



Data change 42

CD

### PROGRAM OF WORKS/BUDGET COST

Project	. CONSTRUCTION/EX	MAINTENANCE OF FLOOD MITIGATION STRUCTURES AND DRAINAGE SYSTEMS- TENSION OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, ION ALONG DIPOLOG-OROQUIETA ROAD, DAPITAN CITY, ZAMBOANGA DEL NORTE
Project ID	:	
Location	: DAPITAN CITY , ZAM	MBOANGA DEL NORTE
Station Limits	: 1+332.00 - 1 + 551.4	45, 1 + 570.54 - 1 + 669.00, 1 + 678.00 - 1 + 875.09
Appropriation	: Php	115,000,000.00
Source of Fund	:	

: (a) Road Net Length 515.00 In.m. (b) Bridge (c) Others Target Start Date Total Project Duration CD No. of Pre-determined 76 CD

44

35				AS	S SUBMITTED	AS EVALUATED		
	DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
Part	A: Facilities for the Engineer			1.40	1,249,572.47			
	B: Other General Requirements			0.60	531,464.96			
	C: Earthwork			1.31	1,164,532.84			
	D: Subbase and Base Course			0.84	747,776.67			
7-17-	J: Flood Control and Drainage			7.36	6,557,194.10			
	F: Bridge Construction			18.16	16,169,695.98			
	G: Drainage and Slope Protection Structures			27.81	24,764,660.20			
	1: Materials Details			0.37	333,401.20			
	I-B Bank and Slope Protection Works			42.15	37,538,927.95			
		Total		100.00	89,057,226.38			

### EQUIPMENT:

DESCRIPTION	REQUIRED
(PLS. SEE FORM POW-	ANNEX B)

### BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	6,556,206.41	
2. Materials	73,000,089.25	
3. Rental of Equipment	9,500,930.72	
4. Provisional Sum / Daywork		
5. OCM and Profit	15,838,274.42	
6. Value Added Tax	5,244,775.04	
7. EAO, %	3,854,909.65	
8. RROW Acquisition	1,004,814.51	
9. Physical Reserved (Contingency)		
10.TOTAL ESTIMATED COST	115,000,000.00	

	AS SUBMITTED	AS EVALUA
A. Total Direct Cost	89,057,226.38	
B. OCM and Profit	15,838,274.42	
C. Value Added Tax	5,244,775.04	
D. Total Construction Cost	110,140,275.83	
E. Eng'g & Administrative Overhead, %	3,854,909.65	
F. RROW Acquisition	1,004,814.51	
G. Physical Reserved (Contingency)		
H. TOTAL ESTIMATED COST	115,000,000,00	

Preparation and Submission:

JØSEPHINE B. RENGQUIJO

Engineer II

Prepared by:

Checked/Submitted by

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee

DPWH RO9

Reviewed as to Unit Cost:

Evaluation:

SATURNINO C. TORREFRANCA

Olc-Chief, Planning & Design Division

DPWH RO9

Approval:

Recommending Approva

KHADAFFY D. TANGGOL

Unworkable Days

OIC-Assistant Regional Director DPWH R09

Approved:

CAYAMOMBAO D. DIA

O/C-Regional Director DPWH RO9



### DPWH AGGIONAL OFFICE IX

CONSTRUCTION/MAINTENANCE OF FLOOD MITIGATION STRUCTURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTENSION OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION ALONG DIPOLOG-OROQUIETA ROAD, DAPITAN CITY, ZAMBOANGA DEL NORTE DAPITAN CITY , ZAMBOANGA DEL NORTE

### APPROVED BUDGET FOR THE CONTRACT

Contract Duration

110

	4							Contract Duration :	44
TEM NO.	DESCRIPTION	ESTIMATED DIRECT COST	TO	TAL MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT COST	
TEM NO.	DESCRIPTION		ESTIMATED BIREST GGGT	% VALUE			COST	100 000 WALST 400 COLORODO	A THE SECOND STATE OF THE
		AS EVALUATED							
PART A	FACILITIES FOR THE ENGINEER	AS SUBMITTED	1,249,572.47		102,175.59	67,587.40	169,763.00	1,419,335.46	
	AND AND A DECLUDENTIA	AS EVALUATED							
PART B	OTHER GENERAL REQUIREMENTS	AS SUBMITTED	531,464.96	9	26,384.81	27,892.49	54,277.30	585,742.26	
		AS EVALUATED						Will HARD COURT HE WAS TO	
PART C	EARTHWORK	AS SUBMITTED	1,164,532.84		209,615.91	68,707.44	278,323.35	1,442,856.19	
Charles and the control of the contr		AS EVALUATED							
PART D	SUBBASE AND BASE COURSE	AS SUBMITTED	747,776.67		134,599.80	44,118.82	178,718.62	926,495.29	
		AS EVALUATED						and the same of the same	
PART J	FLOOD CONTROL AND DRAINAGE	AS SUBMITTED	6,557,194.10		1,180,294.94	386,874.45	1,567,169.39	8,124,363.49	
		AS EVALUATED			•	0		15.	
PART F	BRIDGE CONSTRUCTION	AS SUBMITTED	16,169,695.98		2,910,545.28	954,012.06	3,864,557.34	20,034,253.32	
		AS EVALUATED					2.		
PART G	DRAINAGE AND SLOPE PROTECTION	AS SUBMITTED	24,764,660.20		4,457,638.84	1,461,114.95	5,918,753.79	30,683,413.99	
100000000000000000000000000000000000000		AS EVALUATED							
PARTI	MATERIALS DETAILS	AS SUBMITTED	333,401.20		60,012.22	19,670.67	79,682.89	413,084.09	
		AS EVALUATED							
PART I-B	BANK AND SLOPE PROTECTION	AS SUBMITTED	37,538,927.95		6,757,007.03	2,214,796.75	8,971,803.78	46,510,731.74	
	TOTAL	AS EVALUATED						BSS-NOTES-parisons	
	TOTAL	AS SUBMITTED	89,057,226.38		15,838,274.42	5,244,775.04	21,083,049.46	110,140,275.83	

Preparation and Submission:

JOSEPHINE B. RENGQUIJO

Prepared by:

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee

DRWH RO9

Evaluation:

Reviewed as to Unit Cost

SATURNING C. TORREFRANCA

OJC-Chief, Planning & Design Division

DPWH RO9

Approval:

Recommending Approval:

KHADAFFY D TANGGOL

OIC-Assistant Regional Director

DPWHR09

Approved:

CAYAMOMBAO D. DIA

Regional Director

DPWH RO9



### DPWH REGIONAL OFFICE IX

CONSTRUCTION/MAINTENANCE OF FLOOD MITIGATION STRUCTURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTENSION OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION ALONG DIPOLOG-OROQUIETA ROAD, DAPITAN CITY, ZAMBOANGA DEL NORTE

### APPROVED BUDGET FOR THE CONTRACT

Contract Duration:

										Contract Duration :	
			OLI INTER		ESTIMATED DIRECT		TOTAL MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT COST
ITEM NO.	DESCRIPTION		QUANTITY	UNIT	COST	%	VALUE	VAI	COST	TOTAL COOT	01111 0001
PART A	FACILITIES FOR THE ENGINEER										
ANTON MINES		AS EVALUATED									
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS SUBMITTED	1.00	L.S.	475,828.85	18%	85,649.19	28,073.90	113,723.09	589,551.94	589,551.94
	Provision of Furnitures/Fixtures, Equipment and Appliances	AS EVALUATED									
A.1.1(11)	or the Field Office for the Engineers	AS SUBMITTED	1.00	L. S.	206,580.00	8%	16,526.40	11,155.32	27,681.72	234,261.72	234,261.72
		AS EVALUATED									
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	AS SUBMITTED	1.00	L.S.	567,163.62	0%		28,358.18	28,358.18	595,521.80	595,521.80
	TOTAL OF DARK A	AS EVALUATED									
	TOTAL OF PART A	AS SUBMITTED			1,249,572.47		102,175.59	67,587.40	169,763.00	1,419,335.46	
PART B	OTHER GENERAL REQUIREMENTS										
		AS EVALUATED									
B.5	Project Billboard/Signboard	AS SUBMITTED	4.00	units	14,579.49	18%	2,624.31	860.19	3,484.50	18,063.99	4,516.00
	0 1 1 0 1 10 10 10 10 10 10 10 10 10 10	AS EVALUATED						-			
B.4 (1)	Construction Survey and Staking	AS SUBMITTED	0.52	km.	14,737.69	18%	2,652.78	869.52	3,522.31	18,260.00	35,456.31
	O S I O S I	AS EVALUATED									
B.7	Occupational Safety and Health Program	AS SUBMITTED	1.00	L. S.	263,846.50	8%	21,107.72	14,247.71	35,355.43	299,201.93	299,201.93
D.0	NA-L'II-AE O Down-Lillianian	AS EVALUATED									000 010 01
B.9	Mobilization & Demobilization	AS SUBMITTED	1.00	L. S.	238,301.28	0%		11,915.06	11,915.06	250,216.34	250,216.34
	TOTAL OF PART B	AS EVALUATED									
	TOTAL OF PART B	AS SUBMITTED			531,464.96		26,384.81	27,892.49	54,277.30	585,742.26	
PART C	EARTHWORK										
10.110	F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AS EVALUATED									
104(2)a	Embankment from Borrow	AS SUBMITTED	1,597.00	cu.m.	1,164,532.84	18%	209,615.91	68,707.44	278,323.35	1,442,856.19	903.48
	TOTAL OF PART C	AS EVALUATED									
-	IOTALOFPARIC	AS SUBMITTED			1,164,532.84		209,615.91	68,707.44	278,323.35	1,442,856.19	

Preparation ar	d Submission:
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Prepared by:

HINE B. RENGOULJO

DPWH ROS

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee

BRWH RO9

Evaluation:

Reviewed as to Unit Cost

OIC-Chief, Planning & Design Division

DPWH RO9

PART D	SUBBASE AND BASE COURSE					4					
	The Lorentz and the Control of the C	AS EVALUATED					1				20 10 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20
200(1)	Aggregate Subbas Course	AS SUBMITTED	711.00	cu.m.	747,776.67	18%	134,599.80	44,118.82	178,718.62	926,495.29	1,303.09
		AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED			747,776.67		134,599.80	44,118.82	178,718.62	926,495.29	
PART J	FLOOD CONTROL AND DRAINAGE										
		AS EVALUATED									
1702(1)	Structure Excavation	AS SUBMITTED	4,592.00	cu.m.	1,055,378.03	18%	189,968.05	62,267.30	252,235.35	1,307,613.38	284.76
		AS EVALUATED									300 40
1704(1)a	Embankment	AS SUBMITTED	7,545.00	cu.m.	5,501,816.07	18%	990,326.89	324,607.15	1,314,934.04	6,816,750.12	903.48
		AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED			6,557,194.10		1,180,294.94	386,874.45	1,567,169.39	8,124,363.49	
PART F	BRIDGE CONSTRUCTION										
12212010		AS EVALUATED									22.22
404(1)a	Reinforcing Steel, (Grade 40)	AS SUBMITTED	45,000.00	kg.	2,457,727.50	18%	442,390.95	145,005.92	587,396.87	3,045,124.37	67.67
020000		AS EVALUATED									
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS SUBMITTED	7,598.00	kg.	399,017.83	18%	71,823.21	23,542.05	95,365.26	494,383.10	65.07
22-23-43-74-1		AS EVALUATED									
405(1)a3	Structural Concrete, Class"A"	AS SUBMITTED	1,835.00	cu.m.	13,312,950.64	18%	2,396,331.12	785,464.09	3,181,795.20	16,494,745.85	8,988.96
	TOTAL OF BARTS	AS EVALUATED									
	TOTAL OF PART F	AS SUBMITTED			16,169,695.98		2,910,545.28	954,012.06	3,864,557.34	20,034,253.32	
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES										
		AS EVALUATED									
508(1)	Handlaid Rock Embankment	AS SUBMITTED	17,500.00	cu.m.	24,764,660.20	18%	4,457,638.84	1,461,114.95	5,918,753.79	30,683,413.99	1,753.34
		AS EVALUATED									
	TOTAL OF PART G	AS SUBMITTED			24,764,660.20		4,457,638.84	1,461,114.95	5,918,753.79	30,683,413.99	
PART I	MATERIALS DETAILS										
		AS EVALUATED									000.11
715(2)	Separation Geotextile	AS SUBMITTED	1,803.00	sq.m.	333,401.20	18%	60,012.22	19,670.67	79,682.89	413,084.09	229.11
	TOTAL OF DART I	AS EVALUATED									
	TOTAL OF PART I	AS SUBMITTED			333,401.20		60,012.22	19,670.67	79,682.89	413,084.09	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Reviewed as to Unit Cost

