

Source of Fund

### DPWH RE \_\_NAL OFFICE IX

### PROGRAM OF WORKS/BUDGET COST

Project	i		NTENANCE OF FLOOD MITIGATION STRUCTURES AND DRAINAGE SYSTEMS- SION OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION , ZAMBOANGA DEL NORTE
Project ID	:		
_ocation	1	ZAMBOANGA DEL NOR	TE
Station Limits	:	1 + 875.09 - 2 + 300.00, 2	+ 300.00 - 2 + 398.09
Appropriation	- 6	Php	120 000 000 00

: (a) Road Net Length 523.00 In.m. (b) Bridge (c) Others Target Start Date Total Project Duration 453 CD No. of Pre-determined CD 77 Unworkable Days 44 CD

-				AS	SUBMITTED	AS EVALUATED		
	DESCRIPTION OF WORKS TO BE DONE QUAN		UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST	
Part	A: Facilities for the Engineer			1.35	1,254,201.99			
	B: Other General Requirements			0.58	533,607.90			
	C: Earthwork			1.27	1,182,033.65			
	D: Subbase and Base Course			0.82	759,345.65			
	J: Flood Control and Drainage			6.69	6,202,099.21			
	F: Bridge Construction			16.52	15,316,954.66			
	G: Drainage and Slope Protection Structures			32.19	29,850,613.84			
	: Materials Details			0.39	361,323.32			
-7/	I-B Bank and Slope Protection Works			40.20	37,284,705.42			
		Total		100.00	92,744,885.64			

EQUIPMENT:

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

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	7,090,997.29	
2. Materials	76,650,338.59	
3. Rental of Equipment	9,003,549.75	
4. Provisional Sum / Daywork		
5. OCM and Profit	16,501,028.37	· · · · · · · · · · · · · · · · · · ·
6. Value Added Tax	5,462,295.70	
7. EAO, %	4,014,787.34	
8. RROW Acquisition	1,277,002.95	
9. Physical Reserved (Contingency)		
10.TOTAL ESTIMATED COST	120,000,000.00	

	AS SUBMITTED	AS EVALUA
A. Total Direct Cost	92,744,885.64	
B. OCM and Profit	16,501,028.37	
C. Value Added Tax	5,462,295.70	
D. Total Construction Cost	. 114,708,209.71	
E. Eng'g & Administrative Overhead, %	4,014,787.34	
F. RROW Acquisition	1,277,002.95	
G. Physical Reserved (Contingency)		
H. TOTAL ESTIMATED COST	120,000,000,00	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Reviewed as to Unit Cos

Evaluation:

Recommending Approval:

Approval:

Approved:

Engineer IV - Chairman Estimating Committee

DPWH RO9

ISIDRA A. ESTANISLAO

SATURNINO C. TORREFRANCA O/C-Chief, Planning & Design Division

DPWH RO9

OIC-Assistant Regional Director DPWH RQ9

OIC Regional Director DPWH RO9



### DPV. .... EGIONAL OFFICE IX

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

### APPROVED BUDGET FOR THE CONTRACT

							No.	Contract Duration:	453
ITEM NO.	DESCRIPTION		ESTIMATED DIRECT COST	TO	OTAL MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT COST
112 110.	DESCRIPTION		EGTIMATED DIRECT GOOT	% VALUE		YAI	COST	TOTAL COST	UNIT COST
DART A	FACILITIES FOR THE ENGINEER	AS EVALUATED							
FAIXI A	TAGILITIES FOR THE ENGINEER	AS SUBMITTED	1,254,201.99		102,175.59	67,818.88	169,994.47	1,424,196.46	
DADT D	OTHER GENERAL REQUIREMENTS	AS EVALUATED							
PARID	OTHER GENERAL REQUIREMENTS	AS SUBMITTED	533,607.90		26,579.14	28,009.35	54,588.49	588,196.39	
DADTC	EARTHWORK	AS EVALUATED							
FARTO	EARTHWORK	AS SUBMITTED	1,182,033.65		212,766.06	69,739.99	282,506.04	1,464,539.69	
DADT D	SUBBASE AND BASE COURSE	AS EVALUATED							
TAKI D SOE	JBBASE AND BASE COURSE	AS SUBMITTED	759,345.65		136,682.22	44,801.39	181,483.61	940,829.26	
DADT I	T J FLOOD CONTROL AND DRAINAGE	AS EVALUATED							
PARI J	FEOOD CONTROL AND DRAINAGE	AS SUBMITTED	6,202,099.21		1,116,377.86	365,923.85	1,482,301.71	7,684,400.92	
DADTE	BRIDGE CONSTRUCTION	AS EVALUATED						5	
FARIF	BRIDGE CONSTRUCTION	AS SUBMITTED	15,316,954.66		2,757,051.84	903,700.32	3,660,752.16	18,977,706.82	
DARTC	DRAINAGE AND SLOPE PROTECTION	AS EVALUATED							
PARTG	DRAINAGE AND SLOPE PROTECTION	AS SUBMITTED	29,850,613.84		5,373,110.49	1,761,186.22	7,134,296.71	36,984,910.55	
DADTI	MATERIALS DETAILS	AS EVALUATED							
PARTI	WATERIALS DETAILS	AS SUBMITTED	361,323.32		65,038.20	21,318.08	86,356.27	447,679.60	
DADTID	BANK AND SLOPE PROTECTION	AS EVALUATED							
PARI I-B	DANK AND SLOPE PROTECTION	AS SUBMITTED	37,284,705.42		6,711,246.98	2,199,797.62	8,911,044.60	46,195,750.02	
	TOTAL	AS EVALUATED							
	TOTAL	AS SUBMITTED	92,744,885.64		16,501,028.37	5,462,295.70	21,963,324.07	114,708,209.71	

Preparation and Submission:

IOSEPHINE B. RENGQUIJO

Engineer

DPWH RO9

Prepared by:

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee

QPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNINO C. TORREFRANCA

QIC-Chief, Planning & Design Division

DPWH RO9

Approval:

Recommending Approval:

KHADAFEY D. TANGGOL

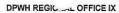
OIC-Assistant Regional Director DPWH RO9

Approved:

CAYAMOMBAO D. DIA Regional Director

DPWH RO9





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

### ZAMBOANGA DEL NORTE

### APPROVED BUDGET FOR THE CONTRACT

Contract Duration :

										Contract Duration :					
ITEM NO.	DESCRIPTION		QUANTITY	UNIT	ESTIMATED DIRECT	1	TOTAL MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT COST				
II LIII NO.	BESSELL FIGH		QUANTITI	UNIT	COST	%	VALUE	VAI	COST	TOTAL COST	UNIT COST				
PART A	FACILITIES FOR THE ENGINEER								*						
Λ 1 1/3\	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS EVALUATED													
A.1.1(0)	Constitution of Field Office for the Engineer (7.011. × 9.0 ff).	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				
Δ 1 1/11)	Provision of Furnitures/Fixtures, Equipment and Appliances	AS EVALUATED													
Α.Ι.Ι(ΙΙ)	for theField 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				
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	AS EVALUATED													
Λ. 1.2	Operation and Maintenance of Gov ( Gervice Vehicle	AS SUBMITTED	1.00	L.S.	571,793.14	0%		28,589.66	28,589.66	600,382.80	600,382.80				
	TOTAL OF PART A	AS EVALUATED													
	TOTALOT FARTA	AS SUBMITTED			1,254,201.99		102,175.59	67,818.88	169,994.47	1,424,196.46					
PART B	OTHER GENERAL REQUIREMENTS														
B.5	Project Billboard/Signboard	AS EVALUATED													
5.5	Project Biliboard/Signboard	AS SUBMITTED	4.00	units	14,579.49	18%	2,624.31	860.19	3,484.50	18,063.99	4,516.00				
B.4 (1)	Construction Survey and Staking	AS EVALUATED													
D.4 (1)	Constitution ourvey and otaking	AS SUBMITTED	0.52	km.	14,966.63	18%	2,693.99	883.03	3,577.02	18,543.65	35,456.31				
B.7	Occupational Safety and Health Program	AS EVALUATED													
D.7	Occupational Salety and Fleath Flogram	AS SUBMITTED	1.00	L. S.	265,760.50	8%	21,260.84	14,351.07	35,611.91	301,372.41	301,372.41				
B.9	Mobilization & Demobilization	AS EVALUATED													
D.3	Wilder Comments of the Comment	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									50 % 25				
	TOTALOFFARED	AS SUBMITTED			533,607.90		26,579.14	28,009.35	54,588.49	588,196.39					
PART C	EARTHWORK		П												
104(2)a	Embankment from Borrow	AS EVALUATED													
104(2)6	Embankinent nom borrow	AS SUBMITTED	1,621.00	cu.m.	1,182,033.65	18%	212,766.06	69,739.99	282,506.04	1,464,539.69	903.48				
	TOTAL OF PART C	AS EVALUATED					70.								
	TOTAL OF TAKE O	AS SUBMITTED	-		1,182,033.65		212,766.06	69,739.99	282,506.04	1,464,539.69					

Preparation and Submission:

Prepared by:

Checked/Submitted by:

Reviewed as to Unit Cost:

Evaluation:

