

Project

Project ID Location

Station Limits Source of Funds

REGION IX

PROGRAM OF WORK/BUDGET COST

						FORM POW-2015-	01-00
Net Length	;	(a) Brdg		121.20	ln.m	0.12	km
		(b) Road		358.00	ln.m	0.36	km
		(c) Others					
Target Start Date	:	5					
Total Project Duration	:	_	306	Caler	ndar Days		
No. of Pre-determined	:		68	Caler	ndar Days		
Unworkable Days	:		34	Caler	ndar Days		

DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	A	AS SUBMITTED	, and the second	AS EVALUATED
	QOARTITI	ONII	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
ART A: Facilities for the Engineers			1.07%	1,458,665.11		
B: Other General Requirements			1.14%	1,551,913.19		*
C: Earthworks			18.16%	24,813,004.43		
D: Subbase and Base Course			1.97%	2,686,297.73		
E: Surface Courses			2.80%	3,831,340.41		
F: Bridge Construction			57.00%	77,860,204.26		
G: Drainage and Slope Protection Structures			17.77%	24,277,714.17		
H: Miscellaneous Structure		-	0.09%	120,031.61		
I: Provisional Sum			0.00%			
J: Daywork			0.00%			

EQUIPMENT:

DESCRIPTION	REQUIRED
(PLS. SEE FORM POW-	2015-01B-00)

Zamboanga del Norte 1818+200.00 - 1818+679.20

CY-2019

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	7,966,144.46	
2. Materials	111,901,829.30	
3. Rental of Equipment	16,731,197.16	
4. Provisional Sum/Daywork	- 1	
5. OCM and Profit	24,186,126.20	
6. Value Added Tax	8,039,264.86	
7. EAO, 3.5%	5,908,859.67	
8. RROW Acquisition	130,533.03	
9. Physical Reseved (Contigency)	219,045.33	
10. TOTAL ESTIMATED COST	175,083,000.00	
	175,083,000.00	-

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	136,599,170.92	
B. OCM and Profit	24,186,126.20	
C. Value Added Tax	8,039,264.86	
D. Total Construction Cost	- 1	
E. Eng'g. & Administrative Overhead	5,908,859.67	
F. RROW Acquisition	130,533.03	
G. Physical Reserved (Contingency)	219,045.33	
H. TOTAL ESTIMATED COST	175,083,000.00	

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

Evaluation:

Reviewed by:

Approval:

Recommending Approval

Approved:

JERALD R. BARRERA

Engineer II DPWH ROS

Engineer IV

DPWH RO9

: Replacement of Permanent Weak Bridges - Dionum Bridge (BR01588MN) along Piñan - Mutia Road

SATURNINO C. TORREFRANCA district Engineer

DPWH RO9

KHADAFFYD TANGGOL

CAYAMOMBAO D.

DPWH ROS

Replacement of Permanent Weak Bridges - um Bridge (BR01588MN) along Piñan - Mutia Road Zamboanga del Norte

FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

		OUA	YTTY			DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	Q SA		UNIT	TOTA	AL	UNIT	COST	то	TAL	COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART A	Facilities for the Engineers										
A.1.1 (3)	Const. of Field Office for the Enigneer	1,00		ls	487,015.63		487,015.63		603,412.37		0.36%
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	1.00		ls	400,000.00		400,000.00		420,000.00		0.29%
A.1.2 (5)	Operation & Maintenance of Gov't. Service Vehicles	1.00		ls	571,649.48		571,649.48		600,231.95	·	0.42%
	TOTAL OF PART A				1,458,665.11						1.07%
PART B	Other General Requirements										
B.4(1)	Construction Survey and Staking	0.36		km	41,324.15		114,789.30		142,223.95		0.03%
B.5	Project Billboard	2.00		unit	4,875.66		2,437.83		3,020.47		0.00%
B.7	Occupational Safety & Health Program	1.00		İs	320,396.94		320,396.94		363,330.13		0.23%
B.8(2)	Traffic Management	1.00		ls	232,112.44		232,112.44		263,215.51		0.17%
B.9	Mobilization & Demobilization	1.00		İs	953,204.00		953,204.00		1,000,864.20		0.70%
	TOTAL OF PART B				1,551,913.19						1.14%
PART C	Earthworks										
101(3)b5	Removal of Actual Structures/Obstruction	804.00		sq.m	83,784.64	***************************************	104.21		129.12		0.06%
103(1)a	Structure Excavation, Common Soil	559.85		cu.m	129,187.12		230.75		285.90		0.09%
103(2)a	Bridge Excavation, Common Soil	308.85		cu.m	51,375.03		156.34		206.10		0.04%
103(2)b	Bridge Excavation, Soft Rock	1,097.41		cu.m	380,986.24		347.17		430.14		0.28%
104(2a)	Embankment from Borrow	37,307.00		cu.m	24,167,671.39		647.81		802.63		17.69%
	TOTAL OF PART C				24,813,004.43						18.16%
PART D	Subbase and Base Course										
200(1)	Aggregate Subbase Course	1,883.00		cu.m	2,686,297.73		1,426.61		1,767.56		1.97%
	TOTAL OF PART D				2,686,297.73						1.97%
PART E	Surface Courses										
311(1e1)	Portland Cement Concrete Pavement	2,318.20		sq.m	3,831,340.41		1,652.72	3	2,047.72		2.80%
	TOTAL OF PART E				3,831,340.41						2.80%
PART F	Bridge Construction										
400(4)a1	Precast Concrete Piles, Furnished	2,300.00		ln.m	10,276,235.50		4,467.93		5,535.76		7.52%
400(6)	Structural Steel Sheet Piles, Furnished	5,364.00		m	13,387,689.44		2,495.84		3,092.35		9.80%
400 (12)	Structural Steel Sheet Piles, Driven	4,986.00		m	5,665,087.40		1,136.20		1,407.75		4.15%
400(14)	Precast Concrete Piles, Driven	2,185.00		ln.m	4,100,610.17		1,876.71		2,325.24		3.00%
400(16)a	Test Piles, Furnished and Driven (400mm X 400mm)	100.00		ln.m	469,403.97		4,694.04		5,815.92		0.34%
401(2)a	Concrete Railing	240.60		ln/m	1,124,099.12		4,672.07		5,788.69		0.82%
402(1)	Timber Structure (Craneway)	18,00		span	1,454,608.72		80,811.60		100,125,57		1.06%