Evaluation:

SATURNING C. FORREFRANCA Old-Chief, Planning & Design Division

DPWH RO9

ISIDRA A. ESTANISLAO
Engineer IV - Chairman Estimating Committee DPWH RO9

PART I-B	BANK AND SLOPE PROTECTION										
4740(0)	Ctaratural Ctarl Chart Biles Francished (0.40mids)	AS EVALUATED									
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS SUBMITTED	8,028.00	ln.m.	25,919,394.47	18%	4,665,491.00	1,529,244.27	6,194,735.28	32,114,129.74	4,000.27
4740(40)	Characterial Charl Charl Billian Dairean	AS EVALUATED									
1/16(12)	Structural Steel Sheet Piles, Driven	AS SUBMITTED	8,028.00	In.m.	6,034,120.76	18%	1,086,141.74	356,013.12	1,442,154.86	7,476,275.62	931.27
474040	Ota J Ohant Tast Biles From inhed and British	AS EVALUATED									
1/16(16)	Steel Sheet Test Piles, Furnished and Driven	AS SUBMITTED	12.00	In.m.	66,274.54	18%	11,929.42	3,910.20	15,839.61	82,114.15	6,842.85
4740(0) -	Country Disease Class HAII	AS EVALUATED									
1710(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	1,803.00	cu. m.	5,519,138.19	18%	993,444.87	325,629.15	1,319,074.03	6,838,212.21	3,792.69
	TOTAL OF PART I-B	AS EVALUATED									
	TOTAL OF PART I-B	AS SUBMITTED			37,538,927.95		6,757,007.03	2,214,796.75	8,971,803.78	46,510,731.74	
	GRAND TOTAL	AS EVALUATED									
	GRAND TOTAL	AS SUBMITTED			89,057,226.38		15,838,274.42	5,244,775.04	21,083,049.46	110,140,275.83	

Preparation and Submission:

Prepared by:

JOSEPHINE B. RENGQUIJO

Engineer // DPWHRO9

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee
DPWH R09

Evaluation:

Reviewed as to Unit Cost

SATURNING C. FORREFRANCA OIC-Chief, Planning & Design Division DPWH RO9



DAPITAN CITY, ZAMBOANGA DEL NORTE

						ITEMIZ	ED BREAKDOW	N				
		II	11			DIRECT (	OST	TOTAL UNIT COST		% DIRECT COST		
ITEM NO.	DESCRIPTION	Q	TY	UNIT	тот	AL	UNIT COST		(DIRECT+INDIRECT)		- % DIRECT COST	
	manuscriptic process	AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED	
PART A	FACILITIES FOR THE ENGINEER											
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	1.00		L.S.	475,828.85		475,828.85		589,551.94		0.534	
	Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Engineers	1.00		L. S.	206,580.00		206,580.00		234,261.72		0.232	
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	1.00		L.S.	567,163.62		567,163.62		655,073.98		0.637	
	TOTAL OF PART A				1,249,572.47						1.403	
PART B	OTHER GENERAL REQUIREMENTS									better f		
B.5	Project Billboard/Signboard	4.00		units	14,579.49		3,644.87		4,516.00		0.016	
B.4 (1)	Construction Survey and Staking	0.515		km.	14,737.69		28,616.88		35,456.31		0.017	
B.7	Occupational Safety and Health Program	1.00		L. S.	263,846.50		263,846.50		326,905.81		0.296	
B.9	Mobilization & Demobilization	1.00		L. S.	238,301.28		238,301.28		295,255.29		0.268	
	TOTAL OF PART B				531,464.96						0.597	
PART C	EARTHWORK											
104(2)a	Embankment from Borrow	1,597.00		cu.m.	1,164,532.84	4	729.20		903.48			
- A - D.	TOTAL OF PART C				1,164,532.84						1.30	
PART D	SUBBASE AND BASE COURSE											
200(1)	Aggregate Subbas Course	711.00		cu.m.	747,776.67		1,051.73		1,303.09		0.84	
5-20-21	TOTAL OF PART D				747,776.67						0.84	

PARTJ	FLOOD CONTROL AND DRAINAGE							
1702(1)	Structure Excavation	4,592.00	cu.m.	1,055,378.03		229.83	284.76	1,185
	Embankment	7,545.00	 cu.m.	5,501,816.07		729.20	903.48	6.178
	TOTAL OF PART C			6,557,194.10				7.363
PART F	BRIDGE CONSTRUCTION							
404(1)a	Reinforcing Steel, (Grade 40)	45,000.00	kg.	2,457,727.50		54.62	67.67	 2.760
404(1)b	Reinforcing Steel Bar, (Grade 60)	7,598.00	kg.	399,017.83	-	52.52	65.07	0.448
	Structural Concrete, Class"A"	1,835.00	 cu.m.	13,312,950.64		7,255.01	8,988.96	14.949
	TOTAL OF PART F			16,169,695.98				18.157
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES							
508(1)	Handlaid Rock Embankment	17,500.00	cu.m.	24,764,660.20		1,415.12	1,753.34	 27.808
	TOTAL OF PART G			24,764,660.20				27.808
PARTI	MATERIALS DETAILS							
715(2)	Separation Geotextile	1,803.00	sq.m.	333,401.20		184.91	229.11	 0.374
	,			333,401.20				0.37

PART I-B	BANK AND SLOPE PROTECTION						
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	8,028.00	ln.m.	25,919,394.47	3,228.62	4,000.27	29.104
	Structural Steel Sheet Piles, Driven	8,028.00	ln.m.	6,034,120.76	751.63	931.27	6.776
	Steel Sheet Test Piles, Furnished and Driven	12.00	ln.m.	66,274.54	5,522.88	6,842.85	0.074
	Grouted Riprap, Class "A"	1,803.00	cu.m.	5,519,138.19	3,061.09	3,792.69	6.197
	TOTAL OF PART H			37,538,927.95			42.151
	GRAND TOTAL			89,057,226.38			100.000

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TURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTENSION OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION ALONG DIPOLOG-ORG

		М	INIMUM EQUIPME	NT REQUIREM	ENT		
No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipmen
1	Truck Mounted Crane		1	31			
2	Vibro Hammer		1	32			
3	Gen. Set.		1	33			_
4	Plate Compactor (400-500 GASOLINE ENGINE)		1	34			_
5	One Bagger Mixer	4-6ft3/min	2	35			
6	Dump Truck (All Models)	12 yd3	2	36			
7	Cargo/Service Truck (All Models)	9 - 10 mt	1	37			
8	Boom Truck (All Models)	2-5 mt	1	38			
9	Water Truck/pump (All Makes)	16000 L	1	39			
10	Water Pump, 100 mm suction dia.	50 (mm)	1	40			
11	Welding Machine (Gas /Diesel Driven)		1	41			
12	Concrete Vibrator		2	42			
13	Concrete Saw		2	43			
14	Bar Cutter		1	44	*		
15	Bar Bender		1	45			
16	Cutting Outfit		1	46			
17	Section 9 control			47			
18				48			
19				49			
20				50			
21				51			
22				52			
23				53			
24				54			
25		-	-4	55			
26				56			
27				57			
28				58			
29				59			
30				60			
30	SUB-TOTAL		20	(3.00))	TOTAL		
	SUB-TUTAL			TOTA	•		20



OD MITIGATION STRUCTURES AND DRAINAGL SYSTEMS- CONSTRUCTION/EXTENSION OF FLOOD CONTROL ... RUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION ALONG DIPOLOG-OROQUIETA ROAD, DAPITAN CITY , ZAMBOANGA DEL NORTE

						DETAIL	ED BREAKDOW	N OF COMPONEN	T COST FOR EA	CH ITEM	VI		
	95-965 367/600/H-607/600		1999				DIRECT	COST		TOTA	AL MARK-UP	5% VAT	TOTAL COST
ITEM NO.	DESCRIPTION		%	QTY.	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAI	TOTAL COST
PART A	FACILITIES FOR THE ENGINEER							Haran Arteria	Namh-1d				
A 4 4/2\	Construction of Field Office for the Engineer (7.0m, V.0.0 m.)	AS EVALUATED			L.S.								
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS SUBMITTED	0.534	1.00	L.O.	315,326.12	109,329.75	51,172.98	475,828.85	18%	85,649.19	28,073.90	589,551.94
A 4 4/44\	Provision of Furnitures/Fixtures, Equipment and Appliances for	AS EVALUATED			L. S.								
A.1.1(11)	theField Office for the Engineers	AS SUBMITTED	0.232	1.00	2.0.	206,580.00			206,580.00	8%	16,526.40	11,155.32	234,261.72
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	AS EVALUATED			L.S.		100						
A. 1.2	operation and Maintenance of Covi Col Vice Vehicle	AS SUBMITTED	0.637	1.00		356,636.50	210,527.12		567,163.62	0%		28,358.18	595,521.80
	TOTAL OF PART A	AS EVALUATED									***********	07 507 40	4 440 225 40
		AS SUBMITTED	1.403			878,542.62	319,856.87	51,172.98	1,249,572.47		102,175.59	67,587.40	1,419,335.46
PART B	OTHER GENERAL REQUIREMENTS			THE PARTY					MEN R LIBER				
B.5	Project Billboard/Signboard	AS EVALUATED			units		1000000			100/	0.004.04	860.19	18,063.99
0.0	1 Toject Dilibour a orgriboura	AS SUBMITTED	0.016	4.00	2004000	13,660.00	919.49	-	14,579.49	18%	2,624.31	860.19	18,063.99
B.4 (1)	Construction Survey and Staking	AS EVALUATED			km.			4,000,50	44 707 00	400/	2,652.78	869.52	18,260.00
5.1(1)	Concession carrey and claiming	AS SUBMITTED	0.017	0.52		3,121.75	10,225.44	1,390.50	14,737.69	18%	2,002.70	005.52	10,200.00
B.7	Occupational Safety and Health Program	AS EVALUATED			L. S.		044.040.50	50	263,846.50	8%	21,107.72	14,247.71	299,201.93
		AS SUBMITTED	0.296	1.00		49,000.00	214,846.50	-	203,040.30	076	21,107.72	14,247.71	250,201.55
B.9	Mobilization & Demobilization	AS EVALUATED		- 100	L. S.			238,301.28	238,301,28	0%	-	11,915.06	250,216.34
	CONTROL OF STREET CONTROL OF STREET CONTROL OF CONTROL	AS SUBMITTED	0.268	1.00				238,301.20	230,301.20	0 70		11,510.00	200,210.01
	TOTAL OF PART B	AS EVALUATED	0.507		-	65,781.75	225,991.43	239,691.78	531,464.96		26,384.81	27,892.49	585,742.26
	EARTHWORK.	AS SUBMITTED	0.597	437.5		65,781.75	225,991.43	239,091.70	331,404.30	100	20,304.01	27,002.740	
PART C	EARTHWORK	AC EVALUATED				Property of the second							
104(2)a	Embankment from Borrow	AS EVALUATED AS SUBMITTED	4.493	1,597.00	cu.m.	1,011,100.63	5,502.10	147,930.11	1,164,532.84	18%	209,615.91	68,707.44	1,442,856.19
		AS EVALUATED	4.493	1,597.00		1,011,100.03	3,302.10	147,500.11	1,101,002.01		200,010.0		
	TOTAL OF PART C	AS SUBMITTED	4,493		-	1,011,100.63	5,502.10	147,930.11	1,164,532.84		209,615.91	68,707.44	1,442,856.19
DADED	SUBBASE AND BASE COURSE	AS SUBMITTED	4.433			1,011,100.00	0,002.10						
PART D	SUBBASE AND BASE COURSE	AS EVALUATED		andpla 11 at									
200(1)	Aggregate Subbas Course	AS SUBMITTED	2.885	711.00	cu.m.	679,467.15	2,449.59	65,859.93	747,776.67	18%	134,599.80	44,118.82	926,495.29
		AS EVALUATED	2.003	711.00		010,401.10	2,110.00	70,000.00	,				
	TOTAL OF PART D	AS SUBMITTED	2.885			679,467.15	2,449.59	65,859.93	747,776.67		134,599.80	44,118.82	926,495.29
PART J	FLOOD CONTROL AND DRAINAGE	AC CODIMITIES	2.000					CENTRAL IN		THE WATE			
PARIJ	FEOOD CONTROL AND BIGAINAGE	AS EVALUATED											
1702(1)	Structure Excavation	AS SUBMITTED	4.072	4,592.00	cu.m.	_	49,919.63	1,005,458.40	1,055,378.03	18%	189,968.05	62,267.30	1,307,613.38
		AS EVALUATED		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
1704(1)a	Embankment	AS SUBMITTED	21,227	7,545.00	cu.m.	4,776,928.13	25,994.60	698,893.35	5,501,816.07	18%	990,326.89	324,607.15	6,816,750.12
		AS EVALUATED											
	TOTAL OF PART J	AS SUBMITTED	25.298			4,776,928.13	75,914.23	1,704,351.75	6,557,194.10		1,180,294.94	386,874.4	8,124,363.49
PART F	BRIDGE CONSTRUCTION			Service Services	lace in the								
		AS EVALUATED											
404(1)a	Reinforcing Steel, (Grade 40)	AS SUBMITTED	2.760	45,000.00	kg.	2,190,510.00	119,867.50	147,350.00	2,457,727.50	18%	442,390.95	145,005.9	2 3,045,124.37
	2.4	AS EVALUATED			1								
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS SUBMITTED	0.448	7,598.00	kg.	353,899.64	20,238.96	24,879.23	399,017.83	18%	71,823.21	23,542.0	5 494,383.10
	OUTSERVANCE A CONTROL OF THE PARTY OF THE PA	AS EVALUATED											
405(1)a3	Structural Concrete, Class"A"	AS SUBMITTED	14.949	1,835.00	cu.m.	10,758,334.50	1,786,036.63	768,579.51	13,312,950.64	18%	2,396,331.12	785,464.0	9 16,494,745.85
	TOTAL OF DADT 5	AS EVALUATED											
	TOTAL OF PART F	AS SUBMITTED	18.157			13,302,744.15	1,926,143.09	940,808.74	16,169,695.98		2,910,545.28	954,012.0	6 20,034,253.32