SATURNINO C. TORREFRANCA OC-Chief, Planning & Design Division

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

DPWH RO9

JOSEPHINE B RENGOULO Engineer II

PART D	SUBBASE AND BASE COURSE										
200(1)	Aggregate Subbas Course	AS EVALUATED									
200(1)	Aggregate Subbas Course	AS SUBMITTED	722.00	cu.m.	759,345.65	18%	136,682.22	44,801.39	181,483.61	940,829.26	1,303.09
	TOTAL OF PART C	AS EVALUATED				10000	Western Hard State Control of Control	100 A - 200 (100 (100 A)		1000 erec • 300 eres 100 eres	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	TOTAL OF PART C	AS SUBMITTED			759,345.65		136,682.22	44,801.39	181,483.61	940,829.26	
PART J	FLOOD CONTROL AND DRAINAGE									S. All years # A resident description	
1702(1)	Structure Excavation	AS EVALUATED									
1702(1)	Structure Excavation	AS SUBMITTED	2,460.00	cu.m.	565,381.09	18%	101,768.60	33,357.48	135,126.08	700,507.17	284.76
1704/110	Embankment	AS EVALUATED									
1704(1)a	Embankment	AS SUBMITTED	7,730.00	cu.m.	5,636,718.13	18%	1,014,609.26	332,566.37	1,347,175.63	6,983,893.76	903.48
	TOTAL OF PART C	AS EVALUATED									
	TOTAL OF PART C	AS SUBMITTED			6,202,099.21		1,116,377.86	365,923.85	1,482,301.71	7,684,400.92	
PART F	BRIDGE CONSTRUCTION										
404(1)a	Reinforcing Steel, (Grade 40)	AS EVALUATED									
404(1)a	Tremiticing Steet, (Grade 40)	AS SUBMITTED	43,992.00	kg.	2,402,674.40	18%	432,481.39	141,757.79	574,239.18	2,976,913.59	67.67
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS EVALUATED									
101(1)0	Treinfording Steel Bai, (Grade 66)	AS SUBMITTED	7,428.00	kg.	390,090.09	18%	70,216.22	23,015.32	93,231.53	483,321.62	65.07
405(1)a3	Structural Concrete, Class"A"	AS EVALUATED									
400(1)a0	Structural Concrete, Class A	AS SUBMITTED	1,794.00	cu.m.	12,524,190.17	18%	2,254,354.23	738,927.22	2,993,281.45	15,517,471.62	8,649.65
	TOTAL OF PART F	AS EVALUATED									
	TOTALOT PART	AS SUBMITTED			15,316,954.66		2,757,051.84	903,700.32	3,660,752.16	18,977,706.82	
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES										
E00(4)	Handlaid Back Embankment	AS EVALUATED									
508(1)	Handlaid Rock Embankment	AS SUBMITTED	21,094.00	cu.m.	29,850,613.84	18%	5,373,110.49	1,761,186.22	7,134,296.71	36,984,910.55	1,753.34
	TOTAL OF PART G	AS EVALUATED					11				
	TOTAL OF PART G	AS SUBMITTED			29,850,613.84		5,373,110.49	1,761,186.22	7,134,296.71	36,984,910.55	
PART I	MATERIALS DETAILS										
715(2)	Separation Geotextile	AS EVALUATED									
113(2)	ocparation dediextile	AS SUBMITTED	1,954.00	sq.m.	361,323.32	18%	65,038.20	21,318.08	86,356.27	447,679.60	229.11
	TOTAL OF PART I	AS EVALUATED									
	TOTAL OF FAIRT	AS SUBMITTED			361,323.32		65,038.20	21,318.08	86,356.27	447,679.60	

Preparation and Submission:

Prepared by:

IOSEDHINES DENGOVI IO

DOWN DOO

Checked/Submitted by:

ISIDRA A. ESTANISLAO
Engineer IV - Chairman Estimating Committee

PPWH RO9

Evaluation:

Reviewed as to Unit Cost:

SATURNING C. TORREFRANCA
OCC-Chief, Planning & Design Division

DPWH RO9

PART I-B	BANK AND SLOPE PROTECTION										
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS EVALUATED									
1710(0)	Structural Steel Sheet Files, Fulfilshed (0.40wide)	AS SUBMITTED	7,848.00	ln.m.	25,338,242.12	18%	4,560,883.58	1,494,956.29	6,055,839.87	31,394,081.99	4,000.27
1716/12\	Structural Steel Sheet Piles, Driven	AS EVALUATED									
1710(12)	Ottuctulal Steel Sheet Files, Driver	AS SUBMITTED	7,848.00	ln.m.	5,898,826.58	18%	1,061,788.78	348,030.77	1,409,819.55	7,308,646.13	931.27
1716(16)	Steel Sheet Test Piles, Furnished and Driven	AS EVALUATED									
17 10(10)	oteer offeet restrilles, ruffished and briven	AS SUBMITTED	12.00	ln.m.	66,274.54	18%	11,929.42	3,910.20	15,839.61	82,114.15	6,842.85
1710/2\a	Grouted Riprap, Class "A"	AS EVALUATED									
17 10(2)0	Crouted Kiprap, Glass A	AS SUBMITTED	1,954.00	cu. m.	5,981,362.18	18%	1,076,645.19	352,900.37	1,429,545.56	7,410,907.75	3,792.69
	TOTAL OF PART I-B	AS EVALUATED									
	TOTALOFFARTES	AS SUBMITTED			37,284,705.42		6,711,246.98	2,199,797.62	8,911,044.60	46,195,750.02	
	GRAND TOTAL	AS EVALUATED									
	CIGNED TOTAL	AS SUBMITTED			92,744,885.64		16,501,028.37	5,462,295.70	21,963,324.07	114,708,209.71	

Preparation and Submission:

Prepared by:

Checked/Submitted by:

ISIDRA A. ESTANISLAO

Engineer IV - Chairman Estimating Committee

DPWH RO9

Evaluation:

Reviewed as to Unit Cost

SATURNING C. TORREFRANCA
OC-Chief, Planning & Design Division
DPWH R09

N/MAINTENANCE OF FLOOD MITIGATION CTURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTE. OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION, ZAMBOANGA DEL NOR ZAMBOANGA DEL NORTE

						DETAIL	ED BREAKDOW	N OF COMPONEN	IT COST FOR EA	ACH ITE	М		
ITEM NO.	DESCRIPTION		%	QTY.	UNIT		DIRECT	COST		TOTAL MARK-UP		5% VAT	TOTAL COST
ITEW NO.			70	QIT.	UNII	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAI	TOTAL COST
PART A	FACILITIES FOR THE ENGINEER												
A.1.1(3)	Construction of Field Office for the Engineer (7.0m. X 9.0 m.)	AS EVALUATED			L.S.								
		AS SUBMITTED	0.513	1.00		315,326.12	109,329.75	51,172.98	475,828.85	18%	85,649.19	28,073.90	589,551.94
A.1.1(11)	Provision of Furnitures/Fixtures, Equipment and Appliances for	AS EVALUATED			L. S.								
	theField Office for the Engineers	AS SUBMITTED	0.223	1.00		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	221		L.S.	222 222 22				•••			
		AS SUBMITTED  AS EVALUATED	0.617	1.00		359,390.50	212,402.64		571,793.14	0%		28,589.66	600,382.80
	TOTAL OF PART A	AS SUBMITTED	1.352			881,296.62	321,732.39	54 470 00	4 254 204 00		400 475 50	67,818.88	1,424,196.46
PART B	OTHER GENERAL REQUIREMENTS	AS SUBMITTED	1.352	and the second		881,296.62	321,/32.39	51,172.98	1,254,201.99		102,175.59	67,010.00	1,424,196.46
		AS EVALUATED											Mark Control
B.5	Project Billboard/Signboard	AS SUBMITTED	0.016	4.00	units	13.660.00	919.49	1927	14,579.49	18%	2,624.31	860.19	18.063.99
ener on Vertrage	les con and the most one	AS EVALUATED	0.010	4.00		13,000.00	313.43		14,515.45	1076	2,024.51	000.15	10,000.55
B.4 (1)	Construction Survey and Staking	AS SUBMITTED	0.016	0.52	km.	3,170.24	10,384.28	1,412.10	14,966.63	18%	2,693.99	883.03	18,543.65
-202		AS EVALUATED	0.010	0.52		0,170.24	10,004.20	1,712.10	14,000.00	1070	2,000.00		10,010.00
B.7	Occupational Safety and Health Program	AS SUBMITTED	0.287	1.00	L. S.	49,000.00	216,760.50		265,760.50	8%	21,260.84	14,351.07	301,372.41
		AS EVALUATED					2.0,000					111	(3.3.1.4.0.000.0.0
B.9	Mobilization & Demobilization	AS SUBMITTED	0.257	1.00	L, S.			238,301.28	238,301.28	0%		11,915.06	250,216.34
	TOTAL OF DART D	AS EVALUATED											
	TOTAL OF PART B	AS SUBMITTED	0.575			65,830.24	228,064.27	239,713.38	533,607.90		26,579.14	28,009.35	588,196.39
PART C	EARTHWORK												
104(2)a	Embankment from Borrow	AS EVALUATED			cu.m.								
104(2)a	Embankment nom Borrow	AS SUBMITTED	4.665	1,621.00	Gu.m.	1,026,295.63	5,584.79	150,153.23	1,182,033.65	18%	212,766.06	69,739.99	1,464,539.69
	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	4.665			1,026,295.63	5,584.79	150,153.23	1,182,033.65		212,766.06	69,739.99	1,464,539.69
PART D	SUBBASE AND BASE COURSE			HE INSTITUTE OF									
200(1)	Aggregate Subbas Course	AS EVALUATED			cu.m.								
200(1)	riggi ogute dubbud douide	AS SUBMITTED	2.997	722.00	Od.m.	689,979.30	2,487.49	66,878.86	759,345.65	18%	136,682.22	44,801.39	940,829.26
	TOTAL OF PART D	AS EVALUATED			,								
		AS SUBMITTED	2.997			689,979.30	2,487.49	66,878.86	759,345.65		136,682.22	44,801.39	940,829.26
PART J	FLOOD CONTROL AND DRAINAGE												
1702(1)	Structure Excavation	AS EVALUATED	1002000		cu.m.								
		AS SUBMITTED	2.231	2,460.00	Constitution (	-	26,742.66	538,638.43	565,381.09	18%	101,768.60	33,357.48	700,507.17
1704(1)a	Embankment	AS EVALUATED			cu.m.					100/		*******	2 222 222 72
2.50		AS SUBMITTED	22.246	7,730.00		4,894,056.25	26,631.98	716,029.90	5,636,718.13	18%	1,014,609.26	332,566.37	6,983,893.76
	TOTAL OF PART J	AS EVALUATED									4 440 077 00	005 000 05	7.004.400.00
PART F	BRIDGE CONSTRUCTION	AS SUBMITTED	24.477			4,894,056.25	53,374.64	1,254,668.33	6,202,099.21		1,116,377.86	365,923.85	7,684,400.92
	BRIDGE CONSTRUCTION	AS EVALUATED											
404(1)a	Reinforcing Steel, (Grade 40)	AS SUBMITTED	2.591	43,992.00	kg.	2,141,442.58	117,182.47	144,049.36	2,402,674.40	18%	432,481.39	141,757.79	2,976,913.59
		AS EVALUATED	2.591	45,992.00		2,141,442.58	117,102.47	144,049.36	2,402,014.40	1076	432,401.39	141,737.79	2,370,313.33
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS SUBMITTED	0.421	7,428.00	kg.	345,981.38	19,786.13	24,322.57	390,090.09	18%	70,216.22	23,015.32	483,321.62
		AS EVALUATED	0.421	1,420.00		343,301.30	13,700.13	24,322.31	030,030.03	1070	10,210.22	20,010.02	400,021.02
405(1)a3	Structural Concrete, Class"A"	AS SUBMITTED	13.504	1,794.00	cu.m.	10,026,652.65	1,746,130.63	751,406.89	12,524,190.17	18%	2,254,354.23	738,927.22	15,517,471.62
	V_sec_state _ parent to extraord a continued	AS EVALUATED	10.004	1,7 54.00		10,020,002.00	1,7 40,100.00	701,400.03	12,02 1,100.17	1070	2,201,001.20	100,021.22	10,017,11102
	TOTAL OF PART F	AS SUBMITTED	16.515			12,514,076.61	1,883,099.23	919,778.82	15,316,954.66		2,757,051.84	903,700.32	18,977,706.82