	GRAND TOTAL			136,599,170.92			100,00%
	TOTAL OF PART H			120,031.61			0.09%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	72.00	sq.m	4 9 ,788.78	691.51	856.78	0.04%
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	96.00	sq.m	70,242.83	731.70	906.57	0.05%
PART H	Miscellaneous Structure						
	TOTAL OF PART G			24,277,714.17			17.77%
508 (1)	Handlaid Rock Embankment	8,466.20	cu.m	14,639,495.06	1,729.17	2,142.44	10.72%
505(2)a	Grouted Riprap, Class "A"	2,881.08	cu.m	9,638,219.11	3,345.35	4,144.89	7.06%
PART G	Drainage and Slope Protection Structures						
	TOTAL OF PART F			77,860,204.26			57.00%
414(1)	Forms and Falsework	1.00	ls	1,334,596.89	1,334,596.89	1,653,565.55	0.98%
413(7)a1	Expansion Dam for Bridges (Steet)	3.00	set	1,327,312.16	442,437.39	548,179.92	0.97%
413(3)b	Premolded Expansion Joint Filler with Sealant	9.72	cu.m	4,958.31	510.11	632.03	0.00%
412(1)	Elastomeric Bearing Pads	32.00	each	170,392.68	5,324.77	6,597.39	0.12%
407(8)	Lean Concrete for RCBC	24.41	cu.m	163,170.18	6,684.56	8,282.17	0.12%
406(1)f8	Prestressed Structural Concrete Member, Type IV-B	16.00	each	13,290,283.79	830,642.74	1,029,166.35	9.73%
405(1)a3	Structural Concrete, fc'=27.58 Mpa	1,765.88	cu.m	12,864,735.70	7,285.17	9,026.33	9.42%
404(1)b	Reinforcing Steel (Grade 60)	186,413.56	kg	10,967,454.09	58.83	72.90	8.03%
404(1)a	Reinforcing Steel (Grade 40)	22,201.26		1,259,566.13	56.73	70.29	0.92%



Replacement of Permanent Weak Bridges num Bridge (BR01588MN) along Piñan - Mutia Road Zamboanga del Norte

FORM POW-2015-018-00

			MINIMUM EQUI	IPMENT REQUIF	REMENT		
No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	6	26			
2	Bullduzer		2	27			
3	Backhoe	0.83 cu,m/1.04 cu. Yd	2	28			
4	Road Grader		2	29			
5	Road Roller	10 mt	2	30			
6	Payloader	1.50 cu.m/1.95 cu.yd	2	31			
7	Water Truck/Pump	16000L	2	32			
8	Water Tank		2	33			
9	Transit Mixer	5-6 cu. Yd	2	34			
10	Portable Screed		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39	* * * * * * * * * * * * * * * * * * * *		
15	Cobcrete Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17	Truck Mounted Crane		1	42			
18	Diesel Hammer		1	43			
19	Drop Hammer		1	44			
20	Jack Hammer		1	45			
21	Air Compressor		1	46			
22	Cargo Truck		1	47			
23			· · · · · · · · · · · · · · · · · · ·	48			
24				49			
25				50			
	SUB-TOTAL			1	SUB-TOTAL		
		TOTA	AL				

XI NOE

Replacement of Permanent Weak Bridges - בייטחשה Bridge (BR01588MN) along Piñan - Mutia Road Zamboanga del Norte