PART G	DRAINAGE AND SLOPE PROTECTION STO TURES												
E00/4\F3	Reinf. Conc. Culvert Pipe, 910mm dia.	A\$ EVALUATED			In. soci								
500(1)ъ3	Reini. Conc. Cuivert ripe, 9 torini dia.	AS SUBMITTED	-	-	III, in.	•	-	-	-	18%	-	-	•
508(1)	Handlaid Rock Embankment	AS EVALUATED			cu.m.								
300(1)	Handiald Nock Ellibaikislesit	AS SUBMITTED	27.808	17,500.00	OU,III.	21,811,125.00	2,685,032.00	268,503.20	24,764,660.20	18%	4,457,638.84	1,461,114.95	30,683,413.99
	TOTAL OF PART G	AS EVALUATED											
	TOTAL OF FART 9	AS SUBMITTED	27.808			21,811,125.00	2,685,032.00	268,503.20	24,764,660.20		4,457,638.84	1,461,114.95	30,683,413.99
PART I	MATERIALS DETAILS												
715(9)	Separation Geotextile	AS EVALUATED			sq.m.								
715(2)	Separation Geolekine	AS SUBMITTED	0.374	1,803.00	34.116	302,904.00	8,644.84	21,852.36	333,401.20	18%	60,012.22	19,670.67	413,084.09
	TOTAL OF PART I	AS EVALUATED											
	TOTAL OF PART I	AS SUBMITTED	0.374			302,904.00	8,644.84	21,852.36	333,401.20		60,012.22	19,670.67	413,084.09
PART I-B	BANK AND SLOPE PROTECTION												
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS EVALUATED			ln.m.				······				
1716(6)	Structural Steel Silect Files, Furnished (0.40wide)	AS SUBMITTED	29,104	8,028.00	или.	25,432,704.00	48,416.16	438,274.31	25,919,394.47	18%	4,665,491.00	1,529,244.27	32,114,129.74
1746/49)	Structural Steel Sheet Piles, Driven	AS EVALUATED			ln.m.				***************************************				
1716(12)	Structural Steel Sileet Files, Driver	AS SUBMITTED	6.776	8,028.00	10.111.	315,018.72	565,611.74	5,153,490.31	6,034,120.76	18%	1,086,141.74	356,013.12	7,476,275.62
4746/46\	Steel Sheet Test Piles, Furnished and Driven	AS EVALUATED			In.m.								
1716(16)	Steel Sheet Test Files, Fulfilshed and Drivers	AS SUBMITTED	0.074	12.00	61.111.	55,588.62	1,056.82	9,629.09	66,274.54	18%	11,929.42	3,910.20	82,114.15
1710(2)a	Grouted Riprap, Class "A"	A\$ EVALUATED			cu. m.								
17 10(Z)a	Grottled Riprap, Class A	AS SUBMITTED	6.197	1,803.00	ou. m.	4,368,184.48	691,587.53	459,366.18	5,519,138.19	18%	993,444.87	325,629.15	6,838,212.21
	TOTAL OF PART I-B	AS EVALUATED	Ĭ										
	TOTAL OF PART FB	AS SUBMITTED	42.151			30,171,495.83	1,306,672.24	6,060,759.88	37,538,927.95		6,757,007.03	2,214,796.75	46,510,731.74
	GRAND TOTAL	AS EVALUATED								ļ			444.444.00
	GIVIND IOIVE	AS SUBMITTED	115.414			73,000,089.25	6,556,206.41	9,500,930.72	89,057,226.38		15,838,274.42	5,244,775.04	110,140,275.83

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Item No. / Description A.1.1(3) Construction of Field Office for the Engineer (  $7.00~\text{m.} \times 8.00~\text{m.}$ )

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. 1.00 1.00

_	I	1	.1.~	No.	al-	-11-	-1-	-1-	프	-1-	-1-		-11-			I =		I 5.	l ama		I	I	I-	-1-	. I ~	~.I -	-1	.1 ~		·	-		<u>а</u> .	-1				. i	_	_	_	2	, al		(6)			면				_	A .			L.C.	2	<del></del> _	
15mm dia. PVC Elbow	15mm dia. PVC Coupling	15mm dia. PVC pipe	8.00mm2 IHW	3.5Ummz IHWV	1 WO gary Owner	Diplex Convenience Coder	Purpley Commonitors Outlet	2x 40m i louiescelle Egitulig i saules	rinstang nans	Rought phage, our died i angune	ROOF Seaters	Tecksciem 1-1/2.	Pre-painted hashing, ISA 24	Pre-painted Flashing Ridge Roll GA24x 0.60m.width	Pre-painted G.I. Roofing Sht. Long Span	Primer, Zinc Cromate	Welding Rod	20mm dia. X 350 mm Anchor Bolts	10mm dia. Sag Rod	10mm thk. Batten plate	12mm thl. Base Plate	16mm dia. ∓urn Buckle	f6mm dia. Cross Bracing	Purline C-160mm x 50 x 3mm	On , rusay vote must type shaig was josephala ar accessores.	Neillosoniy dicei pais, Grade 40	CHBD flicx	Assorted CW Nails	Lumber	Tie Wire	Reinforcng Steel Bars, Grade 60	Washed Sand	Crushed Gravel	Portland Cement	Materials	Name and Specification		Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Output per hour - As Evaluated	Output per hour - As Submitted	Total (A.2 + B.2) · As Evaluated	Total (A.1 + B.1) - As Submitted	Sinh - Total for B.2 - As Evaluated	Equipment	Sub - Total for B.1 - As Submitted	Minor Tools (10% of Labor Cost)	water instarump	One Bagger Mixer	Equipment	Name and Capacity	Sub - total for A.2 - As Evaluated		ENAV.	SUD - FOR FOT A.1 - AS SUDMITTED	Laborers	Skilled Laborers	Const. Foreman	Labor	Designation
pc.	pc.	pc.	3	roi	pe.	pc	Pr.	3.	r G	DQ.IL	E.	5.73	i in	sq.m.	gal.	kg.	kg.	pc.	kg.	Æ,	Š.	Kg.	<u> </u>	š ģ	Set	Ng.	P.	kg.	bd.ft.	kg.	kg.	cu.m.	CH.M.	hac		Guit											_	_		No. of Units				<u></u>	8	8	_		No. of Person/s
20.00	20.00	20.00	20.00	1.00	3.00	3.00	300.5	3.00	9.00	100,00	460.00	1,000,0	00.20	10.00	55.00	5.00	25.00	150.00	15.00	30.00	45.00	30.00	65,00	35,00	9,00	100.00	150.00	20.00	250.00	35.00	00.008	25.00	15.00	220 00		Quantity	2										8.00	120.00		No. of Hour/s					120.00	120.00	120.00		No. of Hourls
26.00	27.00	76.00	69.33	3,500.00	3 600 00	170.00	470.00	£,450,00	1 450 00	20.70	2700	1.25	100.00	189.00	420.00	531.00	135.00	50.00	50.00	50.00	50.00	230.00	50.00	00 CS	1,490.20	41.00	25.00	58.00	15.00	68.00	43.00	963.00	913.00	297 88		Unit Cost	11-11-2										2,450.00	172.00		Hourly Rate					45.16	58.61	80.95		Hourly Rate
520.00	540.00	1,520.00	1,386.60	3,800.00	36000	00.00	E40.00	100.00	M 026 L	4 400.00	16 650 M	00.007	3/0.00	1,890.00	23,100.00	2,655.00	3,375.00	7,500.00	750.00	1,500.00	2,250.00	6,900.00	3,250,00	1 820 00	02.665'1	0, 200, 0	00.000	1,160.00	3,750.00	2,380.00	34,400.00	24,075.00	13,695,00	CE PRE ES	,	Amount (PhP)			1.00	1.00		160,502.73			51,172.98	10,932.98	19,00,00	20,640.00		( Amount (PhP)				C1.678'401.	43,350.00	56,265.60	9,714.15		Amount (PhP)

•	(G.2 + H.2 + I.2 + J.2)	(6.2		Total Unit Cost - As Evaluated	K.2
589,551.94	(G.1 + H.1 + I.1 + J.1)	(G.:		Total Unit Cost - As Submitted	<u>7.1</u>
S:•1	5% of (G.2 + H.2 +l.2)	5%		Value Added Tax (VAT) - As Evaluated	J.2
28,073.90	5% of (G.1 + H.1 +I.1)	5%		Value Added Tax (VAT) - As Submitted	J.1
	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
38,066.31	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
	15% / 12%/ 10% / 8% of G.2	15% / 12%	evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
47,582.88	15% / 12%/ 10% / 8% of G.1	15% / 12%	Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Ξ
				G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
475,828.85				Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
				Sub - Total for F.2 - As Evaluated	
					F.2
				Materials	
315,326.12				Sub - Total for F.1 - As Submitted	
448.00	56.00	8.00	рс.	2" PVC Assorted Connector	
462.00	77.00	6.00	рс.	4" PVC Assorted Connector	
305.00	305.00	1.00	pc.	2" PVC Series 1000	
640.00	640.00	1.00	рс.	4" PVC Series 1000	
152.00	19.00	8.00	рс.	1/2" Assorted Connector	
330.00	165.00	2.00	pc.	1/2" Water Faucet	
584.00	292.00	2.00	рс.	1/2* GI pipe S-40	
4,512.00	4,512.00	1.00	set	Lavatory (complete w/ fittings & accessories)	
6,062.00	6,062.00	1.00	set	Water Closet (complete w/ accessories & fittings)	
5,500.00	2,750.00	2.00	set	Panel Boardside Main w/ braches	
196.00	28.00	7.00	рс,	Electrical Tape	
1,700.00	34.00	50.00	рс.	Octagon Box	
224.00	32.00	7.00	pc.	Utility Box	
100.00	50.00	2.00	рс.	Wire Holder	
203.00	101.50	2.00	рс.	20mm dia. Service Entrance Cap	
180.00	18.00	10.00	pc.	20 mm dia. RSCClamp	
90.00	30.00	3.00	pc.	20 mm dia. RSC Elbow	
108.00	36.00	3.00	pc.	20mm dia. RCS Coupling	
960.00	240.00	4.00	pc.	20mm dia. RSC pipe	
400.00	8.00	50.00	pc.	15mm dia. PVC Clamp	