PARTG	DRAINAGE AND SLOPE PROTECTION STOUCTURES												
500/1\h2	Reinf. Conc. Culvert Pipe, 910mm dia.	AS EVALUATED											
500(1)b3	Rean. Conc. Curvent ripe, 9 tornal dia.	AS SUBMITTED	-	-		-	- 1	-	-	18%	-		•
508(1)	Handlaid Rock Embankment	AS EVALUATED				Ï							
J00(1)	Tranulaid Rock Embankinent	AS SUBMITTED	32.186	21,094.00	cu.m.	26,290,506.90	3,236,460.86	323,646.09	29,850,613.84	18%	5,373,110.49	1,761,186.22	36,984,910.55
	TOTAL OF PART G	AS EVALUATED											
		AS SUBMITTED	32.186			26,290,506.90	3,236,460.86	323,646.09	29,850,613.84		5,373,110.49	1,761,186.22	36,984,910.55
PARTI	MATERIALS DETAILS												
715(2)	Separation Geotextile	AS EVALUATED			ca.m	·		***************************************					
110(2)	Separation Geolekule	AS SUBMITTED	0.390	1,954.00	sq.m.	328,272.00	9,368.84	23,682.48	361,323.32	18%	65,038.20	21,318.08	447,679.60
	TOTAL OF PART I	AS EVALUATED											
	TOTAL OF PART	AS SUBMITTED	0.390			328,272.00	9,368.84	23,682.48	361,323.32		65,038.20	21,318.08	447,679.60
PART I-B	BANK AND SLOPE PROTECTION												
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS EVALUATED			In.m.								
17 10(0)	Structural oteci officer i lies, i ultifished (0.40wide)	AS SUBMITTED	27.320	7,848.00	IILIIL	24,862,464.00	47,330.59	428,447.53	25,338,242.12	18%	4,560,883.58	1,494,956.29	31,394,081.99
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED			ln.m.								
17 10(12)	Structural Steel Street Files, Driven	AS SUBMITTED	6.360	7,848.00	81.114	307,955.52	552,929.86	5,037,941.20	5,898,826.58	18%	1,061,788.78	348,030.77	7,308,646.13
1716(16)	Steel Sheet Test Piles, Furnished and Driven	AS EVALUATED		··	ln.m.								
17.10(10)	Steel Sheet Test Hes, I tanished and Driven	AS SUBMITTED	0.071	12.00	111.111.	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"	AS EVALUATED			cu. m.								
11 10(£)a	Grouted Hiprap, Glass A	AS SUBMITTED	6.449	1,954.00	ou. m.	4,734,016.91	749,507.50	497,837.78	5,981,362.18	18%	1,076,645.19	352,900.37	7,410,907.75
	TOTAL OF DART LR	AS EVALUATED											
	TOTAL OF PART I-B	AS SUBMITTED	40,201			29,960,025.05	1,350,824.78	5,973,855.59	37,284,705.42	[	6,711,246,98	2,199,797.62	46,195,750.02
		NO SUBMITTED	40.201				2,000,02 2	7,,			.,,		
	GRAND TOTAL	AS EVALUATED  AS SUBMITTED	115.307			76,650,338,59	7,090,997.29	9,003,549.75	92,744,885.64		16,501,028.37	5,462,295.70	114,708,209.71

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

ZAMBOANGA DEL NORTE

						ITEMIZ	ED BREAKDOW	/N			
		QTY				DIRECT (	COST	TOTAL U	NIT COST	N/ DIDECT COST	
ITEM NO.	DESCRIPTION			UNIT	TOT	TAL .	UNIT	COST	(DIRECT+	INDIRECT)	% DIRECT COST
		AS SUBMITTED	AS EVALUATED	S EVALUATED		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		0.513
A.1.1(11)	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		0.223
A. 1.2	Operation and Maintenance of Gov't Service Vehicle	1.00		L.S.	571,793.14		571,793.14		660,421.08		0.617
	TOTAL OF PART A				1,254,201.99						1.352
PART B	OTHER GENERAL REQUIREMENTS										
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	0.523		km.	14,966.63		28,616.88		35,456.31		0.016
B.7	Occupational Safety and Health Program	1.00		L. S.	265,760.50		265,760.50		329,277.26		0.287
B.9	Mobilization & Demobilization	1.00		L. S.	238,301.28		238,301.28		295,255.29		0.257
	TOTAL OF PART B				533,607.90						0.575
PART C	EARTHWORK			HIR							
104(2)a	Embankment from Borrow_	1,621.00		cu.m.	1,182,033.65		729.20		903.48		1,275
	TOTAL OF PART C				1,182,033.65						1.275
PART D	SUBBASE AND BASE COURSE		100								
200(1)	Aggregate Subbas Course	722.00		cu.m.	759,345.65		1,051.73		1,303.09		0.819
	TOTAL OF PART D				759,345.65					10	0.819

PARTJ	FLOOD CONTROL AND DRAINAGE						
1702(1)	Structure Excavation	2,460.00	cu.m.	565,381.09	229.83	284.76	0.61
1704(1)a	Embankment	7,730.00	cu.m.	5,636,718.13	 729.20	 903.48	 6.07
	TOTAL OF PART C			6,202,099.21			6.68
PART F	BRIDGE CONSTRUCTION						5,64
404(1)a	Reinforcing Steel, (Grade 40)	43,992.00	kg.	2,402,674.40	54.62	67.67	2.59
404(1)b	Reinforcing Steel Bar, (Grade 60)	7,428.00	kg.	390,090.09	52.52	65.07	0.42
405(1)a3	Structural Concrete, Class"A"	1,794.00	cu.m.	12,524,190.17	6,981.15	8,649.65	13.50
	TOTAL OF PART F			15,316,954.66			16.51
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES						
508(1)	Handlaid Rock Embankment	21,094.00	cu.m.	29,850,613.84	1,415.12	1,753.34	32.18
	TOTAL OF PART G			29,850,613.84			32.18
PART I	MATERIALS DETAILS						
15(2)	Separation Geotextile	1,954.00	sq.m.	361,323.32	184.91	229.11	0.390
				361,323.32	 		 0.390

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PART I-B	BANK AND SLOPE PROTECTION						
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	7,848.00	ln.m.	25,338,242.12	3,228.62	4,000.27	27.320
1716(12)	Structural Steel Sheet Piles, Driven	7,848.00	ln,m.	5,898,826.58	751.63	931.27	6.360
1716(16)	Steel Sheet Test Piles, Furnished and Driven	12.00	ln.m.	66,274.54	5,522.88	6,842.85	0.071
1710(2)a	Grouted Riprap, Class "A"	1,954.00	cu.m.	5,981,362.18	3,061.09	3,792.69	6.449
	TOTAL OF PART H			37,284,705.42			40.201
	GRAND TOTAL			92,744,885.64			100.000



ON/MAINTENANCE OF FLOOD MITIGATION JCTURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTE. N OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECTION , ZAMBOANGA DEL NOR ZAMBOANGA DEL NORTE

						DETAIL	ED BREAKDOW	N OF COMPONEN	T COST FOR EA	ACH ITE	М		
ITEM NO.	DESCRIPTION		%	QTY.	UNIT		DIRECT	COST		тот	AL MARK-UP	F0/ 1/4 T	TOTAL 000T
			70	QIT.	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART A	FACILITIES FOR THE ENGINEER				LBIE								
A.1.1(3)	Construction of Field Office for the Engineer (7.0m, X 9.0 m.)	AS EVALUATED			L.S.								
7 1. 1,07		AS SUBMITTED	0.513	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.1.1(11)	Provision of Fumitures/Fixtures, Equipment and Appliances for	AS EVALUATED			L. S.								
3.7	theField Office for the Engineers	AS SUBMITTED	0.223	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		1000	L.S.								
		AS SUBMITTED	0.617	1.00		359,390.50	212,402.64	-	571,793.14	0%		28,589.66	600,382.80
	TOTAL OF PART A	AS EVALUATED				81900000 00							4
DADTD	OTHER CENERAL RECHIREMENTS	AS SUBMITTED	1.352			881,296.62	321,732.39	51,172.98	1,254,201.99		102,175.59	67,818.88	1,424,196.46
PART B	OTHER GENERAL REQUIREMENTS												
B.5	Project Billboard/Signboard	AS EVALUATED			units		500.00		V 10 70 184 184	VX.9840			100 20 20 20
		AS SUBMITTED	0.016	4.00		13,660.00	919.49	240	14,579.49	18%	2,624.31	860.19	18,063.99
B.4 (1)	Construction Survey and Staking	AS EVALUATED	2010		km.								
		AS SUBMITTED AS EVALUATED	0.016	0.52		3,170.24	10,384.28	1,412.10	14,966.63	18%	2,693.99	883.03	18,543.65
B.7	Occupational Safety and Health Program	AS SUBMITTED	0.287	1.00	L. S.	49,000.00	246 760 50	0.00	005 700 50	00/	04 000 04	44.054.07	204 270 44
		AS EVALUATED	0.287	1.00		49,000.00	216,760.50	-	265,760.50	8%	21,260.84	14,351.07	301,372.41
B.9	Mobilization & Demobilization	AS SUBMITTED	0.257	1.00	L. S.	di di		238.301.28	238,301.28	0%	2	11,915.06	250,216.34
	AND	AS EVALUATED	0.237	1.00		-		230,301.20	230,301.28	076	-	11,915.00	230,210.34
	TOTAL OF PART B	AS SUBMITTED	0.575			65,830.24	228,064.27	239,713.38	533,607.90		26,579.14	28,009.35	588,196.39
PART C	EARTHWORK	710 0051111 125	0.070		W 1-3 Tarello	03,030.24	220,004.27	203,710.00	555,001.50		20,373.14	20,003.33	300,130.33
		AS EVALUATED											
104(2)a	Embankment from Borrow	AS SUBMITTED	4.665	1,621.00	cu.m.	1,026,295.63	5,584.79	150,153.23	1,182,033.65	18%	212,766.06	69,739.99	1,464,539.69
	TOTAL OF BART O	AS EVALUATED				,,,						341,4444	5.030
	TOTAL OF PART C	AS SUBMITTED	4.665			1,026,295.63	5,584.79	150,153.23	1,182,033.65		212,766.06	69,739.99	1,464,539.69
PART D	SUBBASE AND BASE COURSE			PATE TO T	E-191					91.5			s routine lend
200(1)	Aggregate Cubbee Course	AS EVALUATED			1991.33								
200(1)	Aggregate Subbas Course	AS SUBMITTED	2.997	722.00	cu.m.	689,979.30	2,487.49	66,878.86	759,345.65	18%	136,682.22	44,801.39	940,829.26
	TOTAL OF PART D	AS EVALUATED											
	TOTAL OF PART B	AS SUBMITTED	2.997			689,979.30	2,487.49	66,878.86	759,345.65		136,682.22	44,801.39	940,829.26
PART J	FLOOD CONTROL AND DRAINAGE												
1702(1)	Structure Excavation	AS EVALUATED			cu.m.								
1702(1)	Ottobale Excavation	AS SUBMITTED	2.231	2,460.00	Cu.m.	-	26,742.66	538,638.43	565,381.09	18%	101,768.60	33,357.48	700,507.17
1704(1)a	Embankment	AS EVALUATED			cu.m.								
1101(1)0		AS SUBMITTED	22.246	7,730.00	Gu.III.	4,894,056.25	26,631.98	716,029.90	5,636,718.13	18%	1,014,609.26	332,566.37	6,983,893.76
	TOTAL OF PART J	AS EVALUATED											
	2057/MANDTA SAD. #FD02/MBD 98	AS SUBMITTED	24,477			4,894,056.25	53,374.64	1,254,668.33	6,202,099.21		1,116,377.86	365,923.85	7,684,400.92
PART F	BRIDGE CONSTRUCTION												
404(1)a	Reinforcing Steel, (Grade 40)	AS EVALUATED			kg.								
11600	Z 25 35.	AS SUBMITTED	2.591	43,992.00		2,141,442.58	117,182.47	144,049.36	2,402,674.40	18%	432,481.39	141,757.79	2,976,913.59
404(1)b	Reinforcing Steel Bar, (Grade 60)	AS EVALUATED			kg.				92.000	91925-9			3.000
930%	25 95 N	AS SUBMITTED	0.421	7,428.00	*	345,981.38	19,786.13	24,322.57	390,090.09	18%	70,216.22	23,015.32	483,321.62
405(1)a3	Structural Concrete, Class"A"	AS EVALUATED	90-00-00	nessent see	cu.m.		\$0_0000 ATSERVA	200101000000000000000000000000000000000			1575 W.S. Persinan-Wil		
		AS SUBMITTED	13.504	1,794.00	>20000000	10,026,652.65	1,746,130.63	751,406.89	12,524,190.17	18%	2,254,354.23	738,927.22	15,517,471.62
	TOTAL OF PART F	AS EVALUATED										12 22 27 27 27 20	
	Probability on the Probability of Probability (Probability of Probability of Prob	AS SUBMITTED	16.515			12,514,076.61	1,883,099.23	919,778.82	15,316,954.66		2,757,051.84	903,700.32	18,977,706.82