FORM POW-2015-01C-00

					ITE	MIZED BREAKDO	wn						
								EAKDOWN OF C	OMPONENT CO	ST FOR EA	CH ITEM		
ITEM NO.	DESCRIPTION				<u> </u>		DIREC			T	AL MARK-UP		
			%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers			<u> </u>				-					
A 1 1 /2\	Court of Full Office for the Full	AS EVALUATED		· · · · · · · · · · · · · · · · · · ·									
V.1.1 (3)	Const. of Field Office for the Enigneer	AS SUBMITTED	0.36%	1.00	ls	400,000.00	56,283.30	30,732.33	487,015.63	18.00%	87,662.81	28,733.92	603,412.37
A 1 1 (11)	Day Of Comiting Favings to A - II - Favings	AS EVALUATED										. ,	
A.1.1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS SUBMITTED	0.29%	1.00	łs	400,000.00	-	-	400,000.00	0.00%	-	20,000.00	420,000.00
A 1 2 (E)	Operation & Maintenance of Gov't. Service Vehicles	AS EVALUATED											
A.1.2 (3)	Operation & Manuenance of GoV E Service Vehicles	AS SUBMITTED	0.42%	1.00	İş	476,000.00	95,649.48	-	571,649.48	0.00%	-	28,582.47	600,231.95
	TOTAL OF PART A	AS EVALUATED											
	TOTAL OF PART A	AS SUBMITTED	1.07%			1,276,000.00	151,932,78	30,732.33	1,458,665.11		87,662.81	77,316.40	1,623,644.32
PART B	Other General Requirements						· · · · · · · · · · · · · · · · · · ·		••••				
B.4(1)	Construction Survey and Staking	AS EVALUATED											***************************************
D. 7(1)	Construction Survey and Staking	AS SUBMITTED	0.03%	0.36	km	12,180.00	26,444.15	2,700.00	41,324.15	18.00%	7,438.35	2,438.12	51,200.62
B.5	Project Billboard	AS EVALUATED											
5.5	Froject Billipoeta	AS SUBMITTED	0.00%	2.00	unit	4,298.70	576.96	-	4,875.66	18.00%	877.62	287.66	6,040.95
B.7	Occupational Safety & Health Program	AS EVALUATED											
	occupation surely a reduct region	AS SUBMITTED	0.23%	1.00	छ	12,360.00	308,036.94		320,396.94	8.00%	25,631.76	17,301.43	363,330.13
B.8(2)	Traffic Management	AS EVALUATED						·					
5.5(2)	Transcription of the second of	AS SUBMITTED	0.17%	1.00	Ŀs	100,000.00	132,112.44	-	232,112.44	8.00%	18,569.00	12,534.07	263,215.51
B.9	Mobilization & Demobilization	AS EVALUATED											
		AS SUBMITTED	0.70%	1.00	ls	-	-	953,204.00	953,204.00	0,00%	-	47,660.20	1,000,864.20
	TOTAL OF PART B	AS EVALUATED											
		AS SUBMITTED	1.14%			128,838.70	467,170.49	955,904.00	1,551,913.19		52,516.72	80,221.50	1,684,651.40
PART C	Earthworks												
101(3)55	Removal of Actual Structures/Obstruction	AS EVALUATED											
		AS SUBMITTED	0.06%	804.00	sq.m	- 1	3,442.40	80,342.24	83,784.64	18.00%	15,081.24	4,943.29	103,809.17
103(1)a	Structure Excavation, Common Soil	AS EVALUATED											
	,	AS SUBMITTED	0.09%	559.85	cu.m	-	6,058.14	123,128.99	129,187.12	18.00%	23,253.68	7,622.04	160,062.85
103(2)a	Bridge Excavation, Common Soil	AS EVALUATED											
		AS SUBMITTED	0.04%	308.85	cu.m	-	3,549.81	47,825.23	51,375.03	18.00%	9,247.51	3,031.13	63,653.66
103(2)ь	Bridge Excavation, Soft Rock	AS EVALUATED											
<u> </u>		AS SUBMITTED	0.28%	1,097.41	cu.m	-	18,018.88	362,967.36	380,986.24	18.00%	68,577.52	22,478.19	472,041.95
104(2a)	Embankment from Borrow	AS EVALUATED											
		AS SUBMITTED	17.69%	37,307.00	cu.m	20,584,137.25	127,786.73	3,455,747.41	24,167,671.39	18.00%	4,350,180,85	1,425,892.61	29,943,744.86
1	TOTAL OF PART C	AS EVALUATED											
		AS SUBMITTED	18.16%			20,584,137.25	158,855.96	4,070,011.22	24,613,004.43		4,466,340.80	1,463,967.26	30,743,312.49
PART D	Subbase and Base Course				:	TO SERVICE A LABORATORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CONTRACTORY CO			n y y y y y y y y y y y y y y y y y y y				

