 185.60 sq.m.	₽ <b>9,768.32</b> / sq.m.	₽ 1,813,000.00
EAO	-	₽ 37,000.00	EAO	-	₱ 37,000.00
	Total:	P 1,850,000.00		Total:	P 1,850,000.00
Justification: Store manry Muchine Courts					

- The section represented by the original station limits has already been addressed in the FY 2022 GAA-funded project (P00609551LZ). The new station limits reflect the actual extent of another section with existing road slip. The programmed structure is a cribwall with concrete barrier. Also included in the program is the reconstruction of the shoulder and curb and gutter affected by the road slip.
- The 35.36% reduction in unit cost is attributed to the lower unit cost of boulders. While the revised project location increased the hauling distance for aggregates and materials, the boulder source became nearer (5.80 Km). Since the bulk of the structure is composed of boulders, the lower boulder unit cost resulted to the decrease of overall project unit cost. This, therefore, resulted for an increase in physical target.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, RSM Forms for the new structure, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, and Certificate of Reasonableness of Cost Estimate.

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

### APPROVED/-DISAPPROVED:

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

2.3 aap/MLS/AVS/AGC/ERP



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

Manila

March 22, 2023

### MEMORANDUM

FOR : EUGENIO R. PIPO, JR. Undersecretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII

This refers to the memorandum dated 14 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer ISAGANI C. CAYME, Benguet First District Engineering Office**, for the **modification** of the project under FY 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original				As Modified	
Project D			escription		
UACS No. 310108101 Project ID: P007131					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads Cong. Andres Acop Cosalan Rd - K0322+717 - K0322+732		Preservation Program – with Slips, Slope Collaps	Reliable National Road System - Asse Rehabilitation/Reconstruction of Road e, and Landslide – Secondary Roads alan Rd - <b>K0338+090 - K0338+122</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 119.97 sq.m.	₱ 15,112.11/ sq.m.	₱ 1,813,000.00	CW1- Construction of Road Slope Protection Structure / <b>185.60</b> sq.m.	<b>₱ 9,768.32</b> / sq.m.	₱ 1,813,000.00
EAO	-	₱ 37,000.00	EAO	-	₱ 37,000.00
	Total:	P 1,850,000.00		Total:	P 1,850,000.00

Justification:

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

- The section represented by the original station limits has already been addressed in the FY 2022 GAA-funded project (P00609551LZ). The new station limits reflect the actual extent of another section with existing road slip. The programmed structure is a cribwall with concrete barrier. Also included in the program is the reconstruction of the shoulder and curb and gutter affected by the road slip.
- The 35.36% reduction in unit cost is attributed to the lower unit cost of boulders. While the revised project location increased the hauling distance for aggregates and materials, the boulder source became nearer (5.80 Km). Since the bulk of the structure is composed of boulders, the lower boulder unit cost resulted to the decrease of overall project unit cost. This, therefore, resulted for an increase in physical target.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, RSM Forms for the new structure, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, and Certificate of Reasonableness of Cost Estimate.

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

APPROVED/<del>DISAPPROVED:</del>

EUGENIO PÍPO, JR. Undersecretary for Regional Operations 73 in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 aap/MLS/AVS/AGC/ERP



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

Engineer's Hill, Baguio City

March 14, 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: Organizational Outcome 1: Ensure Safe and Reliable National Road System: Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Cong. Andres Acop Cosalan Rd - K0322+717 - K0322+732

We are respectfully forwarding the Memorandum dated March 13, 2022 from OIC-District Engineer Isagani C. Cayme, Benquet First District Engineering Office, regarding the modification of the above project in the amount of One Million Eight Hundred Fifty Thousand Pesos (Php 1,850,000.00) as indicated below:

	FROM	то
Project ID	P00713132LZ	
Project Title	Cong. Andres Acop Cosalan Rd - <b>K0322+717 - K0322+732</b>	Cong. Andres Acop Cosalan Rd - K0338+090 - K0338+122
Type of Work	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure
Physical Target	119.970 Square Meters	185.600 Square Meters
Allocation	Php 1,850,000	Php 1,850,000

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

For the consideration of the Secretary.