PART G	DRAINAGE AND SLOPE PROTECTION STUCTURES				Swan								
500(1)b3	Reinf. Conc. Culvert Pipe, 910mm dia.	AS EVALUATED											
000(1)00	realist defict ope, 5 formit dia.	AS SUBMITTED	- [	-		-	-	-		18%			
508(1)	Handlaid Rock Embankment	AS EVALUATED									***************************************		
	Translate Took Embankinging	AS SUBMITTED	32.186	21,094.00	cu.m.	26,290,506.90	3,236,460.86	323,646.09	29,850,613.84	18%	5,373,110.49	1,761,186.22	36,984,910.55
	TOTAL OF PART G	AS EVALUATED											
	TOTAL OF TAKE O	AŞ SUBMITTED	32.186			26,290,506.90	3,236,460.86	323,646.09	29,850,613.84		5,373,110.49	1,761,186.22	36,984,910.55
PARTI	MATERIALS DETAILS												
715(2)	Separation Geotextile	AS EVALUATED					·						
, 10(2)	October Contexts	AS SUBMITTED	0.390	1,954.00	sq.m.	328,272.00	9,368.84	23,682.48	361,323.32	18%	65,038.20	21,318.08	447,679.60
	TOTAL OF PART I	AS EVALUATED											
		AS SUBMITTED	0.390			328,272.00	9,368.84	23,682.48	361,323.32		65,038.20	21,318.08	447,679.60
PART I-B	BANK AND SLOPE PROTECTION												
1716(6)	Structural Steel Sheet Piles, Furnished (0.40wide)	AS EVALUATED			In.m.								
	or address of other times, a striction (0.40 Mide)	AS SUBMITTED	27.320	7,848.00	BOH	24,862,464.00	47,330.59	428,447.53	25,338,242.12	18%	4,560,883.58	1,494,956.29	31,394,081.99
1716(12)	Structural Steel Sheet Piles, Driven	AS EVALUATED			in.m.								
17 10(12)	Ottobard Oteci Officer Files, 511ver	AS SUBMITTED	6.360	7,848.00	111,111,	307,955.52	552,929.86	5,037,941.20	5,898,826.58	18%	1,061,788.78	348,030.77	7,308,646.13
1716(16)	Steel Sheet Test Piles, Furnished and Driven	AS EVALUATED			in,m,								
11 10(10)	otos onest rest nes, ramanes and anven	AS SUBMITTED	0.071	12.00	111,111,	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"	AS EVALUATED			cu, m.								
., , , o(E)a	Orbitos rapido, Otaso A	AS SUBMITTED	6.449	1,954.00	ÇÇ, III.	4,734,016.91	749,507.50	497,837.78	5,981,362.18	18%	1,076,645.19	352,900.37	7,410,907.75
	TOTAL OF PART I-B	AS EVALUATED											
	TOTAL OF TAKE PO	AS SUBMITTED	40.201			29,960,025.05	1,350,824.78	5,973,855.59	37,284,705.42		6,711,246.98	2,199,797.62	46,195,750.02
	GRAND TOTAL	AS EVALUATED					_						
	OIGHD TOTAL	AS SUBMITTED	115.307			76,650,338.59	7,090,997.29	9,003,549.75	92,744,885.64		16,501,028.37	5,462,295.70	114,708,209.71

### LOOD MITIGATION STRUCTURES AND DRAINAGE SYSTEMS- CONSTRUCTION/EXTENSION OF FLOOD CONTROL STRUCTURE (REVETMENT) ALONG DAPITAN RIVER, TUTUA-POLO SECT ZAMBOANGA DEL NORTE

No	Equipment Description		Number of				Number o
NO.	18 El 20 Parago 1000 (198)	Capacity	Equipment	No.	Equipment Description	Capacity	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			
	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				47			
18				48			
19				49			<del></del>
20				50			-
21				51			_
22				52			
23				53			
24				54			
25	•			55			1
26				56			-
27				57			
28				58		_	-
29			+	59			_
30				60			_
12000	SUB-TOTAL		20	SUB-TO	TAL		-
				TOTAL	1 CIE		20

Item No. / Description A.1.1(3) Construction of Field Office for the Engineer (7.00 m. x 8.00 m.)

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

	27.00	20.00	pc.	15mm dia PVC pipe 15mm dia PVC Coupling
	VI EV	20.00	pc.	15mm dia. PVC pipe
		3 =	в	O'OCHINE FIRM
	69.33	20.00		a nommo THW
	3,000.00	1.00	ioli	3.50mm2 THW
	2 600 000	4.00	p6.	Two gang Switch
	132.00	3.00	2	Dobox Collection Conec
	170.00	3.00	8	Dunlay Convenience Outlet
	50.00	2.00	DC .	Porcelain Ceiling Outlet w/ female
	1,450.00	5.00	kg	7 y 4flw Flourescent Linhfing Fixtures
	280.00	5.00	Ğ	- 1
	37.00	450.00	bd.ft.	Rough lumber, Sun dried Tanguile
	230.00	2.00	pc.	Roof Sealant
	67.1	00.000	h.m.	Teckscrew 1-1/2*
	107.00	2,00	n.m.	Pre-painted flashing, GA 24
	180.00	200	ad.III.	PTG-painted mashing ringe non GRZ4X v.ouist.width
	189.00	10.00	en m	in re-painted Oil (world) one congress of the
	420.00	55.00	na l	Dro pointed C   Boofing Sht   John Span
	531.00	5.00	ģ	Primer, Zinc Cromate
The state of the s	135.00	25.00	kg.	Welding Rod
	00.00	00.00	PC.	20mm dia. X 350 mm Anchor Bolts
	20.00	10.00	ĸg.	16mm dia. Sag Rod
	50.00	15.00	- N	FORBIT RIS. Datter plate
	50.00	30.00	7	Come the Palice alate
	50.00	45.00	â	12mm th Base Piala
	230.00	30.00	Ą	16mm dia. Turn Buckle
,	50.00	65.00	kg.	16mm dia. Cross Bracing
	50.00	33.00	ć	Purlins, C-150mm x 50 x 3mm
	5000	36.00	4	rugie cara
	52.00	640.00	ka .	Anala Parc
	1,495.20	1.00	set	D-1, Hollow Core Flush Type swing door, complete w/ accessories
	41.00	150.00	ğ	Reinforcing Steel Bars, Grade 40
The state of the s	23.00	00,007	pc.	CHB6" thick
	00.00	700.00	Ny.	ASSOTTED CAN IMAILS
	58.00	20.50		A Laboratoria
	15.00	250.00	bd.ft	l umber
	68.00	35.00	Ş	Tie Wire
	43.00	800.00	kg.	Reinforcing Steel Bars, Grade 60
	300,00	23,00	cu.m.	Washed Sand
	00 030	00.00	Cuain.	Crusned Grave
	012.00	15.00	Day	Late of the state
-	287.88	320 ON	had	Double Company
-				Materials
a Millodett for any	01111 C-03t	quanty	OBIL	Name and Specification
Amount (9)	II-li Cont	>	:	
				Direct Halt Cost (C.2 + D.2) - As Evaluated
				Direct Unit Cost (C.1 + D.1) - As Submitted
				D.2 Output per hour - As Evaluated
		The state of the s		Output per nour - As Submitted
				Total (A, X + D, Z) - A's Evaluated
				Total (N. 4 D.1) - na occumence
				Total (A 4 ± B 4) - As Submitted
				Sub - Total for R 2 - As Evaluated
				and the state of t
				Falliament
				Sub - Total for B.1 - As Submitted
				Minor Tools (10% of Labor Cost)
				***************************************
	2,450.00	8.00	1	Water Truck/Pump
	172.00	120,00	1	One Bagger Mixer
				Equipment
/ III day and war	nouny nate	No. of moure	No. of Unius	Name and Capacity
Amount (Dh	Landy Data	NI at Daniela		
				Sub - Total for A.2 - As Evaluated
				Labor
				Sub - Total for A.1 - As Submitted
	45.16	120.00	8	Laborers
	58.61	120.00	8	Skilled Laborers
	80.95	120.00		Const. Foreman
				Labor
Amount (PhP)	Hourly Rate	No. of Hourfs	No. of Personis	Designation

The state of the s

6		N.		Kall	
	Checked/Reviewed by:	C		Prepared by:	P
	(G.2 + H.2 + I.2 + J.2)	(6)		K.2 Total Unit Cost - As Evaluated	
589,551.94	(G.1 + H.1 + I.1 + J.1)	(6		K.1 Total Unit Cost - As Submitted	
	5% of (G.2 + H.2 +I.2)	59		J.2 Value Added Tax (VAT) - As Evaluated	1
28,073.90	5% of (G.1 + H.1 +I.1)	59	0	J.1 Value Added Tax (VAT) - As Submitted	2
	10% / 8% of G.2			I.2 Contractor's Profit (CP) - As Evaluated	1000
38,066.31	10% / 8% of G.1			I.1 Contractor's Profit (CP) - As Submitted	3537
·	15% / 12%/ 10% / 8% of G.2	15%/12	aluated	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
47,582.88	15% / 12%/ 10% / 8% of G.1	15%/12	bmitted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
•				G.2 Direct Unit Cost (E.2 + F.2) - As Evaluated	
475,828.85				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	
				Sub - Total for F.2 - As Evaluated	
				F.2	70555
				Materials	
315,326.12				Sub · Total for F.1 · As Submitted	
•					
448.00	56.00	8.00	pc.	2" PVC Assorted Connector	
462.00	77.00	6.00	pc.	4" PVC Assorted Connector	
305.00	305.00	1.00	рс.	2" PVC Series 1000	
640.00	640.00	1.00	pc.	4" PVC Series 1000	
152.00	19.00	8.00	рс.	1/2" Assorted Connector	
330.00	165.00	2.00	рс.	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	pc.	Electrical Tape	
1,700.00	34.00	50.00	pc.	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	pc.	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	_