		T		1		· · · · · · · · · · · · · · · · · · ·	Ţ	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
200(1)	Aggregate Subbase Course	AS EVALUATED	ļ			<u> </u>	1						
		AS SUBMITTED	1.97%	1,883.00	cu.m	2,505,425.65	6,449.79	174,422.29	2,686,297.73	18.00%	483,533.59	158,491.57	3,328,322.89
	TOTAL OF PART D	AS EVALUATED	ļ <u></u>	<u> </u>									
		AS SUBMITTED	1.97%	<u> </u>		2,505,425.65	6,4 49 .79	174,422.29	2,686,297.73		483,533.59	158,491.57	3,328,322.89
PARTE	Surface Courses												" ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED											
		AS SUBMITTED	2.80%	2,318.20	sq.m	3,311,389.14	34,561.79	485,389.48	3,831,340.41	18.00%	689,641.27	226,049.08	4,747,030.77
	TOTAL OF PART E	AS EVALUATED											· · · · · · · · · · · · · · · · · · ·
		AS SUBMITTED	2.80%			3,311,389.14	34,561.79	485,389.48	3,831,340.41		689,641.27	226,049.08	4,747,030.77
PART F	Bridge Construction												
400/4121	Precast Concrete Piles, Furnished	AS EVALUATED											
100(1)01	Troose Condition Fires, Furnished	AS SUBMITTED	7.52%	2,300.00	ln.m	8,777,508.46	819,085.99	679,541.05	10,276,235.50	18.00%	1,849,722.39	606,297.89	12,732,255.79
400(6)	Short of Short Start Start	AS EVALUATED											
700(6)	Structural Steel Sheet Piles, Furnished	AS SUBMITTED	9.80%	5,364.00	m	13,131,072.00	21,491,85	235,125.59	13,387,689.44	18.00%	2,409,784.10	789,873.68	16,587,347.21
402(2)	7-1-6-1-6	AS EVALUATED											
402(1)	Timber Structure (Craneway)	AS SUBMITTED	1.05%	18.00	span	1,356,435.00	12,663.74	85,509.97	1,454,608.72	18.00%	261,829.57	85,821.91	1,802,260.20
400 (40)		AS EVALUATED					,					,	-,,
400 (12)	Structural Steel Sheet Piles, Driven	AS SUBMITTED	4.15%	4,986.00	m	839,092.94	350,785.67	4,475,208.79	5,665,087.40	18.00%	1,019,715.73	334,240.16	7,019,043.29
		AS EVALUATED									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
400(14)	Precast Concrete Piles, Driven	AS SUBMITTED	3.00%	2,185.00	ln.m	2,548,295.58	346,863.88	1,205,450.71	4,100,610.17	18.00%	738,109.83	241,936.00	5,080,656.00
		AS EVALUATED							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2.0,200.00	37337333
400(15)a	Test Piles, Furnished and Driven (400mm X 400mm)	AS SUBMITTED	0.34%	100.00	ln.m	307,940.00	36,079.04	125,384.93	469,403.97	18.00%	84,492.71	27,694.83	581,591.52
		AS EVALUATED									- 4,020	,	302,002.32
401(2)a	Concrete Railing	AS SUBMITTED	0.82%	240.60	ln.m	901,244.77	184,998.50	37,855.85	1,124,099.12	18.00%	202,337.84	66,321.85	1,392,758.81
		AS EVALUATED					, , , , , , , , , , , , , , , , , , , ,					00,002.00	2,002,700,02
404(1)a	Reinforcing Steel (Grade 40)	AS SUBMITTED	0.92%	22,201.25	kg	1,132,930.30	68,998.90	57,636. 94	1,259,566.13	18.00%	226,721.90	74,314.40	1,560,602.44
		AS EVALUATED				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2,255,555.25	10.00 /0	220,721.30	7 1,02 1. 10	1,500,002.77
404(1)5	Reinforcing Steel (Grade 60)	AS SUBMITTED	8.03%	186,413.56	kg	9,904,152.44	579,351.34	483,950.31	10,967,454.09	18.00%	1,974,141.74	647,079.79	13,588,675.62
		AS EVALUATED				3,20 1,400		100,000,001	22,721,712,102	10.00 %	1,57 4,2 12.7 4	017,073.73	13,100,013.02
405(1)a3	Structural Concrete, fc'=27.58 Mpa	AS SUBMITTED	9.42%	1,765.88	cu.m	10,592,189.53	1,553,779.68	718,766:49	12,864,735.70	18.00%	2,315,652.43	759,019.41	15,939,407.53
		AS EVALUATED	0,12,10	2,7 02100		20,020,203,03	1,550,775.00	710,700.15	12,001,755.70	10.0070	2,313,032.43	735,015.41	13,339,707,33
406(1)/8	Prestressed Structural Concrete Member, Type IV-B	AS SUBMITTED	9.73%	16.00	each	12,950,000.00	17,661.63	312,622.16	13,290,283.79	18.00%	2,392,251.08	784,126.74	16,466,661.62
		AS EVALUATED			-	,,	2,,001.00	312,022.10	,	10.00 70	2,392,232.00	701,120.74	10,700,001.02
407(8)	Lean Concrete for RCBC	AS SUBMITTED	0.12%	24.41	CIT,IM	141,920.96	11,797.64	9,451.58	163,170.18	18.00%	29,370.63	0.637.04	202.462.05
		AS EVALUATED	0.122.70	21.11	(22,11)	141,520.50	11,757.07	5,131.36	103,170.18	10.0076	29,370.03	9,627.04	202,167.85
412(1)	Elastomeric Bearing Pads	AS SUBMITTED	0.12%	32.00	each	161,600.00	792.68	8,000.00	170 203 69	10.000	20 570 60	10.052.17	244 445 72
		AS EVALUATED	V.12.70	52.00	CDCII	101,000,00	792.08	8,000.00	170,392.68	18.00%	30,670.68	10,053.17	211,116.52
413(3)b	Premoided Expansion Joint Filler with Sealant	AS SUBMITTED	0.00%	9.72		4,860.00	89.37	9.04	4.050.24	10.000	202.50	202 54	
		AS EVALUATED	0.00%	3.74	CU.M	4,600.00	89.37	8.94	4,958.31	18.00%	892.50	292.54	6,143.35
413(7)31	Expansion Dam for Bridges (Steel)	AS SUBMITTED	0.97%	3.00		200 125 52	211 052 20	200 074 22	1 227 242 46	40.000/	200 045 40	70.04	
		AS EVALUATED	0.9/70	3.00	set:	208,175.57	211,062.38	908,074.22	1,327,312.16	18.00%	238,916.19	78,311.42	1,644,539.77
414(1)	Forms and Falsework		0.000/		1.			**********					
		AS SUBMITTED	0.98%	1.00	ls	210,000.00	392,982.30	731,614.59	1,334,596.89	18.00%	240,227.44	78,741.22	1,653,565.55
	TOTAL OF PART F	AS EVALUATED											
		AS SUBMITTED	57.00%			63,177,517.56	4,608,484.57	10,074,202.13	77,860,204,26		14,014,836.77	4,593,752.05	96,468,793.07
PARTG	Drainage and Slope Protection Structures												

