

Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

CENTRAL OFFICE Manila



ADB Loan No. 4432-PHI and AIIB Loan No. L0724A
ADB Project P52310-001 - Republic of the Philippines:
Bataan-Cavite Interlink Bridge Project
AIIB Project P000724 - Philippines Bataan-Cavite Interlink Bridge
Project - Tranche 1

Contract ID No. **24Z00016**, Contract Package 6 (CP6) – Construction of South Channel Bridge and High-Level Approaches (HLA)

SUPPLEMENTAL BULLETIN No. 7

This Supplemental Bulletin No. 7 is issued to amend certain provisions of the Bidding Documents (BD) and shall form an integral part of the same, to wit:

I. BIDDING DOCUMENTS

i. Section 4 – Bidding Forms, Bill of Quantities

The provisions of the Pay Items found on pages 4-47R, 4-49, 4-50, 4-51, 4-52R, and 4-54R are revised with the following (Refer to the attached revised pages 4-47R-a, 4-49R, 4-50R, 4-51R, 4-52R-a, and 4-54R-a) to wit:

FROM				ТО					
	Bill of Quantities				Bill of Quantities				
PAY ITEM NO.	DESCRIPTION	UNIT	QTY	PAY ITEM NO.	DESCRIPTION	UNIT	QTY		
	PART F – BRIDGE CONSTRU	CTION			PART F – BRIDGE CONSTRUC	CTION			
I. SOUTH (CHANNEL BRIDGE (CABLE-STAYED) ST (1,800 m)	ATION 16+	745 TO 18+545	I. SOUTH CH	HANNEL BRIDGE (CABLE-STAYED) STA (1,800 m)	ATION 16+	745 TO 18+545		
709(2)	Steel Coating	l.s.	1.00	403(5)a2.3 Structural Steel, Furnished, Fabricated, and Erected, kg. Grade 50 (Tower Head)					
712(1)	Structural Metal	kg.	1,177,000.00	709(2)	Steel Coating	l.s.	1.00		
II. SOUTH (F	HIGH-LEVEL APPROACH-HLA), STATIOI + 195.00; LENGTH = 650.0		.00 - STATION 19	712(1)	Structural Metal	kg.	1,177,000.00		
406(2)c1	Prestressed Concrete (Fabrication of Box Girder)	cu.m	15,715.00	II. SOUTH (HI	GH-LEVEL APPROACH-HLA), STATION + 195.00; LENGTH = 650.0		.00 - STATION 19		
406(2)c2	Prestressed Concrete (Installation/Erection of Box Girder) (100m)	each	10.00	406(2)b	Prestressed Concrete (Box Girder)	cu.m	15,715.00		
406(2)c3	Prestressed Concrete (Installation/Erection of Box Girder) (75m)	each	4.00	406(2)c2	Prestressed Concrete (Installation/Erection of Box Girder) (100m)	each	10.00		
413(4)h1	Modular Expansion Joint	each	2.00	4 06(2)c3	Prestressed Concrete (Installation/Erection of Box Girder) (75m)	each	4.00		
III. NORTH	(HIGH-LEVEL APPROACH-HLA), STATI 16+745.00; LENGTH = 650.		5.00 - STATION	413(4)h1	Modular Expansion Joint	each	2.00		
406(2)c1	Prestressed Concrete (Fabrication of Box Girder)	cu.m	15,715.00	III. NORTH (HIGH-LEVEL APPROACH-HLA), STATION 16+095.00 – STATION 16+745.00; LENGTH = 650.00m					
406(2)c2	Prestressed Concrete (Installation/Erection of Box Girder) (100m)	each	10.00	406(2)b	Prestressed Concrete (Box Girder)	cu.m	15,715.00		
406(2)c3	Prestressed Concrete (Installation/Erection of Box Girder) (75m)	each	4.00	406(2)c2	Prestressed Concrete (Installation/Erection of Box Girder) (100m)	each	10.00		

413(4)h1	Modular Expansion Joint (10.72m)	each	2.00	406(2)c3	Prestressed Concrete (Installation/Erection of Box Girder) (75m)	each	4.00	
	PART H - MISCELLANEOUS STE	RUCTURES	1960 a Giller (1963)	413(4)h1	Modular Expansion Joint (10.72m)	each	2.00	
I. SOUTH CH	HANNEL BRIDGE (CABLE-STAYED) ST (1,800 m)	ATION 16+7	45 TO 18+545		PART H – MISCELLANEOUS STRU	JCTURES		
616(1)	Wind Barrier	Lm.	171.00	I. SOUTH CHANNEL BRIDGE (CABLE-STAYED) STATION 16+745 TO 18+54 (1,800 m)				
				616(1)	Wind Barrier	Lm.	343.00	

ii. Annex II - Environmental Management Plan

The following documents are provided as annexes to Annex II - Environmental Management Plan:

- Annex 1: Critical Habitat Assessment
- Annex 2: Preliminary Biodiversity Action Plan
- Annex 3: Visual Impact Assessment
- Annex 4: Bridge Deck Drainage Maintenance Letter and Memo
- Annex 5: Underwater Acoustic Assessment
- Annex 6: Stakeholder Engagement Records Updated
- Annex 7: Climate Change Study Updated
- Annex 8: Updated Traffic Study Report
- Annex 9: Noise Impact Assessment
- Annex 10: Cumulative Technical Memorandum

These annexes may be accessed and downloaded through the link provided: https://tinyurl.com/P6EIAAnnex

For the information and guidance of all concerned.

ADOR G. CANLAS

Undersecretary for Technical Services and Information Management Service Chairperson, Bids and Awards Committee (BAC) for Civil Works

PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST (PhP)	TOTAL (PhP)
	PART F – BRIDGE C	ONSTRUC	TION		
I. SOUTH C	HANNEL BRIDGE (CABLE-STAYED) S	STATION 1	16+745 TO 18+54	5 (1,800m)	
400(11)a	Steel Pipe Pile (Inclusion Pile) Furnished and Driven, (2500mm Diameter x 25mm thick)	l.m.	20,240.00		
400(18)c.1	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 38mm thick)	l.m.	7,200.00		
400(18)c.2	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 38mm thick) Dolphin System	l.m.	4,000.00		
400(18)d.1	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 50mm thick)	l.m.	6,500.00	and Colombia (1985) and Colombia (1985) control of colombia (1985) and Colombia (1985)	The second secon
400(26)a	Pile Integrity Testing (Crosshole -Sonic)	each	64.00		Andrew State Control of the St
400(27)	High Strain Dynamic Testing (PDA)	each	242.00	· · · · · · · · · · · · · · · · · · ·	
401(1)a2.1	Metal Railing, Grade 50, Steel (Pedestrian Railing)	l.m.	3,600.00		
401(1)a2.2	Metal Railing, Grade 50, Steel (Traffic Barrier)	l.m.	7,200.00		
403(5)a2.1	Structural Steel, Furnished, Fabricated and Erected, Grade 50(Orthotropic Box Girder for Cable-Stayed	kg.	49,750,000.00		Mayor Wall for mind and depth and de
403(5)a2.2	Structural Steel, Furnished, Fabricated and Erected, Grade 50 (Inspection Ladders / Metal Platform)	kg.	1,141,000.00		4 · 4 · 4 · 4 · 4 · 4 · 4 · 4 · 4 · 4 ·
403(5)a2.3	Structural Steel, Furnished, Fabricated and Erected, Grade 50 (Tower Head)	kg.	1,177,000.00		
403(5)a3	Structural Steel, Furnished, Fabricated and Erected, Grade 70 (Orthotropic Box Girder for Cable-Stayed Bridge)	kg.	330,000.00		
READ AND A	CCEPTED AND GOOD FOR AGREEME	ENT		**************************************	
Signature Printed Name n the Capacity	day of, :				
July Authorize	d to sign bids for and on behalf of				

PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST (PhP)	TOTAL (PhP)				
PART F – BRIDGE CONSTRUCTION									
I. SOUTH C	HANNEL BRIDGE (CABLE-STAYED) S	TATION 1	6+745 TO 18+54	5 (1,800m)					
417(3)b	Spherical Bridge Bearing, Unrestrained, Vertically Installed	each	4.00						
417(4)a	Dampers, Lock-up Devices and Combined Dampers/Lock-up Devices (D/LUD @ Towers)	each	16.00		Security of the security				
417(4)b	Dampers, Lock-up Devices and Combined Dampers/Lock-Up Devices (Viscous Damper at Exp. Its)	each	8.00						
418(1)	Shear Key Assembly (Universal)	each	8.00						
423(1)1a	Stay Cable and Tie-Down (Furnish and Install Strand & Anchorage, HDPE Pipes, Guide Pipes Assembly)	kg	4,600,000.00						
423(1)1b	Stay Cable (Dampers)	each	200.00						
423(1)1c	Stay Cable (Deviators at Tower)	each	200.00		And Charles and Charles and Spirite in the contract of the Charles and Charles				
423(1)1d	Stay Cable Hardening	each	200.00						
423(1)1e	Stay Fire Protection	each	200.00	······································	MOVEMBER OF THE PROPERTY OF TH				
READ AND A	CCEPTED AND GOOD FOR AGREEM	ENT		······································	. Адоній тесторую до Адройскій посторую до				
Signature Printed Name In the Capacity	day of, : ; y of :_ ed to sign bids for and on behalf of :_								