KHADAF TANGGOL Regional Director

CAR.1 DLBC/EFD/JWC/ABM



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BENGUET FIRST DISTRICT ENGINEERING OFFICE CORDILLERA ADMINISTRATIVE REGION Wangal, La Trinidad, Benguet

MAR 1 3 2023

### MEMORANDUM

FOR

: KHADAFFY D. TANGGOL Regional Director

ATTENTION : ANGELITA B. MABITAZAN Chief, Planning and Design Division

SUBJECT : Request for Modification of the CY 2023 Project: Cong. Andres Acop Cosalan Rd - K0322+717 - K0322+732

Respectfully submitted is the request for modification of the above project under Organizational Outcome 1 with subprogram: Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads. The proposed changes are as follows:

Particulars	FROM	то
Project Description	Cong. Andres Acop Cosalan Rd - <b>K0322+717 - K0322+732</b>	Cong. Andres Acop Cosalan Rd - K0338+090 - K0338+122
Physical Target	119.97 Square Meters	185.60 Square Meters
Unit Cost (excluding EAO)	<b>₱15,112.11</b> / Square Meter	<b>P9,768.32</b> / Square Meter

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Undersecretary Maria Catalina E. Cabral, Ph.D., CESO I dated February 20, 2023 with the same subject.

For your perusal.

ISAGANI C. CAYME, CESE C-District Engineer 🖌

CAR.16.1 HGUD/LBP/EGE



Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BENGUET FIRST DISTRICT ENGINEERING OFFICE CORDILLERA ADMINISTRATIVE REGION Wangal, La Trinidad, Benguet

MAR 1 3 2023

### MEMORANDUM

FOR

: KHADAFFY D. TANGGOL Regional Director

ATTENTION : ANGELITA B. MABITAZAN Chief, Planning and Design Division

SUBJECT : Request for Modification of the CY 2023 Project: Cong. Andres Acop Cosalan Rd - K0322+717 - K0322+732

Respectfully submitted is the request for modification of the above project under Organizational Outcome 1 with subprogram: Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads. The proposed changes are as follows:

Particulars	FROM	то
Project Description	Cong. Andres Acop Cosalan Rd - <b>K0322+717 - K0322+732</b>	Cong. Andres Acop Cosalan Rd - K0338+090 - K0338+122
Physical Target	119.97 Square Meters	185.60 Square Meters
Unit Cost (excluding EAO)	<b>₱15,112.11</b> / Square Meter	<b>P9,768.32</b> / Square Meter

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Undersecretary Maria Catalina E. Cabral, Ph.D., CESO I dated February 20, 2023 with the same subject.

For your perusal.

ISAGANI C. CAYME, CESE C-District Engineer

CAR.16.1 HGUD/LBP/EGE

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# <u>CHECKLIST</u>

	C	
	CUECK	
	CHECK PROJECT MODI	
Implementing Office Project Name/Location Project ID	Asset Preservation Program - Re Collapse, and Landslide - Secor Cong. Andres Acop Cosalan Rd : P00713132LZ	Ensure Safe and Reliable National Road System habilitation/ Reconstruction of Roads with Slips, Slope ndary Roads
Project Allocation	: Php1,850,000.00	
<ul> <li>1. Modification Req</li> <li>2. AIP</li> <li>3. Certificate of Avc</li> </ul>	ulability of Funds	
4. Supporting Data a	& Analysis ondition (RBIA Latest Official Database	1
NA b. Traffic Vo NA c. Bridge C	olume Capacity Ratio (for Widening Pr ondition (BMS Latest Official Database	ojects)
MA f. Project Ir	ns (for Road Slips ) mpact Analysis (for Flood Control Proje lan (for Flood Control Projects )	cts)
5. BP 202		
6. Geotagged Photo a. Hard Cop b. Electroni c. Plotted ir	ру	
7. Certificate of No	Overlapping	
a. District Er b. Construc <b>8. ROW Clearance</b>	ngineer tion and Maintenance Division Chiefs	
a. District Er	naineer	
MA b. LGU		
9. Environmental Cl	earances	
_	in a "No Build Zone" (MGB) ting Permit (If Applicable-EMB)	
C. CNC/EC	C/EIA (EMB)	
	(not within a Declared Heritage/Cultu	
	sonableness (for Projects with Change	s in Unit Cost )
	<ol> <li>Coverpage</li> <li>Summary of Quantities</li> <li>Cross Section Showing Changes (if )</li> <li>Source Map</li> </ol>	Applicable )
비) 13. Certificate of Loc		