Item No. / Description

A.1.1(f1) 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 L.S. 1.00

		1 00	unit	
	600.00	2.00	unit .	USB (32 GB)
	10,000,00	1.00	unii:	
	8,000,00	100	P	
	60.000	100	ni	
	500.00	2.00	oz.	
-	150.00	6.00	CS.	Data File Folder
	130.00	2.00	ЮX	
	90.00	12.00	pcs.	d Colors)
	50.00	12,00	CS.	A CONTRACTOR OF THE PARTY OF TH
	120.00	6.00	loz.	The state of the s
	100.00	6.00	d02.	Assessment of the second of th
	150.00	0.00	Set	8,123
Tanah Tanah	130,00	0.00	aor.	
and the state of t	120.00	6.00	10.7	Expanded Fouelone John
***************************************	140.00	00.3	day	
	so os	\$200	bottles	ection Fluid Pen
	50.00	6.00	ottles	Glue
	200.00	3.00	box	THE PARTY OF THE P
	150.00	6.00	×	
	120.00	2.00	X	
	50.00	4.00	NA.	Francisk Books
	70.00	4 00	1	
	45.00	2.00	JOX	Paper Clips
	150.00	2.00	ЭÖX	encils
	250.00	3.00	N.	Account All Land Control of the Cont
	20.00	200.2	100	**************************************
	60.09	\$2.00	8	Batteries Energizer
	100.00	6,00	rolls	**************************************
	45.00	0.00	Ciro	
	15.00	9.00	All C	D
	50.00	600	nads	
	300.00	15.00	ream	Sond Paper(short)
	350.00	20.00	ream	and the same of th
	1,000.00	1000		
	1 000 00	12.00	each	Cartridge(Computer Printerfink)
	2,500.00	1.00	each	Computer Lable
	4,000.00	1.00	each	GG GG
	7,000,00	1.00	901	
	0,000,00	2.00	-	
The state of the s	50,000	3.00	8	
	2,000.00	1.00	doz.	Plates, Glass, Spoon & Fork
	3,000.00	1.00	set	
	500.00	2.00	set	
	500.00	12.00	pc.	
	5,000.00	1.00	OINE	iede
	2,000.00	1.00	COVII	Dining Table
	20000	1 20	agch	White Board, 3' x 6'
				A A A A A A A A A A A A A A A A A A A
				Materials
Amount (PhP)	Unit Cost	Quantity	Gnit	Name and Specincation
				Company Provide - AT-
				Direct Unit Cost (C.2 + D.2) - As Evaluated
				Direct Unit Cost (C.1 + D.1) - As Submitted
			and the same of th	Carput per nous - As Examinated
			***************************************	Custout nor hour - As Euclined
				Output per hour. As Submitted
-				Total (A.2 + B.2) - As Evaluated
				lotal (A.1 + B.1) - As Submitted
				Sub - Iotal for B.Z - As Evaluated
-				- Harbaritan
				Eastinment
				Sub - Total for B.1 - As Submitted
				The state of the s
				Edubuleur
Amount (PhP)	Hourly Rate	No. of Hourds	No. of Unit's	Name and Capacity
	The second secon			Care Color of Law and Labouring
				Sub . Total for A 3 - As Evaluated
				Committee Commit
				Labor
				Sub - Total for A.1 - As Submitted
				- Control of the Cont
				And the second s
				and the same of th
				Account of the second of the s
				Labor
Amount (PhP)	nouny Nate	110. 01 110 1170		
Amount	Mourte Rate	No. of Hourds	Na. of Personis	Designation

	(G.2 + H.2 + I.2 + J.2)	=		Total Unit Cost - As Evaluated	<b>K</b> 2
234,261.72	(G.1 + H.1 + I.1 + J.1)	(1)		Total Unit Cost - As Submitted	2
	5% of (G.2 + H.2 +I.2)	5		Value Added Tax (VAT) - As Evaluated	J.2
11,155.32	5% of (G.1 + H.1 +l.1)	59		Value Added Tax (VAT) - As Submitted	J.1
	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
16,526.40	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
	15% / 12%/ 10% / 8% of G.2	15%/1:	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
**	15% / 12%/ 10% / 8% of G.1	15%/1	itted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
274					G.2
206,580.00				Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
				Sub - Total for F.2 - As Evaluated	
					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	рс.	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	
,000,00	2,000.00	3.00	pc.	Electric Fall	

Prepared by:

Checked/Review

Item No. / Description 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

	(G.2 + H.2 + I.2 + J.2)				
660.421.08	(G.1+H.1+I.1+J.1)				
· ·	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	J.2
31,448.62	5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	J.1
•	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	1.2
	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	Ξ
¥.	15% / 12% / 10% / 8% of G.2	15%/	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
57,179.31	15% / 12% / 10% / 8% of G.1	15%/	tted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Ξ
*				Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
571,793.14				Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
				Sub - Total for F.2 - As Evaluated	
				Marennass	F.2
359,390.50				Sub - Total for F.1 - As Submitted	
46,206.00	46,206.00	1.00	l.s.	Spare Parts	
47,500.00	9,500.00	5.00	pcs.	Tires	
34,654.50	34,654.50	1.00	l.s.	Engine Oil & Lubricants	3
231,030.00	51.00	4,530.00	liters	Diesel Fuel	n 2
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
0.00				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
212,402.64				Direct Unit Cost (C.1 + D.1) - As Submitted	E.
1.00				D.2 Output per hour - As Evaluated	D.2
1.00				Output per hour - As Submitted	D.1
1.0				Total (A.2 + B.2) - As Evaluated	C.2
212,402.64				Total (A.1 + B.1) · As Submitted	C.1
				Sub - Total for B.2 - As Evaluated	į
				Edulution	B.2
				Equipment	T
				Sub - Total for B.1 - As Submitted	
•			_	Service Vehicle	B.1
				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	
212,402.64				Sub - Total for A.1 - As Submitted	
0.00					
212,402.64	58.61	3,624.00	-	Service Driver	
0.00				Lagor	>
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

CheckediReviewed by Lab

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

•	(6.2 + H.2 + I.2 + J.2)			.2   Total Unit Cost - As Evaluated	K.2
35,456.31	(G.1 + H.1 + I.1 + J.1)				2
	5% of (G.2 + H.2 +l.2)			_	J.2
1,688.40	5% of (G.1 + H.1 +l.1)				5.1
	10% / 8% of G.2			1	12
2,289.35	10% / 8% of G.1			1. 1	Ξ
	15% / 12% / 10% / 8% of G.2	15%/	ted	1000	H.2
2,861.69	15% / 12% / 10% / 8% of G.1	15%/	tted	.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	프
			8		G.2
28,616.88					6.1
				Sub - Total for F.2 - As Evaluated	i.
				Materials	T .
6,061.65				Sub - Total for F.1 - As Submitted	
288.65	288.65			miscellaneous(5% of Materials)	
4,600.00	40.00	115.00	pcs.	-23	
1,173.00	51.00	23.00	sheets	100 000	3
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				.2 Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
22,555.23					E1
1.00					D.2
1.00					<u>.</u>
					C.2
22,555.23				_	2
				Sub - Total for B.2 - As Evaluated	C
-				Equipment	D
2,700.00				Sub - Total for B.1 - As Submitted	
•					
2,700.00	100.00	27.00	-	in total claudit complete wi accessories	
00 002 6	100.00	27.00			D
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	
19,855.23				Sub - Total for A.1 - As Submitted	
0.00					
4,688.80	58.61	80.00	1	Skilled Laborers	
8.333.10	104.16	80.00	-	For Office Works: Geodelic Engineer	
£,700.7	70.10	11.00	,	EMPONOIS	
78.282,1	38.61	00.72	s -		<u> </u>
2,812.42	104.16	27.00	-	Geodetic Engineer	
0.00				For Fieldworks:	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
		2002	523		

Prepared by:

Checked/Reviewed by

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

	(0.2.11.2 1.2. 0.2.)			
	(G.2+H.2+I.2+J.2)			K2 Total Unit Cost - As Evaluated
4 516 00	(G1+H1+I1+I1)			K.1 Total Unit Cost - As Submitted
	5% of (C 2 + H 2 + I 2)			
215.05	5% of (G.1 + H.1 +l.1)			
•	10% / 8% of G.2			
291.59	10% / 8% of G.1			
	15% / 12%/ 10% / 8% of G.2	15%/	ited	H.2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
364.49	15% / 12%/ 10% / 8% of G.1	15%/	tted	H.1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
3,644.87				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted
				Sub - Total for F.2 - As Evaluated
				F.2
				Materiale
3.415.00				Sub - Total for F.1 - As Submitted
00:00	00.00	1,00	va.	ASSOLIED CAN INDIES
20.00	00.00	4 00	bair	EG.
2 100 00	42.00	50.00	hd ff	Assorted Sizes lumber
800.00	800.00	1 00	no 1:	
435.00	435.00	1.00	DC.	Marine Plywood (3/16" thk, 4' x 8")
				Materials
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification
				ET Direct Cliff Coat (Cit. Cit.) - No Legislation
-				
229.87				
1.00				
1.00				_
				_
229.87				C1 Total (A.1 + B.1) - As Submitted
				Sub - Total for B.2 - As Evaluated
				B.2
				Equipment
-				Sub - Total for B.1 - As Submitted
-				B.1
				Equipment
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit/s	Name and Capacity
				Sub - Total for A.2 - As Evaluated
				Disk is
				lahor
229.87				Sub - Total for A.1 - As Submitted
0.00				
90.31	45.16	1.00	2	Laborers
58.61	58.61	1.00	1	Skilled Laborers
80.95	80.95	1.00	1	Const. Foreman
0.00				
				Labor
Amount (FAF)	nourly Kate	No. of Hour/S	No. of Person/s	Designation
AND INC. COLUMN STATES		CONTROL IN SECURIOR		

CheckediReviewed by.

dERALD B. BARRERA

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 1.s.

... ... ... ...