	(HIGH-LEVEL APPROACH-HLA), STA' H = 650.00m	TION 18 +	545.00 - STATIC)N 19 + 195.00);
40 0 (18) d. 1	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 50mm thick)	l.m.	5,321.00	go general Richards and Artist an	indire intervitoj scirilidades gają plące
400(18)d.2	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 50mm thick) Dolphin System	l.m.	2,623.00		
400(26)a	Pile Integrity Testing (Crosshole-Sonic)	each	11.00	n (
400(27)	High Strain Dynamic Testing (PDA)	each	100.00		ngay in ann an ann ann ann ann ann ann ann a
401(1)a2.2	Metal Railing, Grade 50, Steel (Traffic Barrier)	l.m.	2,600.00		
401(2)c	Concrete Railing (Concrete Curb)	l.m.	2,600.00	Autorial control of the control of t	
403(5)a2.2	Structural Steel, Furnished, Fabricated, and Erected, Grade 50 (Inspection Ladders / Metal Platform)	kg.	329,825.00		e erze a fen else entre er y genelyssage) gange entre e
404(1)b	Reinforcing Steel Bars, Grade 60 (On-Shore)	kg.	4,495,847.00		erthinadiiningi/panayht/panayqqqi car
404(1)b.1a	Reinforcing Steel Bars, Grade 60 (Pier, Pier Cap)	kg.	4,842,293.00	The state of the s	
404(1)b.1b	Reinforcing Steel Bars, Grade 60 (Off- Shore) (Pile, Pile Cap)	kg.	4,528,774.00		i en inggrig dan pennagan papanana
404(1)b.1c	Reinforcing Steel Bars, Grade 60 (Off- Shore) (Dolphin System)	kg.	3,098,508.00	Fig. 400 to 200 files, control of the control of th	do et juito se mendo aggreneria, con
405(1)d4.3	Structural Concrete, fc'= 35MPa, 28 Days - Type II (Piers, Pier Caps)	cu.m.	14,599.00		and the second s
405(1)d4.4	Structural Concrete, fc'= 35MPa, 28 Days - Type II (Pile Caps)	cu.m.	13,195.00		Microsoft State Control of the Contr
405(1)d4.5	Structural Concrete, fc* 35MPa, 28 Days - Type II (Pile Caps) (Dolphin System)	cu.m.	15,281.00	Charles and the annual file of the specified from the specified for the specified for the specified from the specified for the specified f	in non-view movem glinus make caking may
406(2)b	Prestressed Concrete (Box Girder)	cu.m.	15,715.00		AND THE PROPERTY OF THE PROPER
	ACCEPTED AND GOOD FOR AGREEM	ENT	and the contract and th	militari kanandiga sara jaga tambar an amengan aya Tu 2000 awalif anaga angan	golius or veg est sight executing development in year in
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	ed to sign bids for and on behalf of :				

PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST (PhP)	TOTAL (PhP)
	PART F – BRIDGE CO	NSTRUC	TION		A STATE OF THE PARTY OF THE PAR
	HIGH-LEVEL APPROACH-HLA), STATI I = 650.00m	ON 18 + 5	545.00 - STATIO	N 19 + 195.0	J0;
406(3)a1	Installation, Testing and Grouting of Prestressing Steel (100m)	each	10.00		
406(3)a2	Installation, Testing and Grouting of Prestressing Steel (75m)	each	4.00		13/8/14/7/10/14/14/14/14/14/14/14/14/14/14/14/14/14/
417(4)c	Dampers, Lock-up Devices and Combined Damper/Lock-Up Devices (D/LUD @ HLA)	each	14.00		
417(5)	Friction Pendulum Bearing (FPB)	each	32.00		
III. NORTH (LENGTH = 6	HIGH-LEVEL APPROACH-HLA), STAT	ION 16 +	095.00 - STATIO	N 16 + 745	.00;
400(18)d.1	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 50mm thick)	l.m.	6,848.00		
400(18)d.2	Concrete Piles (Cast in Steel Shells- CISS) (2800mm Diameter x 50mm thick) Dolphin System	l.m.	3,475.00		
400(26)a	Pile Integrity Testing (Crosshole-Sonic)	each	11.00	A COMP with residence and the comment	
400(27)	High Strain Dynamic Testing (PDA)	cach	102.00		
401(1)a2.2	Metal Railing, Grade 50, Steel (Traffic Barrier)	l.m.	2,600.00		
401(2)c	Concrete Railing (Concrete Curb)	l.m.	2,600.00		
403(5)a2.2	Structural Steel, Furnished, Fabricated, and Erected, Grade 50 (Inspection Ladders / Metal Platform)	kg.	329,825.00		The state of the s
404(1)b	Reinforcing Steel Bars, Grade 60 (On- Shore)	kg.	4,495,847.00		
404(1)b.1a	Reinforcing Steel Bars, Grade 60 (Off- Shore) Pier, Pier Cap	kg.	4,860,593.00	y colligionia minima mandri Aggangia mana a santana a santang a santang a santang a santang a santang a santang	
Dated this Signature Printed Name In the Capacity	ccepted and good for agreeme day of y of ed to sign bids for and on behalf of	NT -			

PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST (PhP)	TOTAL (PhP)
	PART F – BRIDGE CO	NSTRUC	TION	MER - Professor C. J. Segar Friedrich (* 17 Verland der	Callege Commence of the Confession of the Confes
	HIGH-LEVEL APPROACH-HLA), STAT = 650.00m	TON 16+	095.00 - STATIC)N 16 + 745	.00;
404(1) b.1b	Reinforcing Steel Bars, Grade 60 (Off- Shore) Pile, Pile Cap	kg.	4,679,539.00	g nonecjianský umrakámingu pový právnejší se o náziaho s. du zá	
404(1)b.1c	Reinforcing Steel Bars, Grade 60 (Off- Shore) Pile, Pile Cap Dolphin	kg.	3,320,344.00	and the services of the control of t	The state of the s
405(1)d4.3	Structural Concrete, fc= 35MPa, 28 Days - Type II (Piers, Pier Caps)	cu.m.	14,743.00	TO THE RESIDENCE OF THE PARTY O	
405(1)d4.4	Structural Concrete, fc'= 35MPa, 28 Days - Type II (Pile Caps)	cu.m.	13,627.00		
405(1)d4.5	Structural Concrete, fe'= 35MPa, 28 Days (Type II) Offshore, Pile Cap Dolphin	cu.m.	15,281.00		
406(2)b	Prestressed Concrete (Fabrication of Box Girder)	cu.m.	15,517.00	Bereite en Proposition de l'encomment de la lance de la comment de l'encomment de l'encomment de l'encomment d	
406(3)a1	Installation, Tensioning and Grouting of Prestressing steel (100m)	each	10.00	optis kaj kili kilok kilo sila esta kaj tilok ili kombinario galantik kili kilok ili I	
406(3)a2	Installation, Tensioning and Grouting of Prestressing steel (75m)	each	4.00	en e	Service Annual Control of the Contro
417(4)c	Dampers, Lock-up Devices and Combined Damper/Lock-Up Devices (D/LUD @ HLA)	each	14.00	a Talandin Maria da Talandin Maria da Talandin da Talandin da Talandin da Talandin da Talandin da Talandin da T	
417(5)	Friction Pendulum Bearing (FPB)	each	32.00		
	Total Cost (Part F) (Carried to Summary) (Pesos			inter Berlind Control of America Assessment Control of	Martin confession in the statement and the state
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Dated this Signature Printed Name In the Capacity Duly Authorize	:				

PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST (PhP)	TOTAL (PhP)
Laborate and information and anti-control and authority of the second control and anti-control and a	PART H – MISCELLANE	OUS STRU	CTURES	Market and Application of the Control of the Contro	March Assessment Springer, and
	HANNEL BRIDGE (CABLE-STAYED), = 1,800.00m	STATION 1	l6 + 745.00 - ST	ATION 18+	545.00;
616(1)	Wind Barrier	lm.	343.00		-
1100(10)	Electrical Works (Conduit, Boxes and Fittings Rough-in)	l.s.	1.00		
1109(7)	Lightning Protection and Grounding System	l.s.	1.00		
1203(2)	Tower Elevator	l.s.	1.00		
1400(9)	Buoy / Aid to Navigation	set	20.00		
II. SOUTH (H LENGTH =	IIGH-LEVEL APPROACH-HLA), STAT = 650.00m	TON 18 + 54	5.00 - STATIO	N 19 + 195.0	0;
1100(10)	Electrical Works (Conduit, Boxes and Fittings Rough-in)	l.s.	1.00		
	HIGH-LEVEL APPROACH-HLA), STA = 650.00m	TION 18 + :	545.00 - STATI	ON 19 + 195.	00;
1100(10)	Electrical Works (Conduit, Boxes and Fittings Rough-in)	1.s.	1.00		
	Total Cost (Part H) (Carried to Summary) (Pesos	The second secon			
	and	no management of the contract			
	centavos)	of the second se			
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