JERALD B. BARRERA Engineer II DPWH RO9

Item No. / Description

A.1.1(11) Provision of Furnitures/Fixtures, Equipment & Appliances for the Field of the Engineers

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. 1.00 1.00

												=	Ţ																										E.2	<u> </u>	0.2	D :	2 2	2	B.2			5			Τ	A.2	Т			<u>-</u>	
Water dispenser	USB (32 GB)	Computer Frinter (Scanner & Priocopier)	Laptop	Sign Pen, Assorted	Data Hile Folder	Letter Envelope, White (long)	While Baord Marker(Assorted Colors)	Pentel pen(Assorted Colors)	Folder,long	Folder, short	Colored Pencil, 12's	_		Correction Fluid Pen	Glue	Cutter Biade	Staple Wire	Frasedink, pencil	Fasieners	Pencils Pencils	Ballpen	Batteries Energizer	Masking Tape	Scotch Tape	Pad paper	Bond Paper(short)	Cartridge(Computer Printerlink)	Computer Table	Drawing Table	Office Table , Jr. Executive type w/ chair	6" Steeping Bed w/ pillows & blanket	Aluminum Cookware	Plastic Pail & Basin	Monoblock Chairs	8-seater Monoblock Dining Table	White Board 21 x 61	Materials	Name and Specification		Direct Unit Cost (C.1 ÷ D.1) - As Submitted			Total (A.2 + B.2) - As Submitted			Sub - Total for B.1 - As Submitted			Equipment	Name and Capacity	Sub - Total for A.2 - As Evaluated			Sub Total for A.1 · As Submitted		Labor	Designation
unit	unit	unit	unit	doz.	pcs.	box	pcs.	pcs.	doz.	doz.	set	doz.	doz	bottes	bottles	box	box :	box	box	box X	D0X	pc.	rolls	rolls	pads	ream	eacn	each	each	set	DC.	set	set	pc.	unit			Unit												No. of UniUs					The state of the s		No. of Personis
1.00	2.00	1.00	1.00	2.00	6.00	2.00	12.00	12.00	6.00	6.00	6.00	6.00	6.00	12.00	6.00	3,00	6.00	2.00	4.00	3 20	3.00	12.00	6.00	6.00	6,00	15.00	20.00	1.00	1.00	1.00	3,00	1.00	2.00	12.00	1.00	3 00		Quantity												No. of Houris							No. of Hour/s
5,000.00	600.00		60,000.00		150.00					100.00			110.00									***************************************	100.00			300.00				7,000.00		3,000.00			5,000.00			Unit Cost												Hourly Rate							Hourly Rate
		19,000,00																	200.00									2,500.00				3,000.00			-			Amount (PhP)	manana manana manana manana manana ka	-	1.00	1.90		A A A A A A A A A A A A A A A A A A A			,			Amount (PhP)				0.00	0.00	0,00	(PhP)

	Checked/Reviewed by:	Chr		Prepared by:	rep
	(G.2 + H.2 + I.2 + J.2)	(6.		.2 Total Unit Cost - As Evaluated	2
234,261.72	(G.1 + H.1 + I.1 + J.1)	(G.		.1 Total Unit Cost - As Submitted	2
	5% of (G.2 + H.2 +l.2)	5%		2 Value Added Tax (VAT) - As Evaluated	J.2
11,155.32	5% of (G.1 + H.1 +l.1)	5%		1 Value Added Tax (VAT) - As Submitted	٠.
•	10% / 8% of G.2			2   Contractor's Profit (CP) - As Evaluated	12
16,526.40	10% / 8% of G.1			1  Contractor's Profit (CP) - As Submitted	:
	15% / 12%/ 10% / 8% of G.2	15%/12%	luated	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
	15% / 12%/ 10% / 8% of G.1	15% / 12%	mitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	E
7.				.2 Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
206,580.00					6.1
				Sub - Total for F.2 - As Evaluated	
				2	F.2
				Materials	
206,580.00				Sub - Total for F.1 - As Submitted	
2,250.00	750.00	3.00	unit	Rechargeable Lamps	
3,000.00	500.00	6.00	pc.	Bedsheets(Single)	
5,400.00	1,800.00	3.00	pc.	Folding Bed	
780.00	130.00	6.00	pc.	Record Book (500 leaves)	
200.00	50.00	4.00	pc.	Scissors	
1,000.00	500.00	2.00	pc.	Bulletin/Cork Board 2' x 3'	
900.00	300.00	3.00	pc.	Stapler	
300.00	300.00	1.00	pc.	Puncher	
600.00	300.00	2.00	pc.	Water Container	
1,800.00	1,800.00	1.00	unit	Electric Airpot	
1,300.00	1,300.00	1.00	unit	Rice Cooker	
1,000.00	500.00	2.00	unit	Wall Clock	
5,100.00	850.00	6.00	tanks	Stove Tank Refill	
3,500.00	3,500.00	1.00	set	Gas Stove w/ Tank	
5,000.00	5,000.00	1.00	unit	Steel Cabinet	
6,000.00	2,000.00	3.00	pc.	Electric Fan	

Enginee/II

JERALD B. BARRERA Engineer II DPWH RO9

Item No. / Description A.1.2 Operation and Maintence of Gov't Service Vehicle

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated \*\* \*\* \*\* \*\* 1.00 L.S. 1.00

228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 567,163.62 4 56,716.36	Unit Cost  1.00  51.00  34.38.50  .00  45.798.00  45.798.00  .00  45.798.00  15%./ 12%/ 10%/ 18% of G.1  10%/ 18% of G.2  5% of G.3 + H.3 + I.1  5% of G.2 + H.3 + I.3  5% of G.2 + H.3 + I.3  5% of G.2 + H.3 + I.3	1.00 15% 15%	litted	1.1 Contractor's Profit (CP) - As Evaluated 1.2 Contractor's Profit (CP) - As Evaluated 1.1 Value Added Tax (VAT) - As Submitted 1.2 Value Added Tax (VAT) - As Evaluated 1.1 Total Unit Cost - As Submitted
228,990.00 34,348.50 47,500.00 45,798.00 356,038.50 1 567,163.62 1 56,716.38	Unit Cost  51.00 34,348.50 9,500.00 45,798.00 45,798.00 10% 18% of G.1 110% 18% of G.1 110% 18% of G.2 5% of (G.1 + H.1 + H.1) 5% of (G.2 + H.2 + H.2)	1.00 15%	ated	
228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 567,163.62 1 567,163.62	Unit Cost  51.00 34,348.50 3,500.00 45,798.00 45,798.00 112%/10%/18% of G.1 112%/18% of G.2 10%/18% of G.2 10%/18% of G.2 5% of (G.1 + H.1 + I.1)	1.00 15% 15%	ated	
228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 567,163.62	Unit Cost  51.00 51.00 34,348.50 9,500.00 45,798.00 45,798.00 112%J 10% J 8% of G.1 112%J 10% J 8% of G.1 10% J 8% of G.2	1.00 15% 15%	ated	
228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 567,163.62	Unit Cost  51.00 51.00 34,348.50 9,500.00 45,798.00 45,798.00 112%/ 10% / 8% of G.1 112%/ 10% / 8% of G.1	1.00 15% 15%	litted	_
228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 56,7163.62	Unit Cost  51.00 51.00 34,348.50 9,500.00 45,798.00 45,798.00 112%/ 10% / 8% of G.1	1.00 15% 15%	litted	
228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 567,163.62	Unit Cost 51.00 34,348.50 9,500.00 45,798.00 112%/10%/18% of G.1	1.00	litted	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
228,990.00 34,348.50 47,500.00 45,798.00 356,636.50 567,163.62	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		
228,990.00 34,348.50 47,500.00 45,798.00 356,038.50 567,163.62	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated
228,990.00 34,348.50 47,500.00 45,798.00 356,036.50	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		G.1 Direct Unit Cost (E.1 + F.1) - As Submitted
228,990.00 34,348.50 47,500.00 45,798.00 356,036.50	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		Sub - Total for F.2 - As Evaluated
228,990.00 34,348.50 47,500.00 45,798.00 358,638.50	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		F.2
228,990.00 34,348.50 47,500.00 45,798.00	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		Sub - Total for F.1 - As Submitted
228,990.00 34,348.50 47,500.00 45,798.00	Unit Cost 51.00 34,348.50 9,500.00 45,798.00	1.00		
228,990.00 34,348.50 47,500.00	Unit Cost 51.00 34,348.50 9,500.00		i.s.	Spare Parts
228,990.00 34,348.50	Unit Cost 51.00 34,348.50	5.00	pcs.	Tires
228,990.00	Unit Cost	1.00	I.s.	Engine Oil & Lubricants
	Unit Cost	4,490.00	liters	Diesel Fuel
	Unit Cost			Materials
Amount (PhP)		Quantity	Unit	Name and Specification
				E.2 Direct Unit Cost (C.2 ÷ D.2) · As Evaluated
210,527.12				E.1 Direct Unit Cost (C.1 + D.1) - As Submitted
1.00				D.2 Output per hour · As Evaluated
1.00				
				C.2 Total (A.2 + B.2) - As Evaluated
210,527.12				C.1 Total (A.1 + B.1) - As Submitted
				Sub - Total for B.2 - As Evaluated
				B.2 Equipment
				one - lotar for pri - As oddinimen
				Sub - Total for B.4 - As Submitted
34			-	OCIVING ACIING
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity
4				Sub - Total for A.2 - As Evaluated
				A.2
				Labor
210,527.12				Sub - Total for A.1 - As Submitted
210,527.12	58.61	3,592.00	-	Service Driver
0.00				A.1
				Labor
Amount (PhP)	Hourly Rate	No. of Hourls	No. of PersonIs	Designation

Checked/Reviewed by:

JERALD B. BARRERA Engineer II DPWH RO9

Item No. / Description B.4(1) Construction Survey and Staking

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated \*\* \*\* \*\* \*\* 0.52 km. 1.00

1.00 1.00 1.00 1.00 22,585.23 22,585.23 28,55.23 1,173.00 40,00 40	(G.1 + H.1 + I.1 + J.1) (G.2 + H.2 + I.2 + J.2)			1   Total Unit Cost - As Submitted 2   Total Unit Cost - As Evaluated	2
Amount (PhP)	(G1+H1+I1			_	7.1
Amount (PhP)	0/00/102			_	2.2
Amount (PhP)	5% of (G 2 + H 2 +1 2)				3
Amount (PhP)	5% of (G.1 + H.1 +l.1)				5
Amount (PhP)	10% / 8% of G.2			_	1.2
Amount (PhP)	10% / 8% of G.1				Ξ
Amount (PhP)	15% / 12%/ 10% / 8% of G.2	15%	ated		Н.2
Amount (PhP)  81.00  1  88.65	15% / 12%/ 10% / 8% of G.1	15%	itted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	크
Amount (PhP)  51.00  1  88.65					6.2
Amount (PhP)  61.00  1  88.65				_	6.1
Amount (PhP)  51.00  7  68.65				Sub - Total for F.2 - As Evaluated	
Amount (PhP) 10.00 1 10.00 10.				_	F.2
Amount (PhP)  88.65				Materials	
Amount (PhP)  61.00  7  88.65				Sub - Total for F.1 - As Submitted	
Amount (PhP)  Amount (PhP)  40,00					
Amount (PhP)  151.00  1 40.00				I HONDIAN CONTRACTION J	
Amount (PhP)	2	110.00	pos.	miscellaneous/5% of Materials)	
Amount (PhP)		115.00	sneets	- 0.0	Ξ
Amount (PhP)				0.000	
Amount (PhP)				Materials	
1.00 1.00 1.00 22,555.23	Unit Cost	Quantity	Unit	Name and Specification	
1.00 1.00 1.00 22,555.23					E.2
1.00 1.00					四
1.00					D.2
					2.
				-	C.2
22,555.23				_	2
				Sub - Total for B.2 - As Evaluated	
				Equipment	B 3
2,100:00				Sub- Total for B.1 - As Submitted	
00 007 6				Sub-Tatal for B. 1. As Submitted	
100.00 2,700.00		27.00	_	Total Station Complete w/ accessories	B.1
				Equipment	
ste Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
19,855.23				Sub - Total for A.1 - As Submitted	
58.61 4,688.80		80.00	-	Skilled Laborers	
104.16 8,333.10	1	80.00	-	Geodelic Engineer	
				For Office Works:	
45.16 2,438.44		27.00	2	Laborers	2.1
58.61 1,582.47		27.00	_		
104.16 2,812.42	10	27.00	1	Geodetic Engineer	
0.00				For Fieldworks:	
				Labor	
te Amount (PhP)	Hourly Rate	No. of Houris	No. of Person/s	Designation	