)					
	(G.2+H.2+I.2+J.2)			Total Unit Cost - As Evaluated	<u>£</u> 2
329.277.26	(G.1+H.1+I.1+J.1)			Total Unit Cost - As Submitted	2
•	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	
15,679.87	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	12
21,260.84	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	=
	15% / 12%/ 10% / 8% of G.2	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
26,576.05	15% / 12%/ 10% / 8% of G.1	15%	tted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2 + F.2) - As Evaluated	6.2
265.760.50				Direct Unit Cost (E.1 + F.1) - As Submitted	3
				Sub - Total for F.2 - As Evaluated	į
_				Materials	F S
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.	Rain Coats (Reinforced, Hip)	
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	
				Direct Unit Cost (C.2 ÷ D.2) • As Evaluated	E.2
216,760.50				Direct Unit Cost (C.1 + D.1) - As Submitted	Ξ.
1.00				Output per hour - As Evaluated	D.2
1.00				Output per hour - As Submitted	D.1
•				Total (A.2 + B.2) - As Evaluated	C.2
216,760.50				Total (A.1 + B.1) - As Submitted	0.1
				Sub - Total for B.2 - As Evaluated	
				Equipment	B <sub>2</sub>
				Sub - Total for B.1 - As Submitted	
a					
					9
				Equipment	<u>n</u>
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
-				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
216,760.50				Sub - Total for A.1 - As Submitted	Γ
0.00					
0.00					
163,659.84	45.16	3,624.00	1	First Aider	2
53,100.66	58.61	906.00	_	Safety Practitioner	
				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of PersonIs	Designation	
		The second secon		- No. 1 - No.	

Prepared by:

Checked/Reviewed by

Item No. / Description Mobilization/Demobilization

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

23.43	(G.2+H.2+I.2+J.2)			Total Unit Cost - As Evaluated	K.2
295,255.29	(G.1+H.1+I.1+J.1)			Total Unit Cost - As Submitted	2
a?	5% of (G.2 + H.2 +l.2)			Value Added Tax (VAT) - As Evaluated	J.2
14,059.78	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted	J.1
	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%	ited	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
23,830.13	15% / 12%/ 10% / 8% of G.1	15%	tted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Н.1
				Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
238,301.28				Direct Unit Cost (E.1 + F.1) - As Submitted	6.1
				Sub - Total for F.2 - As Evaluated	
					F.2
				Materials	
				Sub - Total for F.1 - As Submitted	
4					
s 1.•					E
I.4					
1					
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
240				Direct Unit Cost (C.2 ÷ D.2) · As Evaluated	E.2
238,301.28				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
1.00				D.2 Output per hour · As Evaluated	D.2
1.00				D.1 Output per hour · As Submitted	D.1
•				Total (A.2 + B.2) - As Evaluated	C.2
238,301.28				Total (A.1 + B.1) - As Submitted	C.1
				Sub - Total for B.2 - As Evaluated	100
				1-1	B.2
				Equipment	
238,301.28				Sub - Total for B.1 - As Submitted	
238,301.28	4,255.38	28.00	2	Low Bed Trailer	B.1
				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	T
0.00				Sub - Total for A.1 - As Submitted	
0.00					
0.00					Α.
				Labor	
Amount (PnP)	Hourly Kate	NO. OF HOUR'S	No. of Person/s	Designation	
	-		,		

CheckediReviewed by:

JERALD B. BARRERA

Engineer II

DPWH RO9

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

1,621.00 cu.m. 50.00

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

900.40	(G.2 + H.2 + I.2 + J.2)			Total Unit Cost - As Evaluated	<u> </u>
000 40	161+H11+H11+H11			Total Unit Cost As Submitted	
43.02	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted	_
	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	
58.34	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	
100	15% / 12% / 10% / 8% of G.2	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Н.2
72.92	15% / 12% / 10% / 8% of G.1	15%	itted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
729.20				Direct Unit Cost (E.1 + F.1) - As Submitted	G.3
_				Sub - Total for F.2 - As Evaluated	
				Materials	F.2
633.13				Sub - Total for F.1 - As Submitted	
×. ×.					
•					
•					
ŧ					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	
				Direct Unit Cost (C.2 + D.2) - As Evaluated	E.2
96.08				Direct Unit Cost (C.1 + D.1) - As Submitted	
50.00				Output per hour - As Evaluated	
50.00				Output per hour - As Submitted	
4,803.76				Total (A.2 + B.2) - As Evaluated	3 5
100076				Sub - Total for B.2 - As Evaluated	2
					B.2
				Equipment	
4.631.50				Sub - Total for B.1 - As Submitted	
I.					
c					
00,210	2,450.00	0.20	-	Water Tiber	B.1
1,845.00	1,846.00	1.00		Water Truck	
2,173.00	2,173.00	1.00	_	Road Grader	
1					
				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	
172.26				Sub - Total for A.1 - As Submitted	
0.00					
0.00				5	
				Harris Co. Co. Co.	1
90.31	45.16	1.00	2 -	Laborers	<u> </u>
80.05	30.08	100	-	Excavation Work:	
				Labor	
Amount (PhP)	Hourly Kate	No. of Hour/s	No. of Person/s	Designation	
. TOLDY		T177711 TH		Total Control	

Prepared by: \ JOSEPHINE B. RENG Eilgineer II DPWH RO9

CheckediReviewed by:

JERALD R. BARRERA

Engineer II

DPWH RO9

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

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 722.00 cu.m. 50.00

•	(G.2+H.2+I.2+J.2)			-	K.2
1.303.09	(G.1 + H.1 + I.1 + J.1)				2 5
60.20	5% of (G 2 + H 2 + I 2)			12 Value Added Tax (VAT) - As Evaluated	_ <u>.</u>
62.05	5% of (G 1 + H 1 + I 1)			-	1.2
84.14	10% / 8% of G.2				3 5
	15%/12%/10%/8% of G.2	15%/	ited		H.2
105.17	15% / 12% / 10% / 8% of G.1	15%/	tted		Ξ
					G.2
1,051.73					G.1
				Sub - Total for F.2 - As Evaluated	į
				Materials	F <sub>2</sub>
955.65				Sub - Total for F.1 - As Submitted	
					9
				(W) 13% SHIIINAGE)	<u></u>
955.65	831.00	1.15	cu.m.	Aggregate Subbase Course	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	=
•					E.2
96.08					四
50.00				Output per hour - As Evaluated	ט פ
50.00					2 6
4,803./6				5.1   Total (A.1 + B.1) - As Submitted	3 5
4 000 10					2
				-	B.2
				Equipment	T
4,631.50				Sub - Total for B.1 - As Submitted	
•					
•					
•					
012:00	2,700,00	0.20		_	<u></u>
612.50	2 450 00	0.55		_	
1 846 00	1 846 00	1.00		Road Roller	
247200	2 472 00	3		Dood Codes	
				Equipment	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
-				1.2	A.2
				Labor	
172.26				Sub - Total for A.1 - As Submitted	
0.00					
90.31	45.16	1.00	2	1.1 Laborers	A.1
80.95	80.95	1.00	1	Const. Foreman	
				Lagor	
Walk conference or was accommon		PRODUCTION OF THE PRODUCTION O	Oversion and a software softwar		
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Item No. / Description 1702(1) Structure Excavation

2,460.00 cu.m. 20.00

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

	Veneza con con control				
284./6	(G2+H2+I2+ I2)			1 Total Unit Cost - As Submitted	5 5
	5% of (G.2 + H.2 +l.2)				<u>_</u>
13.56	5% of (G.1 + H.1 +l.1)			_	5
	10%/8% of G.2				12
18.39	10% / 8% of G.1				Ξ
	15% / 12%/ 10% / 8% of G.2	15%	ated		H.2
22.98	15% / 12% / 10% / 8% of G.1	15%	itted		Ξ
•					G.2
229.83					G.1
				Sub - Total for F.2 - As Evaluated	
				_	F.2
				Materials	T
•				Sub - Total for F.1 - As Submitted	
					=
					<u> </u>
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				2 Direct Unit Cost (C.2 + D.2) - As Evaluated	E.Z
229.83					四
20.00					D.2
20.00				1 Output per hour - As Submitted	D.1
÷				2 Total (A.2 + B.2) - As Evaluated	C.2
4,596.59				1 Total (A.1 + B.1) - As Submitted	0.1
				Sub - Total for B.2 - As Evaluated	
				_	B.2
				Equipment	
4,379.17				Sub - Total for B.1 - As Submitted	
₩ a					
100				Million Looist in 19 or rappi)	
1,937,000	1,537.00	1.00		_	
2,040.00	1,420.00	1.00	. 2		2
			>	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	
*******				One - lotal for Dil - De Capillimen	Ì
217.42				Sub - Total for A 1 - As Submitted	
135.47	45.16	1.00	ယ	Laborers	
80.95	80.95	1.00	1	Const. Foreman	A.1
_				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
-					

JERALD R. BARRERA Engineer II DPWH RO9

Item No. / Description 1704(1)a Embankment

7,730.00 cu.m. 50.00

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

(6.1 + H.1 + I.1 + J.1) (6.2 + H.2 + I.2 + J.2)
5% of (G.1 + H.1 +1.1)
5% of (G 1 + H 1 + I 1)
10% 18% 01 5.1
15% / 12% / 10% / 8% of G.2
15% / 12%/ 10% / 8% of G.1
1.25 506.50
Quantity Unit Cost
0.25 2,450.00
1.00 1,846.00
1.00 2,173.00
No. of Hourly Rate
1.00 45.16
No. of Hourls Hourly Rate

Prepared by:

CheckediReviewed by:

JERALD R. BARRER

Engineer II

DPWH R09

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

43,992.00 kg. 180.00

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

Prepared by:

CheckediReviewed by:

JEBALD B. BARRERD

Engineer II

DPWH R09

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

7,428.00 kg. 180.00

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

	( )				
65.07	(G2+H2+I2+ I2)			Total Unit Cost - As Submitted	
	5% of (G.2 + H.2 +l.2)			Value Added Tax (VAT) - As Evaluated	J.2
3.10	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted	
•	10% / 8% of G.2			Contractor's Profit (CP) - As Evaluated	
4.20	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	=
	15% / 12% / 10% / 8% of G.2	15%/	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	$\overline{}$
5.25	12%/ 10% / 8% of G.1	15%/	tted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	$\overline{}$
, JZ,UZ				Direct Unit Cost (E.2 + F.2) - As Evaluated	
53 53				Direct Unit Cost (E.1 + F.1) - As Submitted	<u> </u>
				Sub. Total for E 2 . As Evaluated	1.2
				Materials	_
46.58				Sub - Total for F.1 - As Submitted	
ac ::					
•					
•					
E					I
•				9	
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	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
5.94				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
180.00					
180.00					
1,055.87				Total (A.2 + B.2) - As Evaluated	3 5
				1	B.2
				Equipment	
589.40				Sub - Total for B.1 - As Submitted	
•					
*** 0					
45.0					
10.15	121.00	0.15		Calgo Truck	В.
351.50	351.50	1.00		Carao Truck	
219.75	219.75	1.00		Bar Cutter	
				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	
479.47				Sub - Total for A.1 - As Submitted	
301.23	45.10	1.00	c	ropolets	
22.711	58.61	1.00	0 2	Skilled Labolei	2
80.95	80.95	1.00	هـ ا	Const. Foreman	>
-				Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