505(2)a	Grouted Riprap, Class "A"	AS EVALUATED										<u> </u>	
303(2)4	Groates reprep, class A	AS SUBMITTED	7.06%	2,881.08	cu.m	,,643,734.00	1,196,093.33	798,391.78	9,638,219.11	18.00%	1,734,879.44	568,654.93	11,941,753.48
508 (1)	Handlaid Rock Embankment	AS EVALUATED											
	Translation (NOS Eliphina) icit	AS SUBMITTED	10.72%	8,466.20	cn'w	13,165,364.31	1,340,118.86	134,011.89	14,639,495,06	18.00%	2,635,109.11	863,730.21	18,138,334.38
	TOTAL OF PART G	AS EVALUATED											
	TOTAL OF TAKE OF	AS SUBMITTED	17.77%			20,809,098.31	2,536,212.19	932,403.67	24,277,714.17		4,369,988.55	1,432,385.14	30,080,087.86
PART H	Miscellaneous Structure												
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED						-					
·······	Venerousen Hermboare Laverses Legitude (AAIBes)	AS SUBMITTED	0.05%	96.00	sq.m	62,527.25	1,801.37	5,914.22	70,242.83	18.00%	12,643,71	4,144_33	87,030.87
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED											
OIZ(Z)	(Tellow)	AS SUBMITTED	0.04%	72.00	sq.m	46,895.44	675.51	2,217.83	49,788.78	18.00%	8,961.98	2,937.54	61,688.30
	TOTAL OF PART H	as evaluated											
	TOTAL OF PART I	AS SUBMITTED	0.09%			109,422.68	2,476.88	8,132.05	120,031.61		21,605.69	7,081.87	148,719.17
	CDAND TYTAL	AS EVALUATED			• • • • • • • • • • • • • • • • • • • •								
	GRAND TOTAL	AS SUBMITTED	100.00%			111,901,829.30	7,966,144.46	16,731,197.16	136,599,170.92	1	24,186,126.20	8,039,264.86	168,824,561.97



GION IX

Replacement of Permanent Weak Bridges - Dionum Bridge (BR01588MN) along Piñan - Mutia Road