Prepared by:

CheckedReviewed by:

JERALD B. BARRERA

Engineer II

DPWH RO9

Item No. / Description B.5

Project Billboard

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. 4.00 each 1.00

4,516.00	(				
4,516.00	(G.2 + H.2 + I.2 + J.2)				K.2
	(G.1+H.1+I.1+J.1)				2
	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	J.2
215.05	5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	1.1
*	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
291.59	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
	15% / 12% / 10% / 8% of G.2	15%/	ated		H.2
364.49	15% / 12% / 10% / 8% of G.1	15%/	itted		프
					G.2
3,644.87				_	2
				Sub - Total for F.2 - As Evaluated	Ĩ
				Materials	F,
3,415.00				Sub - Total for F.1 - As Submitted	
			ć	STATEMENT CO. C.	
80.00	80.00	1.00	kg.	Assorted CW Nails	
2,100.00	42.00	50.00	bd.ft.		
00 008	800.00	100	pc.		7
435.00	435.00	100	DC.	Marine Plywood (3/16" thk. 4' x 8")	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
229.87					四
1.00					D.2
1.00					D.1
				_	C.2
229.87				_	2
				Sub - Total for B.2 - As Evaluated	
				Edulpulant	
				Sub - Total for B.1 - As Submitted	
					B.1
				Equipment	!
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	H
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
0.00 229.87				Sub - Total for A.1 - As Submitted	
90.31	45.16	1.00	2	Laborers	
58.61	58.61	1.00	_		Α.1
0.00	80.95	1.00		Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	

Checked/Reviewed by:

JERALD B. BARREN Engineer II DPWH RO9

Item No. / Description **B.7** Occupational Safety and Health Program

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1.00 l.s. 1.00

	(0.Z+F.Z+1.Z+J.Z)			7 I total Dilli Cost. We Evaluated	7.7
326,905.81	(G.1 + H.1 + I.1 + J.1)				2
	5% of (G.2 + H.2 +I.2)			-	J.2
15,566.94	5% of (G.1 + H.1 +I.1)				J.1
	10% / 8% of G.2				12
21,107.72	10% / 8% of G.1				Ξ
	15% / 12% / 10% / 8% of G.2	15%,	ated	.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
26,384.65	15% / 12%/ 10% / 8% of G.1	15%/	tted		E
					6.2
263,846.50					6.1
				Sub - Total for F.2 - As Evaluated	
				Materials	п 3
49,000.00				Sub - Total for F.1 - As Submitted	
21,000.00	1,400.00	15.00	pcs.	Barncades/Signboards	
2,500.00	2,500.00	1.00	set	First Aide Kit (Complete medicines & tools)	
9,000.00	300.00	30.00	bd.ft.		
1,500.00	50.00	30.00	pc	Working Gloves (Maong Materials)	Ξ
15,000.00	500.00	30.00	pc.	Rubber BootsMen,Long w/ Steel Toe, Black	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
•				.2 Direct Unit Cost (C.2 ÷ D.2) · As Evaluated	E.2
214,846.50				.1 Direct Unit Cost (C.1 ÷ D.1) · As Submitted	E.1
1.00					D.2
1.00					<u>D.1</u>
•				-	C.2
214.846.50				_	2
-				Sub - Total for B.2 - As Evaluated	D.K
				Equipment	0
*				Sub - Total for B.1 - As Submitted	
·					8.
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
				.2	A.2
				Labor	
214,846.50				Sub - lotal for A.1 - As Submitted	
0.00					
0.00					
162,214.72	45.16	3,592.00	_		A
52,631.78	58.61	898.00	_	Safety Practitioner	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Personis	Designation	
					1

Checked/Reviewed by: JERALD B. BARRERA
Engineer II
DPWH RO9

Item No. / Description 1.00 l.s. 1.00 **B.9** Mobilization/Demobilization

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 

	(G.Z+H.Z+I.Z+J.Z)			Total Dilli Cost - As Evaluated	7.4
295,255.29	(G.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	
•	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	
14,059.78	5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	
	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
19,064.10	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
•	15% / 12%/ 10% / 8% of G.2	15%/	ed	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
23,830.13	15% / 12%/ 10% / 8% of G.1	15%/	ted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
				Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
238,301.28				Direct Unit Cost (E.1 + F.1) - As Submitted	_
				Sub - Total for F.2 - As Evaluated	
					F.2
				Materials	
•				Sub - Total for F.1 - As Submitted	
r					
C					
					F.1
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.Z + D.Z) - As Evaluated	E.2
238,301.28				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	1 5
1.00				Output per hour - As Evaluated	2.0
1.00				Output per hour - As Submitted	D.1
	100			Total (A.Z + b.Z) - As Evaluated	2.2
238,301.28				Total (A.1 + B.1) - As Submitted	3 5
				Sub - Iotal for B.2 - As Evaluated	2
				-	B.2
-				Equipment	1
238,301.28				Sub - Total for B.1 - As Submitted	
200,001.20	1,200,00	10.00			
90 100 800	85 336 V	28 00	9	Low Bed Trailer	<u>B</u>
3 3 3	12			Fruinment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
0.00				Labor	
0.00				Sub - Total for A.1 - As Submitted	
000					
0.00					2
				Labor	:
Amount (rinr)	iloully ivace				
Amount (DhD)	Hourly Rate	No of Hourle	No of Personis	Designation	

CheckediReviewed by:

JERQLO B. BARRERA

Engineer II

DPWH RO9

Item No. / Description 104(2)a **Embankment from Borrow** 

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated . . . . . 1,597.00 cu.m. 50.00

	A STATE OF THE STA			5	Γ
	(G.2 + H.2 + I.2 + J.2)				2
903.48	(G.1 + H.1 + I.1 + J.1)			2 Value Added Tax (VAT) - As Evaluated	K 1.2
	5% of (G 2 + H 2 + I 2)				
43.02	5% of (G.1 + H.1 +I.1)			_	
	10% / 8% of G 2			_	5 5
Pt. 85	10% / 8% of G 1	1070	raten	_	7.1
	15% / 12% / 10% / 8% of G 2	15%	lated		3 3
72.92	15% / 12%/ 10% / 8% of G 1	15%	nitted		G.2
07:671				.1 Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
700				_	
					F.2
				Materials	T
633.13				Sub - Total for F.1 - As Submitted	
					Ξ.
633.13	506.50	1.25	cu.m.	Common Borrow(w/ 25% shrinkage factor)	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				_	E.2
96.08					E
50.00					D.2
50.00					2
					C.2
4,803.76				-	2
				Sub - Total for B.2 - As Evaluated	
				2	B.2
				Equipment	T
4,631.50				Sub - Total for B.1 - As Submitted	
(**)					
				4	9
210	2,430.00	0.23	_	Water Truck	В.1
612 50	3 450 00	0.00		KOAG ROILET	
1 846 00	2,173.00	1.00		Road Grader	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity	
				Sub - Ioda Iol Wr We Exeritation	
				Sub - Total for A 2 - As Evaluated	
					Δ 2
				Lahor	T
172.26				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
90.31	45.16	1.00	2	Laborers	<u>A</u>
80.95	80.95	1.00	_	Const. Foreman	
				Excavation Work:	
				Labor	
,	Tomily come	10.0110	10.01.0100110	Dealillanon	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	





Item No. / Description .. 200(1) Aggregate Subbas Course

Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. 711.00 cu.m. 50.00

5% of (G.2 + H.2 +I.2)
5% of (G.1 + H.1 +l.1)
15% / 12%/ 10% / 8% of G.2
15% / 12%/ 10% / 8% of G.1
1
1.15
41
1
_
Ш
_
Н
3
1.00
1.00
_
₩
.00
1.00
4

CheckediReviewed by:

JERALD R. BARRERA

Engineer II

DPWH RO9

Item No. / Description : 1702(1) Structure Excavation

4,592.00 cu.m. 20.00

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated

284.76	(G.7 + H.7 + I.7 + J.1)			Total Unit Cost - As Submitted	5 5
	5% of (G.2 + H.2 +l.2)				J.2
13.56	5% of (G.1 + H.1 +l.1)				7
	10% / 8% of G.2				
18.39	10% / 8% of G.1				
-	15% / 12% / 10% / 8% of G.2	15%,	ated		H.2
22.98	15% / 12% / 10% / 8% of G.1	15%	itted		H.1
					G.2
229.83					G.1
					F.2
				Materials	
٠				Sub - Total for F.1 - As Submitted	
					Ξ
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
229.83				Direct Unit Cost (C.1 + D.1) - As Submitted	E.
20.00					
20.00					
•					2
4.596.59					2
				Sub - Total for B.2 - As Evaluated	8.2
				Equipment	3
4,379.17				Sub - Total for B.1 - As Submitted	
11.7				Minor loois(10 % of Labor)	
1,537.00	1,537.00	1.00	_	-	B.1
2,840.00	1,420.00	1.00	2		
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
217.42				Sub - Total for A.1 - As Submitted	
133,47	45.16	1.00	ú	Laborers	/15
80.95	80.95	1.00		_	A.1
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	



Checked/Reviewed by: JERACD R. BARRER Engineer II DPWH RO9

Item No. / Description 404(1)a Reinforcing Steel Bar, (Grade 40)

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated . . . . . kg. 180.00 45,000.00

•	(U.ZT.T.ZT.ZTJ.Z)			K.2 Total Unit Cost - As Evaluated	_
67.67	(G.1 + H.1 + J.1)			1	_
•	5% of (G.2 + H.2 +l.2)			_	
3.22	5% of (G.1 + H.1 +l.1)			1.1 Value Added Tay (VAT) - As Submitted	_ _
	10% / 8% of G.2			1.7 Contractor's Profit (CP) - As Evaluated	-1-
4.37	10% / 8% of G.1	10%	nated	_ 33	
5.46	15% / 12% / 10% / 8% of G.1	15%	nitted	2.	1=
•					6
54.62				Sub - Total for F.2 - As Evaluated  G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	a
				F.2	711
40.50				Sub · Total for F.1 · As Submitted  Materials	Т
0.2					
1880 P					
•					
i.					
r i				<b>翌</b>	71
47.25	45.00	1.05	<i>\$</i> 6 <i>\$</i>	Reinforcing Steel Bar, Grade 40	
1.43	68 00	0.021	ka	Materials Tio Wire	_
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated	m
5.94				E.1 Direct Unit Cost (C.1 + D.1) - As Submitted	īm
180.00					D
180.00				D.1 Output per hour - As Submitted	0 0
,,000.01				_	2 0
4 000 07				Sub - Total for B.2 - As Evaluated	Г
				B.2	æ
				Equipment	Т
589.40				Sub - Total for B.1 - As Submitted	
•					
	121.00	6.10		B.1 cargo riuck	В
18.15	121.00	0.15	-	Sar Bender	
219.75	219.75	1.00	-	Bar Cutter	
				Ednipment	
rangement, my	inourily reason	NO. Of House	No. of office	Name and Capacity	
Amount (PhP)	Hourly Rate	No of Hourle	No of I hit/s	Name and Canacity	Т
				Sub - Total for A.2 - As Evaluated	
				7.8	
				A.2	Þ
-				Lauvi	
710011				Sub-location A.I - As Submitted	T
4 479 47				O. L. T. G. L. A.A. A. C. hwilded	
301.23	45.16	00.1	œ	Laborers	
117.22	58.61	1.00	2	A.1 Skilled Laborer	P
80.95	80.95	1.00	_	Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	
					1





Item No. / Description 404(1)b Reinforcing Steel Bar, (Grade 60)

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. 7,598.00 kg. 180.00

,				•	
	(G.2 + H.2 + I.2 + J.2)				~
65.07	(G.1 + H.1 + I.1 + J.1)				5
	5% of (G.2 + H.2 +I.2)				ے
3.10	5% of (G.1 + H.1 +l.1)			.1 Value Added Tax (VAT) - As Submitted	J.1
	10% / 8% of G.2				-
4.20	10761 076 01 0.1				-
4 30	10% 18% 010.1	10701	and a	_	
0.00	450/ 1430/ 1400/ 180/ 040 3	450/	atod		= =
5.25	5% / 12%/ 10% / 8% of G.1	15%	tted		H 4
20.20				5.1 Direct Unit Cost (E.1 + F.1) - As Submitted	6.1
50.50					·
					F.2
				_	
46.58				Sub - Total for F.1 - As Submitted	
583 G					
					3
45.15	43.00	1.05	kg.	Reinforcing Steel Bar, Grade 60	
1.43	68.00	0.021	kg.	Tie Wire	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Tollege olite oper (org. p.e). Do Essinaten	Ľ
5.94					1 17
180.00					0
180.00					D.1
•					C.2
1,068.87				1.1 Total (A.1 + B.1) - As Submitted	C.1
				Sub - Total for B.2 - As Evaluated	
				_	B.2
				Equipment	T
589.40				Sub - Total for B.1 - As Submitted	
18.15	121.00	0.15	_	2.1 Cargo Truck	B.
351.50	351.50	1.00	_	Bar Bender	
219.75	219.75	1.00	1	Bar Cutter	
				100	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
				.2	A.2
				127	
				Labor	
479.47			90	Sub - Total for A.1 - As Submitted	
361.25	45.16	1.00	8		
117.22	58.61	1.00	2	Skilled Laborer	<u>.</u>
80 95	20 05	100	-	Const Ecomon	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	





Item No. / Description 405(1)a3 Structural Concrete, Class "A"

1,835.00 cu.m. 1.40

Quantity
Unit of Measurement
Output per hour · As Submitted
Output per hour · As Evaluated .. .. .. ..