Checked by:



# **Modification Request Form**

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A. GENERAL						
1. REGION Cordillera Administra	ative Region (CAR)	2. DEO Benguet 1st District	Engineering Office		EGISLATI\ guet (Lone	/E DISTRICT e) District
В.	ORIGINAL PROJEC	T	C. PR	OPOSED REV	/ISED PR	OJECT
4. UACS (Unified Account Code Structure as defined in GAA) 310108101476000						
5. Project ld P00713132LZ					Annual Annual Annual Annual Annual	
6. Project Category 001: Ensure Safe and	Reliable National Ro	ad System				
7. Sub-Program (P/ Asset Preservation Pr		n/Reconstruction of R	coads with Slips, Slope Co	ollapse, and La	ndslide – S	econdary Roads
8. Operating Unit Benguet 1st District F	Engineering Office		18. Operating Unit ( Benguet 1st District Er			oval)
9. Type of Work (En	ter Details for all Compo	nents below)	19. Type of Work (En	ter Details for al	l Componen	its below)
Component ID	Type of Work		Component ID	Type of W	/ork	
P00713132LZ-CW1	Construction of R Structure	oad Slope Protection	P00713132LZ-CW1	Construction Structure	on of Road	Slope Protection
P00713132LZ-EA0			P00713132LZ-EA0			
10. PROJECT DESCR Cong. Andres Acop Co		<i>0</i>	20. PROJECT DESCRIPTION (of the revised project) Cong. Andres Acop Cosalan Rd – K0338+090 – K0338+122			
11. ALLOTMENT (P'000) (as recorded in GAA) 1,850		21. REVISED ESTIMA (P'000) (Equal to, or lov allotment) 1,850				
12. PHYSICAL TARG	ET (Enter Details for all	Components below)	23. PHYSICAL TARGE	T (Enter Details	for all Com	ponents below)
Component ID	Target	Target Unit	Component ID	Target		Target Unit
P00713132LZ-CW1	119.970	Square Meters (m2)	P00713132LZ-CW1	185.600		Square Meters (m2)
P00713132LZ-EA0			P00713132LZ-EA0			
13. UNIT COST (Ente	r Details for all Compone	ents below)	24. UNIT COST (Enter	Details for all Co	mponents b	pelow)
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compone (P'000)	nt Cost	Target Unit Cost (P'000/Target Unit)
P00713132LZ-CW1	1,813.00	15.112	P00713132LZ-CW1	1,813.00		9.768
P00713132LZ-EA0	37.00		P00713132LZ-EA0	37.00		
<b>14. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014)		25. PROJECT WORK with DO 65 Series 2014.	the second se	the second se		
Construction of Road Slope Protection Structure – Cong. Andres Acop Cosalan Rd K0322+717 – K0322+732 (S00379LZ)		Road projects under Construction of Road S Cong. Andres Acop Cos K0338+090 – K0338+	lope Protection salan Rd		-	
Start X	End X		Start X	E	nd X	
Start Y	End Y		Start Y	E	nd Y	
15. ROAD CLASSIFICATION (if applicable) Secondary		26. ROAD CLASSIFICA Secondary	ATION (if appli	cable)		

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## **Modification Request Form**