Zamboanga del Norte

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF WORKS TO BE			Т	OTAL MARK-UP			
	DESCRIPTION OF WORKS TO BE D	ONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST
PART A	Facilities for the Engineers	AS EVALUATED						
FARIA	racinues for the Engineers	AS SUBMITTED	1,458,665.11		87,662.81	77,316.40	164,979.21	1,623,644.32
PART B	Other General Requirements	AS EVALUATED						
TAKE	Out deleta requirements	AS SUBMITTED	1,551,913.19		52,516.72	80,221.50	132,738.21	1,684,651.40
PART C	Earthworks	AS EVALUATED						
TARTE	Laidiworks	AS SUBMITTED	24,813,004.43		4,466,340.80	1,463,967.26	5,930,308.06	30,743,312.49
PART D	Subbase and Base Course	AS EVALUATED						
I AKI D	Subbase and base course	AS SUBMITTED	2,686,297.73		483,533.59	158,491.57	642,025.16	3,328,322.89
PART E	Surface Courses	AS EVALUATED						
PARIL	Juliace Courses	AS SUBMITTED	3,831,340.41		689,641.27	226,049.08	915,690.36	4,747,030.77
PART F	Bridge Construction	AS EVALUATED						
PARTI	bridge Corist dedoi!	AS SUBMITTED	77,860,204.26		14,014,836.77	4,593,752.05	18,608,588.82	96,468,793.07
PART G	Drainage and Slope Protection Structures	AS EVALUATED						
FAKI G	Dramage and Stope Protection Structures	AS SUBMITTED	24,277,714.17		4,369,988.55	1,432,385.14	5,802,373.69	30,080,087.86
PART H	Miscellaneous Structure	AS EVALUATED						
PARI II	Priscelarieous 31 ucture	AS SUBMITTED	120,031.61		21,605.69	7,081.87	28,687.56	148,719.17
PART I	Provisional Sum	AS EVALUATED						
PARIT	Provisional Sum	AS SUBMITTED	-		-	•	=	§ ·
PART J	Daywork	AS EVALUATED						
rANI J	Daywork	AS SUBMITTED	-		-	-	-	<u>~</u>
	TOTAL	AS EVALUATED						
	IVIAL	AS SUBMITTED	129,961,501.16		22,991,345.64	7,647,642.34	30,638,987.98	160,600,489.15

Preparation and Submission:

Prepared by:

Checked/Submiletd by:

Evaluation: Reviewed by:

Recommending Approral

Approval:

Approved:

JERALD R. BARRERA

Engineer II DPWH RO9 Engineer IV DPWH RO9

ISIDRA A. ESTANISLAO

SATURNINO C. TORREFRANCA
District Engineer

DPWH RO9

KHADAFFY R. THINGGOL

OIC-Assistant Regional Director

DPWH RO9

CAYAMOMBAO D. DE

Regional Director
DPWH RO9



XI NOIE

FORM POW-2015-02A-00

ITEM NO.	DESCRIPTION		YTG	UNIT	ESTIMATED DIRECT COST	7	otal mark-up	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
<u> </u>						%	VALUE	1			
PART A	Facilities for the Engineers	ACCEPTANT		10/48/94		400 S C S	5 8 6 Y 5 8 8 8 8 7 8 8 8 7 9 8	160000000000000000000000000000000000000	เลียร์เรียงทุ่งจัดระหล่าง	vijetsoja trasto i Aletanio A	propied Michigan
6.1.1.(2)	C	AS EVALUATED									
W.T.T (2)	Const. of Field Office for the Enigneer	AS SUBMITTED	1.00	ls	487,015.63	18.00%	87,662.81	28,733.92	116,396.74	603,412.37	603,412.37
A 1 1 (11)		AS EVALUATED									,
M-1-1 (11)	Prov. Of Furniture, Equipment, & Appliance for Field Engineer	AS SUBMITTED	1.00	ls	400,000.00	0.00%	-	20,000.00	20,000.00	420,000.00	420,000.00
617(5)		AS EVALUATED									
W.T.C (2)	Operation & Maintenance of Gov't. Service Vehicles	AS SUBMITTED	1.00	ks	571,649.48	0.00%	-	28,582.47	28,582.47	600,231.95	600,231.95
		AS EVALUATED			· · · · · · · · · · · · · · · · · · ·						
	TOTAL OF PART A	AS SUBMITTED			1,458,665.11		87,662.81	77,316.40	164,979.21	1,623,644.32	
PARTB	Other General Requirements	10 EV (13 E S) (1	1790611091691	es cesada e	Telej kanap vanag apakka wata	\$100 garda		soniaero letveleta	anta komuniki etaktibis		- Belain roog woe wifeligt
2 4623		AS EVALUATED									
B.4(1)	Construction Survey and Staking	AS SUBMITTED	0.36	km	41,324.15	18.00%	7,438.35	2,438.12	9,876.47	51,200.62	142,223.95
		AS EVALUATED									
B.5	Project Sillboard	AS SUBMITTED	2.00	unit	4,875.66	18.00%	877.62	287.66	1,165.28	6,040.95	3,020.47
0.7		AS EVALUATED			-						
B.7	Occupational Safety & Health Program	AS SUBMITTED	1.00	ls	320,396.94	8.00%	25,631.76	17,301.43	42,933.19	363,330.13	363,330.13
2.0/5		AS EVALUATED		-							
8.8(2)	Traffic Management	AS SUBMITTED	1.00	ls	232,112.44	8.00%	18,569.00	12,534.07	31,103.07	263,215.51	263,215.51
		AS EVALUATED									
8.9	Mobilization & Demobilization	AS SUBMITTED	1.00	ls	953,204.00	0.00%	-	47,660.20	47,660.20	1,000,864,20	1,000,864.20
		AS EVALUATED			-						
4800	TOTAL OF PART B	AS SUBMITTED			1,551,913.19		52,516.72	80,221.50	132,738.21	1,684,651.40	
PART C	Earthworks	16046545/46/46/4		/\$42/64 <u>}</u> 23			TO SEED AND A SERVICE		160000000000000000000000000000000000000		71 <i>376</i> x 4.4 3 3 3 3 5
*****		AS EVALUATED									
101(2)02	Removal of Actual Structures/Obstruction	AS SUBMITTED	804.00	sq.m	83,784.64	18.00%	15,081.24	4,943.29	20,024.53	103,809.17	129.12
4424		AS EVALUATED									
103(1)a	Structure Excavation, Common Soil	AS SUBMITTED	559.85	cnw	129,187.12	18.00%	23,253.68	7,622.04	30,875.72	160,062.85	285.90
****		AS EVALUATED									
103(2)a	Bridge Excavation, Common Soil	AS SUBMITTED	308,85	critus	51,375.03	18.00%	9,247.51	3,031.13	12,278.63	63,653.66	206.10
10707		AS EVALUATED									
103(2)b	Bridge Excavation, Soft Rock	AS SUBMITTED	1,097.41	CIJTI	380,986.24	18.00%	68,577.52	22,478.19	91,055.71	472,041.95	430.14
1040->		AS EVALUATED									
104(2a)	Embankment from Borrow	AS SUBMITTED	37,307.00	cu.m	24,167,671.39	18.00%	4,350,180.85	1,425,892.61	5,776,073.46	29,943,744.86	802.63
		AS EVALUATED			-						
	TOTAL OF PART C	AS SUBMITTED			24,813,004.43		4,465,340.80	1,463,967.26	5,930,308.06	30,743,312.49	
PART D	Subbase and Base Course								电影及的基础电影影响		Harry Charles
20244		AS EVALUATED			<u></u>		·				· · · · · · · · · · · · · · · · · · ·
200(1)	Aggregate Subbase Course	AS SUBMITTED	1,883.00	cu.m	2,686,297.73	18.00%	483,533.59	158,491,57	642,025.16	3,328,322.89	1,767.56