Designation   No. of Personis   No. of Houris   Education   Educ		(G.Z+H.Z+I.Z+J.Z)			Iotal Unit Cost - As Evaluated	K.2
Designation   Bool Prevents   Designation   Designation	8	(G.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	-
Designation   Box of Persons   Box of Box		5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	_
Designation		5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	
Designation   Designation   Hoories   Hoories   Houries   Hourie		10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	
Designation   Hoories   Hoories   Hoories   Hoories   Cont. Troceron.   1   1,00   20,00		10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	_
Designation   Mo. of Petronois   Mo. of Houring   Houring Rate   Amount (PhP)		12%/ 10% / 8% of G.2	15%/	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evalu-	
Designation   Mo of Petronis   Mo of Houris   Houriy Rate   Amount (PhP)		12%/ 10% / 8% of G.1	15%/	itted	Overhead, Contingencies & Miscellaneous (OCM) - As Subm	
Designation   No. of Personic   No. of Hourigh Rate   Amount (PhP)					Direct Unit Cost (E.2 + F.2) - As Submitted	
Laboration         Designation         No of Pearonis         Hounty Rate         Amount (PhP)           Const. Feorence         1         1.00         88.51         Const. Sillined closcores         4         1.00         88.51         Const. Sillined closcores         4         1.00         88.51         Const. Cons	-				Sub - Total for F.2 - As Evaluated	18 1
Designation   No of Personis   Hourity Rate   Amount (PhP)						
Designation   Mo of Personis   Mo of	g				Materials	
Designation   No. of Personole   No. of Houris   Hourly Ratio   Const. Freemon   1   1.00   20.55	n	274.18	2.249	kg.	Blown Asphalt (Vol.=0.84 cu.m.)	-1
Designation   Mo. of Personic   Mo. of Houris   Hourly Ratio   Cond. Ference   Cond. Ference						
Designation   Mo. of Personite   Mo. of Houris   Hourly Ratio   Const. Forencian   1   1,00   80.55     Const. Forencian   1   1,00   80.55     Collaborers   4   1,00   45.16     Introduction/Removal of Formworks   8   1,00   45.16     Introduction/Removal of Formworks   4   1,00   45.16     Introduction/Removal of Formworks   4   1,00   45.16     Introduction/Removal of Formworks   4   1,00   45.16     Cobornes   1   1,00   1,00     Cobornes   1   1,00   1,00     Cobornes   1   1,00   1,00     Cobornes   1   1,00   1,00     Cobornes   1,00     Cobornes   1,00   1,00     Cobornes   1,00		913.00	1.00	cu.m.	Coarse Aggregates	
Designation   Mo. of Personite   Mo. of Houris   Hourly Rate   Amount (PhP)		963.00	0.50	cu.m.	Fine Aggregates	
Designation   Mo. of Personits   Mo. of Hourits   Hourity Rate   Amount (PhP)	2	287.88	9.50	baq	Portland Cement	
Designation   No. of Personits   No. of Hourits   Hourity Rate   Amount (PhP)		58.00	0.40		Assorted CWN	
Designation   Mo. of Personits   Hourity Rate   Amount (PhP)		42.00	17.50	kg.	Lumber Magas Blanced	
Designation   No. of Personits   Hourly Rate   Amount (PhP)					Materials	
Designation   No. of Personits   Hourly Rate   Amount (PIP)	Amount (PhP)	Unit Cost	Quantity	Unit		
Designation   No. of Ferrands   No. of Houris   Hourly Rate   Amount (PPP)					Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	-
Designation   No. of Foresonts   No. of Houris   Hourly Rate   Amount (PPP)					Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
Designation   No. of Person/s   No. of Houris   Hourly Rate   Amount (PhP)					Output per hour - As Evaluated	
Designation   No. of Person/s   No. of Houris   Hourly Rate   Amount (PhP)					Output per hour - As Submitted	_
Designation   No. of Personts   Hourly Rate   Amount (PhP)	بر				Total (A.1 + B.1) - As Submitted	_
Designation   Mo. of Personts   Mo. of Houris   Hourly Rate   Amount (PhP)					Sub - Total for B.2 - As Evaluated	-
Labor         Designation         No. of Person/Is         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         88.61           Skilled Laborers         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         45.16           Skilled Laborers         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Includition/Removal of Formworks         4         1.00         58.61           Ichborers         8         1.00         45.16           Const. Foreman         1         1.00         45.16           Const. Foreman         2         1.00         45.16           Const. Foreman         2         1.00         45.16           Sub - Total for A.1 - As Submitted         2         1.00         45.16           Sub - Total for A.2 - As Evaluated         No. of Unit's         No. of Hourls         Hourly Rate         Amount (PhP)           Equipment         1         1.00         172.00         172.00           Const. Forestime         1         1.00         2.450.00         1           For Provision of Asphalt Sealent @ ever						_
Labor					Equipment	
Labor					Minor Tools (5% of Labor Cost)	
Labor         Designation         No. of Personits         No. of Houris         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         45.16           Installation of Asphalt Sealent @ every grove         1         1.00         45.16           Const. Foreman         2         1.00         45.16         45.16           Sub - Total for A.1 - As Submitted         2         1.00         45.16         45.16           Sub - Total for A.2 - As Evaluated         No. of Hourls         Hourly Rate         Amount (PhP)           Equipment         1         1.00         172.00           Oncrete Vibrain         1         1.00         2,450.00         1           For Povision of Asphalt Sealent @ every grove         1						
Labor   Const. Foreman   Mo. of Personis   Mo. of Houris   Hourly Rate   Amount (PhP)   (Const. Foreman   1.00   80.95   (Const. Foreman   1.00   45.16   (Const. F	-	10.00	1.00	-	Aprila i Namar Di uti	
Labor         No. of Personts         No. of Hourfs         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Icoborers         1         1.00         45.16           Const. Foreman         2         1.00         45.16           Icoborers         1         1.00         45.16           Sub - Total for A.1 - As Submitted         2         1.00         45.16           Sub - Total for A.2 - As Evaluated         No. of Unit/s         No. of Hourls         Hourly Rate         Amount (PhP)           Equipment         1         1.00         172.00         172.00           Oncrete Vibrator         1         0.10         2,450.00         1           Water Truck/Pump <td></td> <td>10.00</td> <td>100</td> <td>_</td> <td>For Provision of Asphalt Sealent @ every grove</td> <td></td>		10.00	100	_	For Provision of Asphalt Sealent @ every grove	
Labor         No. of PersonIs         No. of HourIs         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           Installation/Removal of Formworks         1         1.00         80.95           Installation/Removal of Formworks         2         1.00         80.95           Installation/Removal of Formworks         1         1.00         45.16           Installation/Removal of Formworks         2         1.00         45.16           Installation/Remov	4					_
Labor         No. of Personls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           Const. Foreman         1         1.00         80.95           Installation/Removal of Formworks         1         1.00         80.95           Installation/Removal of Formworks         8         1.00         80.95           Installation/Removal of Formworks         1         1.00         80.95           Installation/Removal of Formworks         2         1.00         45.16           Sub- Total for A.1 - As Submitted         1         1.00         45.16           Installation/Removal of Formworks         No. of Hourls         Hourly Rate         Amount (PhP)           Equipment </td <td></td> <td>2,450.00</td> <td>0.10</td> <td>1</td> <td>Water Truck/Pump</td> <td></td>		2,450.00	0.10	1	Water Truck/Pump	
Labor         No. of Personls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           For Provision of Asphalt Section (@ every grove         1         1.00         80.95           Laborers         1         1.00         45.16         45.16           Sub - Total for A.1 - As Submitted         2         1.00         45.16         45.16           Sub - Total for A.2 - As Evaluated         No. of Unitifs         No. of Hourls         Hourly Rate         Amount (PhP)           Equipment         1         1.00         472.00         472.00		91.25	1.00	٠.	Concrete Vibrator	
Labor         No. of Personls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           Const. Foreman         1         1.00         80.95           Installation/Removal of Formworks         2         1.00         45.16           Sub - Total for A.1 - As Submitted         1         1.00         45.16           Installation/Removal of Formworks <td></td> <td>172 00</td> <td>100</td> <td>_</td> <td>One Bagger Mixer</td> <td></td>		172 00	100	_	One Bagger Mixer	
Labor         No. of Personl's         No. of Hourl's         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           Skilled Laborers         4         1.00         58.61           Icaborers         4         1.00         58.61           Icaborers         8         1.00         45.16           For Provision of Asphall Sealent @ every grove         1         1.00         80.95           Const. Foreman         1         1.00         80.95           Iabor         2         1.00         45.16           Sub- Total for A.1 - As Submitted         2         1.00         45.16           Iabor         No. of Hourls         Hourly Rate         Amount (PhP)					Equipment	
Labor         No. of Personls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Laborers         4         1.00         45.16           For Provision of Asphalt Sealent @ every grove         8         1.00         45.16           Const. Foreman         1         1.00         80.95           Laborers         1         1.00         80.95           Sub - Total for A.1 - As Submitted         2         1.00         45.16           Sub - Total for A.2 - As Evaluated         1         1.00         45.16	Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
Labor         No. of Personls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         8         1.00         45.16           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Installation/Removal of Formworks </td <td></td> <td></td> <td></td> <td></td> <td>Sub - Total for A.2 - As Evaluated</td> <td>-</td>					Sub - Total for A.2 - As Evaluated	-
Labor         No. of Personl's         No. of Hourl's         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Laborers         4         1.00         58.61           Laborers         4         1.00         45.16           For Provision of Asphalf Sealent @ every grove         8         1.00         45.16           Const. Foreman         1         1.00         80.95           Laborers         1         1.00         45.16           Sub-Total for A.1 - As Submitted         2         1.00         45.16					Labor	_
Labor         No. of PersonIls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Laborers         4         1.00         58.61           Const. Foreman         4         1.00         45.16           For Provision of Asphalf Sealent @ every grove         8         1.00         45.16           Const. Foreman         1         1.00         80.95           Laborers         1         1.00         45.16					Sub - Total for A.1 - As Submitted	
Labor         No. of Person/Is         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           \$killed Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         8         1.00         58.61           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Const. Foreman         8         1.00         80.95           Const. Foreman         1         1.00         80.95		10.10	1.00	•	LADORIS	_
Labor         No. of Person/Is         No. of Hour/Is         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           \$killed Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         8         1.00         58.61           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Installation of Asphall Sealent @ every grove         4         1.00         45.16		45 16	100	2 -	Const. Foreingn	
Labor         No. of PersonIls         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61		200	3		For Provision of Asphalt Sealent @ every grove	
Labor         No. of PersonIs         No. of Hourls         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           Skilled Laborers         4         1.00         58.61           Laborers         8         1.00         45.16           Installation/Removal of Formworks         4         1.00         58.61           Skilled Laborers         4         1.00         58.61		45.16	1.00	8	Laborers	
Labor         No. of Person/ls         No. of Hourly         Hourly Rate         Amount (PhP)           Const. Foreman         1         1.00         80.95           \$killed Laborers         4         1.00         58.61           Laborers         8         1.00         45.16		58.61	1.00	4	Installation/Removal of Formworks Skilled Laborers	
Designation   No. of Person(s   No. of Hour/s   Hourly Rate   Amount (PhP)						-
Designation No. of Person(s No. of Hour/s Hourly Rate Amount (PhP)  1 1.00 80.95 4 1.00 58.61		45.16	1.00	8	Laborers	
Designation No. of Personis No. of Houris Hourly Rate Amount (PhP)		58.61	1.00	4	Const. Foreman Skilled Laborers	
No. of Person/s No. of Hour/s Hourly Rate					Labor	
	Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	