<ul> <li>16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)</li> <li>Benguet 1st District Engineering Office</li> <li>17. PROJECT IMPLEMENTATION PLAN (PIP)</li> </ul>		<ul> <li>27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)</li> <li>Benguet 1st District Engineering Office</li> <li>28. PROJECT IMPLEMENTATION PLAN (PIP)</li> </ul>		
Planned Start Date 05/15/2023	Planned End Date 7/13/2023	Planned Start Date 05/15/2023	Planned End Date 7/13/2023	
	•	29. OVERLAP?	30. UNDER WARRANTY? ⊠ NO □ YES	
	D. ATTACHME	ENTS & JUSTIFICATIONS		
31. PROJECT IMPACT	ANALYSIS ATTACHED? (For Flood Con	trol Projects)		
	S 🛛 N/A			
32 TECHNICAL ILISTI	ICATION (Evolution in detail in Bullet point	f		

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

- The section represented by the original station limits has already been addressed in the FY 2022 GAA-funded project (P00609551LZ). The new station limits reflect the actual extent of another section with existing road slip. The programmed structure is a cribwall with concrete barrier. Also included in the program is the reconstruction of the shoulder and curb and gutter affected by the road slip.
- The 35.36% reduction in unit cost is attributed to the lower unit cost of boulders. While the revised project location increased the hauling distance for aggregates and materials, the boulder source became nearer (5.80 Km). Since the bulk of the structure is composed of boulders, the lower boulder unit cost resulted to the decrease of overall project unit cost. This, therefore, resulted for an increase in physical target.
- Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, RSM Forms for the new structure, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, and Certificate of Reasonableness of Cost Estimate.

33. PHOTOS S	UBMITTED
<b>□NO</b>	⊠YES
34. A MAP OF	THE PROPOSED PROJECT WORK LOCATION SUBMITTED
□NO	⊠YES

Modification Request Form				
	35. PF	REPARED BY:		
Name:	HARVEY GAREATT U. DELLA	Position: Engineer II		
Office:	Benguet 1st DEO	Date: MAR 9 9 2023		
36. REVIEWE	D BY DISTRICT OFFICE (If Required)	38. REVIEWED BY REGIONAL OFFICE		
Name:	LOIDA B. PASCUA	Name: ANGELITA B. MABITAZAN		
Position:	Chief of Planning and Design Section	Position: Chief of Planning and Design Division		
Date: /	MAR 1 9 2023	Date:		
37. RECOMMEN	IDED BY DISTRICT OFFICE (If Required)	39. RECOMMENDED BY REGIONAL OFFICE		
Name:	ISACANI C. CAYME, CESE	Name: KHADAFFID. TANGGOL		
Position:	OIC-District Engineer 7	Position: Regional Director		
Date:	MAR 1 3 2023	Date:		

## **Modification Request Form**

UACS (Unified Account Code Structure as defined in GAA)

### 310108101476000

Project Id

P00713132LZ

### 40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

#### Primary Reason for Request (based on Category of Modification): (choose one) **Category A Category B Category C Category D** Impact □ Typographical □ Overlapping Sections □ No such □ Change in (IO), □ No change or decrease in unit error on Project Barangay requiring a change Change in Station cost Description in the (OU) □ No such City or Limits □ 20% or less increase in unit cost Municipality Change in Physical □ > 20% increase in unit cost Target Reviewed by Office of the Undersecretary for Operations Engr. MANUEL L. SINGSON Name: Engr. ANTONIO V. SOBREVIÑAS, JR. Signature Position: **Project Manager Project Manager II** Date: **41. DPWH PLANNING SERVICE** □ Category A – Typographical Error □ Category B – Change in Station Limits **Category of Modification** □ Category C – Change in Location, due to non-existing location (please check the appropriate) □ Category D – Change in Operating Unit (requires DBM approval) □ Modification does not comply with DBM Categories **Reviewed by Planning Service** ANNA ANDREA M. NOCHE Name: Name: PETER PAUL R. CORTEZ Signature Signature: Position: **Regional Coordinator** Position: **Chief of Programming Division** 3 28 23 Date: Date:

# ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
P00713132LZ-CW1	S00379LZ	K0338+090	K0338+122	20112	20144	32	Construction of Road Slope Protection Structure	Cribwall (R/S)	Square Meter	185.600