		AS EVALUATED				Ţ					
	TOTAL OF PART D	AS SUBMITTED			-85,297.73	-	483,533.59	158,491.57	642,025.16	3,328,322.89	
PARTE	Surface Courses	200002000		45,636,475	1800 N 1018 Pro 1811 Brown	The artists	1/2014 (4224 Culture):	da (2000)	48484744444444444444444444444444444444		
311(1e1)	Portland Cement Concrete Pavement	AS EVALUATED									34
341(161)	Lorgan Cauch Colifice L946High	AS SUBMITTED	2,318.20	m.pe	3,831,340.41	18.00%	689,641.27	226,049.08	915,690,36	4,747,030.77	2,047.72
		AS EVALUATED		· · · · ·		 		•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	TOTAL OF PART E	AS SUBMITTED			3,831,340.41		689,641.27	226,049.08	915,690.36	4,747,030.77	
PART F	Bridge Construction					17744		Read Side	\$4699446500.00		
400(4)-1	December Community Dilay Francish ad	AS EVALUATED								And the state of t	
400(4)a1	Precast Concrete Piles, Furnished	AS SUBMITTED	2,300.00	lu-w	10,276,235.50	18.00%	1,849,722.39	606,297.89	2,456,020.28	12,732,255.79	5,535.76
400/6\	Characteristics of Characteristics	AS EVALUATED									
400(6)	Structural Steel Sheet Piles, Furnished	AS SUBMITTED	5,364.00	m	13,387,689.44	18.00%	2,409,784.10	789,873.68	3,199,657.78	16,587,347.21	3,092.35
402(1)	T-1-0-1-10-13	AS EVALUATED									
402(1)	Timber Structure (Craneway)	AS SUBMITTED	18.00	span	1,454,608.72	18.00%	261,829.57	8 S ,821.91	347,651.48	1,802,260.20	100,125.57
400 (10)	Characteristics of the second second	AS EVALUATED									· · ·
400 (12)	Structural Steel Sheet Piles, Driven	AS SUBMITTED	4,986.00	m	5,665,087.40	18.00%	1,019,715.73	334,240.16	1,353,955.89	7,019,043.29	1,407.75
400(14)		AS EVALUATED									
400(14)	Precast Concrete Piles, Driven	AS SUBMITTED	2,185.00	muni	4,100,610.17	18.00%	738,109.83	241,936.00	980,045.83	5,080,656.00	2,325.24
#00/15)-	T> D7 F	AS EVALUATED				1					
400(16)8	Test Piles, Furnished and Driven (400mm X 400mm)	AS SUBMITTED	100.00	ln_m	469,403.97	18.00%	84,492.71	27,694.83	112,187.55	581,591.52	5,815.92
404(0)-	C	AS EVALUATED	_	-	-						
401(5)a	Concrete Railing	AS SUBMITTED	240.60	h.m	1,124,099.12	18.00%	202,337.84	66,321.85	268,659.69	1,392,758.81	5,788.69
40.4/1)-	District Control	AS EVALUATED								· · · · · · · · · · · · · · · · · ·	
404(1)a	Reinforcing Steel (Grade 40)	AS SUBMITTED	22,201.26	kg	1,259,566.13	18.00%	226,721.90	74,314.40	301,036.31	1,560,602.44	70.2 9
404(4)6	D. E	AS EVALUATED									
404(1)b	Reinforcing Steel (Grade 60)	AS SUBMITTED	186,413.56	kg	10,967,454.09	18.00%	1,974,141.74	647,079.79	2,621,221.53	13,588,675.62	72.90
405(4)=2		AS EVALUATED									
402(1)93	Structural Concrete, fc'=27.58 Mpa	AS SUBMITTED	1,765.88	cnru	12,864,735.70	18.00%	2,315,652.43	759,019.41	3,074,671.83	15,939,407.53	9,026,33
40054360		AS EVALUATED	-	-	•						
400(1)18	Prestressed Structural Concrete Member, Type IV-B	AS SUBMITTED	16.00	esch	13,290,283.79	18.00%	2,392,251.08	784,126.74	3,176,377.83	16,466,561.62	1,029,166.35
4077(0)	land Community Company	AS EVALUATED									
4 07(8)	Lean Concrete for RCBC	AS SUBMITTED	24,41	സ്ഥ	163,170.18	18.00%	29,370.63	9,627.04	38,997.67	202,167.85	8,282.17
640/2\b		AS EVALUATED	-		-						
413(3)b	Premolded Expansion Joint Filler with Sealant	AS SUBMITTED	9.72	corus	4,958.31	18.00%	892,50	292.54	1,185.04	6,143.35	632.03
445(4)		AS EVALUATED	-	-							
412(1)	Elastomeric Bearing Pads	AS SUBMITTED	32.00	each	170,392.68	18.00%	30,670.68	10,053.17	40,723.85	211,116.52	6,597.39
412/7)-1		AS EVALUATED	-		-						
413(7)a1	Expansion Dam for Bridges (Steel)	AS SUBMITTED	3.00	set	1,327,312.16	18.00%	238,916.19	78,311.42	317,227.61	1,644,539.77	548,179.92
44.4543	P	AS EVALUATED	-		-						
414(1)	Forms and Falsework	AS SUBMITTED	1.00	ls	1,334,596.89	18.00%	240,227.44	78,741.22	318,968.66	1,653,565.55	1,653,565.55
		AS EVALUATED			-						
	TOTAL OF PART F	AS SUBMITTED			77,860,204.26		14,014,836.77	4,593,752.05	18,608,588.82	96,468,793.07	
PART G	Drainage and Slope Protection Structures			A SERVICE		67,000.30					Baroline Selve
EMP(**) *	Constant Promote Promote Name	AS EVALUATED									
ン U>(∡)∂	Grouted Riprap, Class "A"	AS SUBMITTED	2,881.08	cu.m	9,638,219.11	18,00%	1,734,879.44	568,654,93	2,303,534.37	11,941,753.48	4,144.89
				·	·						