Checked/Reviewed\_by: JERALD B. BARRERA Engineer II DPWH RO9

Item No. / Description 508(1) Handlaid Rock Embankment

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. 17,500.00 cu.m. 3.125

Labor   Count   Coun		(011 - 1112 - 112 - 012)			TOTAL CHILL POOR THE REGISTRATION
Canal. Common		(G.1+H.1+I.1+J.1)			Total Unit Cost - As Submitted
Const. Foreman		5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated
Const. Foreinten		5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted
Libborn   Total Forence		10%/8% of G.1			Contractor's Profit (CP) - As Submitted
Labor   Contribution   Contributio		12%/ 10% / 8% of G.2	15%/	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evalu
Labore   Total For A1 - As Submitted   Labore		12%/ 10% / 8% of G.1	15%/	itted	Overhead, Contingencies & Miscellaneous (OCM) - As Subm
Labor   1.00   2.00   1.00					Direct Unit Cost (E.1 + F.1) - As Submitted
Labor					Sub - Total for F.2 - As Evaluated
Labor   1					Materials
Labor   1		34			Sub - Total for F.1 - As Submitted
Labor   1	1				
Const. Foremon					
Const. Foreman					
Const. Foreman		1,187.00	1.05	cu.m.	Boulders
Const. Foreman					Materials
Labor   1	Amour	Unit Cost	Quantity	Unit	Name and Specification
Abor   1					Direct Unit Cost (C.2 + D.2) - As Evaluated
Abor   1					Direct Unit Cost (C.1 + D.1) - As Submitted
Annual Capacity   Annual Cap					Output per hour - As Evaluated
Labor   1					Outout ner hour - As Submitted
Labor   1					Total (A.1 + B.1) - As Submitted
Labor   Total for A.2 - As Evaluated   Name and Capacity   Name and Capacity   Rough Flowers   Name and Capacity   Rough Flowers   Name and Capacity   Rough Flowers   Name and Capacity   No. of Units   No. of Hour's   Hourly Rate   Total for B.1 - As Submitted   Name and Capacity   No. of Units   No. of Hour's   Hourly Rate   Total for B.1 - As Submitted   Name and Capacity   No. of Units   No. of Hour's   Hourly Rate   Total for B.1 - As Submitted   No. of Units   No. of Hour's   No. of Hour's   Hour's   No. of Hour's					Sub - Total for B.2 - As Evaluated
Labor   1					
Labor   1					Equipment
Labor   1					Sub - Total for B.1 - As Submitted
Labor   1.00					Table Montal State Control
Labor   1.00					
Labor   Const. Foreman					
Labor   1.00   80.95					
Labor   Const. Foreman   1   1.00   80.95					
Labor					
Labor   Const. Foreman   1.00   80.95					
Labor   Const. Foreman   1	-				
Labor   Const. Foreman   1.00   80.95					Equipment
Labor   Const. Foreman   1	† Amoun	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity
Labor         No. of rounts         nount nounts         nount nounts           Const. Foreman         1         1.00         80.95           Skilled Laborers         2         1.00         58.61           Laborers         8         1.00         45.16           Sub - Total for A.1 - As Submitted         1         1         1					Sub - Total for A.2 - As Evaluated
Labor   Const. Foreman   1   1,00   80.95					
Labor   Const. Foreman   1.00   1.0					
Labor   Const. Foreman   1,00   80.95					Labor
Labor   RO. OF PRISONIS   RO. OF INJURY   ROUTE   RO					Sub - Total for A.1 - As Submitted
Labor   Mo. of Personis   No. of Nouris   No. of Nouris					
Labor         1         1.00         80.95           Const. Foreman         1         1.00         80.95           Skilled Laborers         2         1.00         58.61           Laborers         8         1.00         45.16					
Labor         1         1.00         80.95           Const. Foreman         2         1.00         58.61           Laborers         8         1.00         45.16					
Labor         No. of Personals         No. of Prounts         Prounts </td <td></td> <td></td> <td></td> <td></td> <td></td>					
1 1.00 80.95 2 1.00 58.61		45.16	1.00	8	Laborers
ro, or retsollis no, or nouris nouriy nate		58.61	1.00	2	Skilled Laborers
DESIGNATION NO. OF PERSONAL NO. OF NOURS NO.		80.95	1.00	_	Const. Foreman
NO DI PORTO	Allou	Houry Nate	no. or mours	NO. OI FEI SOILS	

Prepared by:

Checked/Reviewed by:

JEBALD B. BARRERA
Engineer II
DPWH RO9

# CONSTRUCTION/MAINTENANCE OF FLOOD MITIGATION STRUCTURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTENSION OF FLOOD DAPITAN CITY, ZAMBOANGA DEL NORTE DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. / Description 715(2) Separation Geotextile

1,803.00

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. .. sq.m. 100.00

				ı	
	(G.2+H.2+I.2+J.2)				£2
229.11	(G.1 + H.1 + I.1 + I.1)			Total Unit Cost - As Submitted	2 2
18.01	5% of (G.1 + n.1 +l.1)			_	5 5
	10%/8% of G.2			Contractor's Profit (CP) - As Evaluated	: 2
14.79	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	=
	15% / 12%/ 10% / 8% of G.2	15%	ated	_	H.2
18.49	15% / 12% / 10% / 8% of G.1	15%	itted		Ξ
					G.2
184.91				_	G.1
				Sub - Total for F.2 - As Evaluated	ī
				Materials	F <sub>2</sub>
168.00				Sub - Total for F.1 - As Submitted	
a a				061	
168.00	160.00	1.05	sq.m.	Filter Cloth	垩
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
16.91				_	Ξ.
100.00					D.2
100.00					<u></u>
					C2
1.691.47				Total (A.1 + B.1) - As Submitted	2
					8.2
				Equipment	
1,212.00				Sub - Total for B.1 - As Submitted	
•					
9.					
					<u>B.1</u>
: Z*					
1,212.00	1,212.00	1.00	1	Cargo Truck/Delivery truck	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
-					A.2
0.00					
•				Labor	
479.47				Sub - Total for A.1 - As Submitted	
0.00					
001.20	75.10	1.00		rapolets	<u>.1</u>
36 136	58.61 As 46	1.00	8	Skilled Laborers	
80.95	80.95	1.00	-	Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Checked/Reviewed by:

Item No. / Description 1704(1)a Embankment

7,545.00 cu.m. 50.00

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .. .. .. ..

Amount (PhP)	15%/12%/10%/18% of G.1 15%/12%/10%/18% of G.2 10%/18% of G.2 10%/18% of G.2 5% of (G.1 + H.1 +1.) 5% of (G.2 + H.2 +1.2 +1.2) (G.2 + H.2 +1.2 + J.2)			1.1 Value Added Tax (VAT) - As Evaluated 1.2 Value Added Tax (VAT) - As Evaluated 1.1 Total Unit Cost - As Submitted 1.2 Total Unit Cost - As Evaluated 1.3 Total Unit Cost - As Evaluated	2 2 2
Amount (PhP)	15% / 12%/ 10% 15% / 12%/ 10% 15% / 12%/ 10% 10% 5% of (6.1				- L
Amount (Php)	15% / 12% / 10% 15% / 12% / 10% 15% / 12% / 10% 10% 5% of (6.1			_	
Amount (PhP)	15% / 12% / 10% 15% / 12% / 10% 15% / 12% / 10%				٤.
Amount (PhP)	15% / 12% / 10% 15% / 12% / 10%				: 12
Amount (PhP)	15% / 12% / 10% 15% / 12% / 10%				=
Amount (PhP)	15% / 12%/ 10%		rated		Ŧ
Amount (PhP)			nitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Ξ
Amount (PhP)				_	6.2
Amount (PhP)				_	6.1
Amount (PhP)				Sub - Total for F.2 - As Evaluated	
Amount (PhP)				F.2 Materials	F.2
Amount (PhP)				Sub - Total for F.1 - As Submitted	
Amount (PhP)					
Amount (PhP)					
Amount (PhP)					
Amount (PhP)					
Amount (PhP)					
Amount (PhP)				3	3
Amount (PhP)					
Amount (PhP)					
Amount (PhP)	1.20		COLIT	Filingiwingin indicators (in 2010 sililing de 1000)	
Amount (PhP)	1 25		213	Materials  Embaykment materials (nul 25%, shrinkana factor)	
Amount (PhP)		-		100	
		Quantity	Unit	Name and Specification	
					E2
96.08					T :
50.00				_	3 5
50.00				_	3 5
					3 5
4.803.76				C1 Total (A1+R1) - As Submitted	2
					8.2
				Equipment	2
4,631.50				Sub - Total for B.1 - As Submitted	
				1000	
	0.25		-	Water Trick	ŗ
1846 00 1846 00	100		-		0
217200	8			Equipment	
Hourly Rate Amount (PhP)		No. of Hour/s	No. of Unit/s	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
				4.2	A.2
				Lapor	
172.26				Sub - Total for A.1 - As Submitted	
	1.00		2	_	
80.95	1.00		_	Labor Const Foreman	<u> </u>
Hourly Rate Amount (PhP)		No. of Hourls	No. of Personis	Designation	

Prepared by:

Checked/Reviewed by: JERALD R. BARRÉRA
Engineer II
DPWH ROS

Item No. / Description 1716(6) Structural Steel Sheet Piles, Furnished (0.40wide)

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 8,028.00 In.m. 48.00

\					Ī
7,000.21	(G.2 + H.2 + I.2 + J.2)			_	<u> </u>
1 4 000 97	0% of (G.2 + H.2 +l.2)			J.2 Value Added Lax (VAI) - As Evaluated  K.1 Total Hait Cost - As Submitted	× -
190.49	5% of (G.1 + H.1 +l.1)			-	
•	10% / 8% of G.2			I.2 Contractor's Profit (CP) - As Evaluated	I_
258.29	10% / 8% of G.1				_
•	15% / 12%/ 10% / 8% of G.2	15%/	ated		Ŧ
322.86	5% / 12% / 10% / 8% of G.1	15%/	tted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	<b>=</b>
3,228.62				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	0 0
				F.2	п
3,168.00				Sub - Total for F.1 - As Submitted	
i a					
Bara Ba				;	
ing these					п
3,168.00	66.00	48.00	kg.	Steel Sheet Pile FY50	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				E.2 Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	m
60.62					m
48.00				D.2 Output per hour - As Evaluated	0 -
-				_	
2,909.96				-	
1				Sub - Total for B.2 - As Evaluated	
				Equipment	
2,620.47				Sub - Total for B.1 - As Submitted	
14.47				Minor Tools (5% of Labor Cost)	
*					
3					
				B.1	<b></b>
•					
2,606.00	2,606.00	1.00	-	Truckmounted Crane	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				Sub · Total for A.2 · As Evaluated	T
					_
				A.2	1
				Labor	Т
289.48				Sub · Total for A.1 · As Submitted	
0.00					
0.00					
					5
90.31	45.16	1.00	2	A.1 Laborers	
117.22	58.61	1.00	2	Skilled Laborers	
30 95	80 95	1 00	_	Canst Foreman	
Amount (PAP)	nourly Kate	NO. OI HOUIJS	NO. OI FEISOIIIS	i changination	
(0.0)	U	No of Usuals	No of Bossonia	Doctorollon	$\neg$

Prepared by

Checked/Reviewed by: JERALD B. BARRERA Engineer II DPWH ROS

Item No. / Description 1716(12) Structural Steel Sheet Piles, Driven

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated .... ... ... ... 8,028.00 In.m. 10.00

J				
	(G.2 + H.2 + I.2 + J.2)			_
934 27	(G1+H1+l1+.l1)			K.1 Total Unit Cost - As Submitted
	5% of (G.2 + H.2 +I.2)			
44.25	50/ OF/C 1 + H 1 + I 1)			1.2 Conductor's Front (CF) - As Evaluated
80.13	10%/ 6% of G.1			
	12% 10% / 8% of G.2	19%/	ated	
75.16	15% / 12% / 10% / 8% of G.1	15%/	itted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
•				G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated
751.63				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted
				Sub · Total for F.2 · As Evaluated
				Materials
39.24				Sub - Total for F.1 - As Submitted
*				
7				
110				
				20
36.00	3,730.00	0800.0		Cxygen/Acetylene
3.24	135.00	0.024	kg.	Welding Rod
				Materials
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification
•				E.2 Direct Unit Cost (C.2 + D.2) - As Evaluated
712.39				
10.00				
10.00				
				C.2 Total (A.2 + B.2) - As Evaluated
7,123.94				
				Sub - Total for B.2 - As Evaluated
				B.2
0,410.40				Fourierent
6 440 40				Sub Total for B 4 - As Submitted
22.73	45.45	0.50	-	Cutting Outfit
371.00	371.00	1.00	_	Welding Machine
1,296.67	1,296.67	1.00	1	B.1 Gen. Set
2,123.00	2,123.00	1.00	1	Vibro Hammer
2,606.00	2,606.00	1.00	1	Truck Mounted Crane
				Equipment
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity
				Sub - Total for A.2 - As Evaluated
				A.2
				Labor
704.55				Sub - Total for A.1 - As Submitted
0.00				
0.00				
				2
270.94	45.16	1.00	6	
351.66	58.61	1.00	6	Skilled Laborers
80.95	80.95	1.00	_	Const. Foreman
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation

Prepared by:

CheckediReviewed by.