Checked/Reviewed by:

UBRALD B. BARREW

Engineer II

DPWH RO9

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

1,794.00 cu.m. 1.40

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

15% / 12%/ 10% / 8% of G.1
1.200
1 250
1.00
0.50
0.70
0.40
17.50
Quantity
ı
1.00
0.10
1.00
0
No. of Hour/s
Ш
1.00
3
1.00
1.00
1.00
1.00
.6
No of Hourls

Prepared by

Checked/Reviewed by:

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

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 21,094.00 cu.m. 3.125

7.	(one : :				
1,/53.34	(6.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	5 5
	5% of (G.2 + H.2 +l.2)				
83.49	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Submitted	
	10% / 8% of G.2				
113.21	10% / 8% of G.1			Contractor's Profit (CP) - As Submitted	
ñ <b>•</b> 22	15% / 12%/ 10% / 8% of G.2	15%	ated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
141.51	15% / 12%/ 10% / 8% of G.1	15%	itted		
1,415.12					G.1
				Sub - Total for F.2 - As Evaluated	2
				Materials	F.2
1,246.35				Sub - Total for F.1 - As Submitted	
1,246.35	1,187.00	1.05	cu.m.	Boulders	7
·				The state of the s	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
	A Company of the Comp			Direct Unit Cost (C.2 ÷ D.2) • As Evaluated	E.2
168.77					
3.13					
3.13				_	
				_	
527 42				Total (A 1 + B 1) - As Submitted	2
				P. T. T. L. C. D. A. Francisco	8.2
				Equipment	3
47.95				Sub - Total for B.1 - As Submitted	
47.95				Minor Tools (10 % of Labor Cost)	Sec. 100
S.*E					- 22
•					
					B.1
•					
·					
				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	00
479.47				Sub - Total for A.1 - As Submitted	
V-wv					
0.00					
-					?
361.25	45.16	1.00	8	Laborers	2
117.22	58.61	1.00	2	Skilled Laborers	
80.95	80.95	1.00	-	Const. Foreman	
27 BASS	9				
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	

Prepared by-

Checked/Reviewed by:

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

715(2)

Separation Geotextile

Item No. / Description

Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 1,954.00 sq.m. 100.00

	(G.2 + H.2 + I.2 + J.2)			_	2
220 44	(G1+H1+I1+ I1)			Total Unit Cost - As Submitted	Z 2
18.01	5% of (G.1 + H.1 +1.1)				<u>-</u> ا
4004	10% 10% 01 G.Z			Value Added Tay (VAT) - As Submitted	:   F
14./9	10% / 8% of G 2			_	3 =
	15% / 12% 10% / 8% of G.2	15%	ated		17
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	
				Materials	F2
168.00				Sub - Total for F.1 - As Submitted	
168.00	160.00	1.05	sq.m.	Filter Cloth	2
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					E2
16.91					
100.00				_	2
400.00				Output per hour - As Submitted	2 5
1,691.47				_	3 5
					<b>B.2</b>
1,212.00				Sub - Total for B.1 - As Submitted Equipment	
S. C. C.					
89.0					
					B.1
				8	
1,212.00	1,212.00	1.00	_	Cargo Truck/Delivery truck	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					2
					2
0.00				ranvi	
479.47				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
361.25	45.16	1.00	8	Laborers	A.
117.22	58.61	1.00	2	Skilled Laborers	
80.95	80.95	1.00	_	Const. Foreman	
				Labor	
1 Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	

CheckediReviewed by:

JERALD B. BARREBA

Engineer II

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

7,848.00 In.m. 48.00

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

4,000.27					
	(G.1 + H.1 + I.1 + J.1)			Total Unit Cost - As Submitted	5 2
*******	5% of (G.2 + H.2 +I.2)			Value Added Tax (VAT) - As Evaluated	
190 49	5% of (G.1 + H.1 +I.1)			Value Added Tax (VAT) - As Submitted	
	7.5.10%070701			Compactor at Fort (or ) - Na Evaluation	
258.29	10%/0% 01 6.1			Contractor's Profit (CD) - As Evaluated	_
	7.010%10%10%01.0.2	19761	ieu	Contractor's Brofit (CB) As Submitted	1
322.86	15% / 12% 10% / 8% OF G.1	15%1	neu	Overhead, Contingencies & Miscellaneous (OCM) - As submitted	
	400/1400/100/-104	450/	104	Overhead Contingencies & Miscellaneous (OCM) - As Submit	
3,228.62				Direct Unit Cost (E.1 + F.1) - As Submitted	
				Sub - Total for F.2 - As Evaluated	
					F.2
ol rocco				Materials	=
3 168 00				Sub - Total for F.1 - As Submitted	S
					_
					_
					_
Y.					
					Ξ
r					
3,168.00	66.00	48.00	kg.	Steel Sheet Pile FY50	ωl
				Materials	1>
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
*				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2 L
60.62				Direct Unit Cost (C.1 + D.1) - As Submitted	_
48.00					_
48.00					
•				Total (A.2 + B.2) - As Evaluated	C.2 1
2,909.96				Total (A.1 + B.1) - As Submitted	_
				Sub - Total for B.2 - As Evaluated	
					B.2
2,520.47				Fallinment	
14.47				Sub - Total for R 1 - As Submitted	013
(4)					
•					
					8.
					!
2,606.00	2,606.00	1.00	_	Truckmounted Crane	
				1	
74				Equipment	1=1
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Unit/s	Name and Capacity	
				ony town to ture to Estimated	
				Sub - Total for A 2 - As Evaluated	
					Α.2
					;
				Labor	Ta
289.48				Sub - Total for A.1 - As Submitted	
					_
0.00					
0.00					
90.31	43.10	1.00	7		A.1
117.22	58.61	1.00	2 /	Skilled Edborers	
80.95	80.95	1.00	) <u> </u>	Const. Foreman	_
				Labor	
Amount (PhP)	nourly Kate	No. or mounts	NO. OF FEISOIDS	CoalBiencii	
		No. of the last	No of Possosia	Donignation	

Checked/Reviewed by:

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

Quantity
Unit of Measurement
Output per hour - As Submitted
Output per hour - As Evaluated 7,848.00 In.m. 10.00

3				700	Ī
001.23	(G.2 + H.2 + I.2 + J.2)			Total Unit Cost - As Evaluated	K.2
024.27	1G 1 + H 1 + I 1 + I 1)			Total Unit Cost - As Submitted	K 1
44.35	5% of (G.1 + H.1 +l.1)			Value Added Tay (VAT) As Submitted	
	10% / 8% of G.2				
60.13	10% / 8% of G.1				Ξ
•	15% / 12%/ 10% / 8% of G.2	15%/	ited	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
75.16	12%/ 10% / 8% of G.1	15%/	tted		Ξ ;
/51.63				Direct Unit Cost (F.2 + F.2) - As Evaluated	9 .
				Sub - Total for F.2 - As Evaluated	2
				marvisao	F2
39.24				Sub · Total for F.1 · As Submitted	
v.					
					2
36.00	3,750.00	0.0096	-	Oxygen/Acetylene	2
3.24	135.00	0.024	kg.	Welding Rod	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
					ŗ
712.39				Direct Unit Cost (C.2 ÷ D.2). As Evaluated	T .
742.20				_	0.2
10.00					2 :
					2 2
7,123.94					0.1
					B.2
6,419.40				Equipment	1
				Oct Tetalies D4 As October	
•					
22.73	45.45	0.50	_	Cutting Outfit	
371.00	371.00	1.00	_		
1,296.67	1,296.67	1.00	_	- 1	B.1
2.123.00	2.123.00	1.00		Vibro Hammer	
2 606 00	2 606 00	100	-	Truck Mounted Crane	
				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	
704.55				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
					2
270.94	45.16	1.00	6		2
351 66	58 61	1.00	6 -	Skilled Laborers	
0000	999	400		Labor	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
A CONTRACTOR OF THE PARTY OF TH	II	11f U/a	Na af Daranio	Dantonation	

Prepared by

Checked/Reviewed by:

JEMALD B. BARRERA

Engineer II

DPWH ROS

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

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

7					
0,012.00	(G.2 + H.2 + I.2 + J.2)				
6 842 85	(G.1+H.1+I.1+I.1)			Total Unit Cost - As Submitted	K 1
323,03	5% of (G 2 + H 2 + I 2)			12 Value Added Tax (VAT) - As Evaluated	3 :
225.05	10701070101.2			Value Added Tax (VAT) As Submitted	7 17
141.03	10% 18% of G 2			Contractor's Profit (CP) - As Evaluated	5 =
	10% / 12% 10% / 8% OF G.Z	19%61	tea		7.H
552.29	15% / 12%/ 10% / 8% of G.1	15%/	tted		E
				Direct Unit Cost (E.2 + F.2) - As Evaluated	G.2
5,522.88					6.1
				Sub - Total for F.2 - As Evaluated	1.2
				Materials	3
4,632.39				Sub - Total for F.1 - As Submitted	
• •					
36.00	3,750.00	0.0096	set	OxylAcetylene	
3.24	135.00	0.024	kg.	Welding Rod	
4,000.27	4,000.27	1.00	m.	Sheet Sheet Pile	
6.88	43.00	0.16	kg.		Ξ
144.00	36.00	4.00	bd.ft.	Good Lumber	
	500.00	3000	3	Conclos	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
1 890.49				_	<u>m</u>
8.00				Output per hour - As Evaluated	D.2
8.00					D.1
•					C.2
7.123.94				Total (A.1 + B.1) - As Submitted	C.1
				Sub - Total for B 2 - As Evaluated	B.2
				Equipment	
6,419.40				Sub - Total for B.1 - As Submitted	
22.73	45.45	0.50	_	Cutting Cutht	
371.00	371.00	1.00	_	Welding Machine	
1,296.67	1,296.67	1.00	_	Gen. Set	B.1
2,123.00	2,123.00	1.00	-	Vibro Hammer	
2,606.00	2,606.00	1.00	-	Truck Mounted Crane	
				Equipment	
Allouit (FilF)	nouny Nate	NO. OI HOURS	NO. OI OIIIUS	Maille allu Capacity	
Amount (Php)	Donale Data	No of Hours	No of Hairfa	Name and Canacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
				Labor	
704.55				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
270.94	45.16	1.00	6	Laborers	<u> </u>
351.66	58.61	1.00	6	Skilled Laborers	
80.95	80.95	1.00	_	Const. Foreman	
				lahor	
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Person/s	Designation	

Prepared by

Checked/Reviewed by:

JERAKO B. BÁRREKA Engineer II DPWH RO9

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

1,954.00 cu.m. 1.25

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

				•	
0,152,05	(G.2 + H.2 + I.2 + J.2)			Total Unit Cost - As Evaluated	_
2 702 60	0% OF (G.Z + H.Z +I.Z)			Total Unit Cost - As Suhmitted	Y 2.2
180.60	5% of (G.1 + H.1 +l.1)			Value Added Tax (VAT) - As Subilitied	_
100.00	10% 10% OF G.Z			Value Added Tay (VAT) - As Evaluated	
244.09	10% / 8% of G 2			Contractor's Profit (CP) - As Evaluated	
24.80	10% / 8% of G 1	10,01		Contractor's Profit (CP). As Submitted	
306.77	15% 142% 10% 16% 01 G.1	15%1	nea	Overhead Contingencies & Miscellancous (OCM) - As Submitted	5 2
		100		G.2   Direct Unit Cost (E.2 + F.2) - As Evaluated	
3,061.09				G.1 Direct Unit Cost (E.1 + F.1) - As Submitted	G.1
				Sub - Total for F.2 - As Evaluated	
				Magerials	T 3
2,422./3				Materials	
23.99				Misc.(1% of Materials Cost)	
<b>*</b> (0)					
1,246.35	1,187.00	1.05	cu.m.		
2.40	160.00	0.015	sq.m.	Filter Cloth	
31.90	106.33	0.30	₽.		
13.70	913.00	0.015	cu.m.		Z
240.75	963.00	0.250	cu.m.		
863.65	287.88	3.00	baq	Portland Cement	
				Materials	
Amount (PhP)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct chilt cost (c'T + D'T) - Wa Evaluated	E.2
638.35				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
1.25	57			Output per hour - As Evaluated	D.2
1.25				Output per hour - As Submitted	
(•))					
797.94				Total (A.1 + B.1) - As Submitted	6.1
				Sub - Total for B.2 - As Evaluated	
					B.2
				Equipment	1
318.47	-			Sub - Total for B.1 - As Submitted	
22.07				Minor Tools (5% of Labor Cost)	1000
					B.1
122.50	2,450.00	0.05	1	Water Truck/Pump	
172.00	172.00	1.00	1	One Bagger Mixer	
				Edulyment	
			100000000000000000000000000000000000000		
Amount (PhP)	Hourly Rate	No. of Hourls	No. of Unit's	Name and Capacity	
				Sub - Total for A.2 - As Evaluated	
					A.2
1					
				Labor	
479.47				Sub - Total for A.1 - As Submitted	
0.00					
0.00					
					2
361.25	45.16	1.00	8 1	Laborers	
117 22	58.61	1.00	2 -	Skilled Johorers	
90.08	00.05	100		Cont Econon	
Amount (PhP)	Hourly Rate	No. of Hour/s	No. of Personis	Designation	

Prepared by:

Checked/Reviewed by JERALD B. BARNERA
Engineer II
DPWH RO9

### UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

### Hauling Cost from the District Office to Site

ALL AGGREGATES Terrain Flat to Rolling

Item No.

Quantity 1,000.00 Unit cu.m.

Hauling Distance 5.00 km.

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 Maximum Volume to be Carried per DT 1,640.00 1,534.00 11.57 kg/m3 kg/m3 cu.m.

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

Speed when loaded 30.00 ξ

Speed when unloaded 40.00 Крh

Loaded running 5.00 30.00 8 0 10.00 mins.

Unloaded running 5.00 40.00 6 11 7.50 mins.

Loading and Unloading 5.00 mins.

Capacity of Dumptruck 22.50 10.00 cu.m.

No. of trips for Dumptruck Total Cycle time 8 × 60.00 mins. 21.33

Dumptruck daily output 5 22.50 × 21.33  $\Pi$ 213.33 cu.m. say 21.33 trips

per day

Using ( 4 ) Dumptrucks

П

4

×

213.33

11

853.33

cu.m.

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

### EQUIPMENT USED: (2009 ACEL RATES)

Unit Dumptruck

® ~ 11,360.00 /day

× 1.17 days •

Sub - Total

ס 70 53,250.00 53,250.00

Estimated Quantity		1,000.00 cu.m.
Unit Cost	סר	10.65 / cu. m./km. (Unit Cost, Hauling per cu.m.per km.
Grand Total	٦	53,250.00
Equipment	٦	53,250.00
Labor	₽	
Materials	٦	

	Z.A	MBO	ZAMBOANGA DEL NORTE 3RD DEO	ORTE	3RD DEO				
	Ave. Hauling Distance		Unit Cost per cu.m./km.		Hauling Cost per cu.m.	~	Unit Pirce		Unit Cost per cu.m.
Cost of Fine Aggregates:	20.00	×	10.65	II	213.00	+	750.00	11	963.00
Cost of Coarse Aggregates:	20.00	×	10.65	II	213,00	+	700.00	II	913.00
Cost of Item 200 Materials:	20.00	×	10.65	11	213.00	+	618.00	II	831.00
Cost of Item 201 Materials:	20.00	×	10.65	II	213.00	+	650.00	II	863.00
Cost of Item 300 Materials:	20.00	×	10.65	I#	213.00	+	775.00	11	988.00
Cost of Boulders:	20.00	×	10.65	n	213.00	. +	974.00	II	1,187.00
Cost of Embankmen, Common Borrow:	10.00	×	10.65	II	106.50	+	400.00	11	506.50
Cost of Embankmen, Selected Borrow:	20.00	×	10.65	II	213.00	+	500.00	II	713.00

### UNIT COST DERIVATION FOR PORTLAND CEMENT

### TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

78,330.00	TOTAL
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.

20,00	PROJECT SITE
30 00	Zamboanga del Norte 3RD DEO
HAULING DISTANCE	S   T E

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

20.00 ŔŖ.

Delivery Charge = P 0.120 20.00

II To 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

ξģ

Speed when loaded

30.00

Speed when unloaded

40.00 ŝ

Loaded running

20.00 × 8 П

30.00

40.00 mins.

Unloaded running 20.00 40.00 × 8 30.00 mins.

Loading and Unloading 45.00 mins.

Capacity of Dumptruck 8.00 cu.m.

500.00 bags

Total Cycle time 115.00 mins.

No. of trips for Dumptruck per day Dumptruck daily output 500 115.00 × × 60.00 4.17 2,086.96 cu.m. 4.17 say 4.17

**∄**.

Using ( 4 ) Dumptrucks П 4 x 2086.96 П 8,347.83 cu.m.

1. No. of days for Delivery Truck 78,330.00 8,347.83 say 9.38

days

'n No. of days for Labor, for unloading П complimentary to D. Truck days II... 9.38 days

### DELIVERY COST:

78,330.00 - Bags, Portland Cement @ P 2.40 /bag Sub - Total ا ت 70 187,992.00 187,992.00

LABOR:

5 - Laborers, unloading - Foreman @ P @ P 342.24 /day 611.92 /day × × Sub - Total 9.38 9.38 days days н <del>ا</del> اا 70 4 37,855.16 32,113.34 5,741.82

### MATERIALS:

78,330.00 - Bags, Portland Cement (Pick-Up Price) ® P 285.00 / bag Sub - Total li P T 22,324,050.00 22,324,050.00

**Delivery Cost** Estimated Quantity **Grand Total** Unit Cost P ₽ ₽ 22,549,897.16 187,992.00 78,330.00 Bags 287.88 / Bag, say 70 287.88 / Bag



### CERTUSO Structural|Specialists

363 tae Business Corner, Juan Luna St., Davao Cily, Philippines Fox: +6382-2210577, Phone: +6382-2275215 Email: <u>info@cerruso.com.ph</u> FORMAL QUOTATION

FILE NO.: 1 DPWHIX RO (RMS)

RD JORGE U. SEBASTIAN JR. Regional Director - DPWH Region 9 Office Terruan, Zambaonga City

00

DPWH Design and Planning Division DPWH Regian 9 Office Teluan, Lamboanga City

Subject : Steet Sheet File Quotation

Dear Sir Jage

ant pieased to offer you my best price below items, subject to our standard terms and conditions of sale, as follows:

5				•	
	Unit Price	Price per kg	Qly	Total Amount	REMARKS
400mm x 100mm x 10.5mm x 48 kg/m x 12meters SECTION MODULUS: 874 CM3/M	Php 38,016.00	Php-66.00	1030 pcs	Php 38,016,000.00	READILY
SALL OF SELECTION (IN LANCE)					
400mm x 125mm x 13mm x 60 kg/m x 12meters. SECTION MODULUS: 1340 CM3/M Steel Grade; SY 295	Php 47,520.00	Php 66.00	1000 pcs	Php 47,520,000,00	READILY
600mm x 355mm x 7mm x 53.4 kg/m x 12meters SECTION MODULUS: 947 CM3/M SIeel Grade: Q235 B	Php 48,060.00	Php 75.00	667 pcs	Php 32.056,020.00	READILY AVAILABLE
**************************************	Php 70.279.20	Php 75.00	667 pcs	Php 46,876,226,40	READILY AVAILABLE
SODIICI CRECC AND STEEL OF THE					

- STEEL GRADES AVAILABLE: SY 295 / Q235B / S 355
  MILL CERTIFICATE INCLUDED

TERMS AND CONDITIONS FOR SHEET PILE:
Price above is Delivered ZAMBOANGA CITY PORT
Proyment Terms — 50% DOWNPAYMENT 50% BALANCE BEFORE DELIVERY
Lead time is 14-21 days from date of confirmed order and SUBJECT TO AVAILABILITY OF VESSEL
All orders must be supported with a format Purchase Order
Offer is valid within 15 days from date above
All other terms and conditions to be mutually agreed prior to confirmation of order.

thank you and we took forward to receiving your valued order soon

YEAY TRULY YOURS

Hampipoor 3 Kg

JAY LANÇEKERWIN L. CINCO Sales Managér

,60 2.6557



### Davas Golden Hardware. Inc.

Goldcrest Building, Km. 3, MacArthur Highway, Matina, 8000 Davao City Phone: (+63 82) 298-5849/ 298-5850/ 296-6878 Fax: (+63 82) 297-7700 Email: davgol 1686yahoo.com

### SALES QUOTATION

March 20, 2018

RD JORGE U. SEBASTIAN JR. Regional Director - DPWH Region 9 Office Tetuan, Zamboanga City

DPWH Design and Planning Division DPWH Region 9 Office Tetuan, Zamboanga City

8

Subject : Steel Sheet Pile Quotation

Dear RD Jorge,

Please see our offer for steel sheet piles:

STEEL SHEET PILES  600mm x 310mm x 9.5mm x 68.1 kg/m x 12meters  SECTION MODULUS: 1240 CM3/M	SECTION MODULUS: 947 CM3/M	400mm x 125mm x 13mm x 60 kg/m x 12meters SECTION MODULUS: 1340 CM3/M	400mm x 100mm x 10.5mm x 48 kg/m x 12meters SECTION MODULUS: 874 CM3/M	Description
Php 70,280.20	Php 48,164.40	Php 47,860.00	Php 38,432.00	Unit Price

- TERMS AND CONDITION:

   Yet inclusive and Cash before delivery

   Delivered Zamboanga City Port

   Subject to change without prior notice

   Subject to availability

   Price validity 7 days

Thank you.

Yery truly yours,

RTUROJA. YUTTG, JR.