JERALD B. BARRERA

LEGINEER II

DPWH RO9

Item No. / Description 1716(16) Steel Sheet Test Piles, Furnished and Driven

Quantity
Unit of Measurement
Output per hour - As Submitted .. .. .. 12.00 In.m. 8.00

	Sub - Total	2	A 3	Labor	Sub - Total			A.1 Laborers		Skilled Laborers	Const. Foreman	Labor	
	Sub - Total for A.2 - As Evaluated				Sub - Total for A.1 - As Submitted					porers	eman		Designation
								o	,	6	-		No. of Personis
								1.00	400	1.00	1.00		No. of Hour/s
The second secon								45.10	4E 46	58.61	80.95		Hourly Rate
Amanua (Dub)					704.5	0.00	0.00	212	70 070	351.66	80.95		Amount (PhP)

>					
•	5			_	K2
6,842.85	(G.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	K 1
323:00	5% of (G.1 + H.1 +1.1)				
325.85	5% of /G 1 + H 1 + I 1)			Contractor's Profit (CP) - As Evaluated	: 2
441.03	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	=
	15% / 12%/ 10% / 8% of G.2	15%	rated	-	H.2
552.29	15% / 12%/ 10% / 8% of G.1	15%	nitted		Ŧ
•				_	G 2
5.522.88				Sub - Total for F.2 - As Evaluated  Direct Unit Cost /F 1 + F 1) - As Submitted	2
				I I I I I I I I I I I I I I I I I I I	F.2
				Materials	T
4.632.39				Sub - Total for Ed - As Submitted	
36.00	3,750.00	0.0096	set	Oxy/Acetylene	
3.24	135.00	0.024	kg.	Welding Rod	
4,000.27	4,000.27	1.00	Э.	Sheet Sheet Pile	
6.88	43.00	0.16	kg.	Nail/Spike	Ξ
144.00	36.00	4.00	bd.ft	Good Lumber	
442 00	520.00	0.85	3	Parallar	
21				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
890.49					四
8.00					D.2
8.00				-	D.1
				$\rightarrow$	C.2
7,123.94				_	0.1
				Sub - Total for B.2 - As Evaluated	ļ
				Equipment	D S
6,419.40				Sub - Total for B.1 - As Submitted	
				Cont.	
22.73	45.45	0.50	<b>-</b>	Cutting Outfit	
371.00	371 00	100	1	Welding Machine	5.2
2,123.00	2,123.00	1.00		Vibro Hammer	
2,606.00	2,606.00	1.00		Truck Mounted Crane	
-				Equipment	
Amount (PhP)	Hourly Rate	No. of Houris	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
704.55				Sub - Total for A.1 - As Submitted	
0.00	(4)				
0.00					
				ruboleis	<u>A</u> 1
270.94	45 16	100	n 0	Skilled Laborers	
251 66	80.95	1.00	, _	Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
4 00 00 00 00 00 00 00 00 00 00 00 00 00					

Prepared by:

CheckediReviewed by:

JERALD BARKERA

JERALD BARKERA

Engineer II

DPWH RO9

Item No. / Description 1710(2)a Grouted Riprap, Class " A"

Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated Quantity 1,803.00 cu.m. 1.25

-

>	1				
0,/52.05	(G2+H2+12+J2)			Total Unit Cost - As Sublinated	3 2
27026	5% of (G.2 + H.2 +l.2)				J.2
180.60	5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	١.1
-	10% / 8% of G.2				1.2
244.89	10% / 8% of G.1				=
306.11	15% / 12%/ 10% / 8% of G.1	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	5 =
3,001.09					6.2
3 084 00					2
				Materials	F.2
2,422.73				Sub - Total for F.1 - As Submitted	
23.99				Misc. (1% of Materials Cost)	
1,246.35	1,187.00	1.05	cu.m.	Boulders	
2.40	160.00	0.015	sq.m.	Filter Cloth	
31,90	106.33	0.30	m.	50mm. (2") PVC Pipe	
13.70	913.00	0.015	cu.m.		Ξ
240.75	963.00	0.250	cu.m.	Fine Aggregates	
863.65	287.88	3.00	bag	Portland Cement	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
•				-	E.2
638.35					四
1.25				_	D.2
1.25					2
				Total (A.2 + B.2) - As Evaluated	3 5
707 04				_	2
				_	B.2
				$\rightarrow$	
318.47				Sub - Total for B.1 - As Submitted	
23 97				Minor Tools (5 % of Labor Cost)	
•					B.1
	2,430.00	0.00	-		
172.00	172.00	1.00		One Bagger Mixer	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	1
479,47				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
301.23	45.10	1.00	٥	Laborers	<u>A</u> 1
117.22	58.61	1.00	2	Skilled Laborers	
80.95	80.95	1.00	_	Const. Foreman	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Checked/Reviewed by: JERALD B. BARRERA
Engineer II
DPWH RO9

## UNIT COST DERIVATION FOR PORTLAND CEMENT

# TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

78,330.00	1 0 1 0 1
220.00	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)
1,661.00	Stone Masonry
99.00	Grouted Riprap, Class "A"
133.00	Reinf. Conc. Culvert Pipe, 910mm dia.
8,821.00	Structural Concrete, Class"A"
133.00	Reinforced Concrete Culvert Pipe, 910 mm. (36") diameter
67,263.00	Portland Cement Concrete Pavement, 0.28 m. thick
QUANTITY (Bags)	DESCRIPTION

Quantity = **78,330.00** Bags

Delivery Charge = P = 0.120 / bag / km.

SITE	HAULING DISTANCE
Zamboanga del Norte 3RD DEO	30 OO
PROJECT SITE	20:02

\*Average hauling distance from Source to assumed Stockpiling area :

зу 20.00 km.

Delivery Charge = P  $0.120 \times 20.00$ 

=P 2.40 /bag

\*Delivery Truck

78,330.00 bags., (hauling works)

20,000.00 kgs., (capacity per haul)

Q

500.00 bags, (capacity per haul)

\*Capacity of Laborers unloading bags of Cement from Delivery Truck :

Assume ( 10 ) laborers can unload 500.00 bags of Cement.

\*Dumptruck (10 Wheeler) days computation : TIME-MOTION ANALYSIS

Speed when loaded

Speed when unloaded

30.00 kph

: 40.00 kp

Loaded running

П

30.00

II

40.00 mins.

40.00 kph 20.00 x 60

Unloaded running = 
$$\frac{20.00 \times 60}{40.00}$$
 = 30.00 mins.

$$: 500.00 \text{ bags}$$
Total Cycle time : 115.00 mins.

No. of trips for Dumptruck =  $\frac{8.0 \times 60.00}{1.15}$  = 4.15

No. of trips for Dumptruck = 
$$\frac{8.0 \times 60.00}{115.00}$$
 = 4.17 say 4.17 per day = 500 x 4.17 = 2.086.96 cu.m. Using ( 4 ) Dumptrucks = 4 x 2086.96 = 8.347.83 cu.m.

#i

### DELIVERY COST:

1 - Foreman	LABOR:		78,330.00 - F
			78,330.00 - Bags, Portland Cement
@ P			
611.92 /day			@P 2.40 /bag
×			2.40
$\times$ 9.38 days = P		Sub - Total	/ bag
days		₫	
II TO		<del></del> 0	۱P
5,741.82		187,992.00	187,992.00

## MATERIALS:

5

- Laborers, unloading

@ P

342.24 /day

×

days

Ш

U 70

Sub - Total 9.38

37,855.16 32,113.34

	78,330.00 -
(Pick-Up Price)	- Bags, Portland Cement
	@ P
	285.00
Sub - Total	/bag
"♥	۳
22,324,050.00	22,324,050.00

Delivery Cost	Grand Total	Unit Cost	Estimated Quantity
٦	٦	<del>"</del> 0	
187,992.00	22,549,897.16	287.88 / Bag, say P	78,330.00 Bags
		say I	
		287.88 / Bag	_

**Delivery Cost** 

# UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

## Hauling Cost from the District Office to Site

Item No. ALL AGGREGATES Terrain Flat to Rolling

Quantity 1,000.00 Unit cu.m.

**Hauling Distance** 5.00 ŔŊ.

Effective Working Hours 8.00 hrs.

### Hauling: Using 10.00 cu.m.capacity Dumptruck

Weight of Dumptruck (cap. 10.00 cu.m.) 16,000.00 kgs.

Unit weight of Coarse Aggregates Unit weight of Fine Aggregates ٠. 1,640.00 1,534.00 11.57 kg/m3 kg/m3 cu.m.

\*Dumptruck (10 Wheeler) days computation : TIME-MOTION ANALYSIS

Maximum Volume to be Carried per DT

Speed when loaded 30.00 Ş

Speed when unloaded 40.00 Ŕ

5.00

8

Unloaded running Loaded running 11 5.00 30.00 40.00 × × 6 U 7.50 10.00 mins. mins.

Loading and Unloading 5.00 mins.

Capacity of Dumptruck 10.00 cu.m.

Total Cycle time 22.50 mins.

No. of trips for Dumptruck Dumptruck daily output 10 × 22.50 21.33 60.00 11 213.33 cu.m. 21.33 say 21.33 trips

Using ( 4 ) Dumptrucks

4

×

213.33

Ħ

853.33

cu.m.

No. of days for Dumptrucks 1,000.00 853.33 П 1.17 say 1.17

## EQUIPMENT USED: (2009 ACEL RATES)

 Unit Dumptruck @ P 11,360.00 /day × Sub - Total 1.17 days 0 T 53,250.00 53,250.00

Estimated Quantity 1,000.00 cu.m.

**Unit Cost** Grand Total 53,250.00 10.65 / cu. m./km. (Unit Cost, Hauling per cu.m.per km.)

 Unit Cost
 P
 10.65

 Grand Total
 P
 53,250.00

 Equipment
 P
 53,250.00

 Labor
 P

 Materials
 P

## ZAMBOANGA DEL NORTE 3RD DEO

<b>&gt;</b>	Ave. Hauling Distance		Unit Cost per cu.m./km.		Hauling Cost per cu.m.		Unit Pirce		Unif Cost per cu.m.
Cost of Fine Aggregates:	20,00	×	10.65	11	213.00	+	750.00	11	963.00
Cost of Coarse Aggregates:	20.00	×	10.65	11	213.00	+	700.00	II	913.00
Cost of Item 200 Materials:	20.00	×	10.65	11	213.00	+	618.00	11	831.00
Cost of Item 201 Materials:	20.00	×	10.65	II	213.00	+	650.00	11	863.00
Cost of Item 300 Materials:	20.00	×	10.65	Ш	213.00	+	775.00	II	988.00
Cost of Boulders:	20.00	×	10.65	11	213.00	_ +	974.00	П	1,187.00
Cost of Embankmen, Common Borrow:	10.00	×	10.65	Ш	106.50	+	400.00	11	506.50
Cost of Embankmen, Selected Borrow:	20.00	×	10.65	11	213.00	+	500.00	H	713.00