507 (1)	Rubble Concrete	AS EVALUATED									
30, (1)	Rabble Condigite	AS SUBMITTED	•	cu.m	-	18.00%		-	-	-	#DIV/0!
508 (1)	Handlaid Rock Embankment	AS EVALUATED			·						
JUD (1)	Translate Note Emberient	AS SUBMITTED	8,466.20	cu.m	14,639,495.06	18.00%	2,635,109.11	863,730.21	3,498,839.32	18,138,334.38	2,142.44
	TOTAL OF PART G	AS EVALUATED									
	TOTAL OF FART G	AS SUBMITTED			24,277,714.17		4,369,988.55	1,432,385.14	5,802,373.69	30,080,087.86	
PARTH	Miscellaneous Structure										r distribution
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS EVALUATED							Ballion 1. (1997) 1. (1997	LETTE CONTRACTOR OF SOME HEAVENING	
012(1)	reseconded the more said revenient markings (white)	AS SUBMITTED	96.00	sq.m	70,242.83	18.00%	12,643.71	4,144.33	16,788.04	87,030.87	906.57
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED			37-110-00-04						
012(2)	refectorized memoplastic ravellent markings (reliow)	AS SUBMITTED	72.00	sq.m	49,788.78	18.00%	8,961.98	2,937.54	11,899.52	61,688.30	856.78
	TOTAL OF PART H	AS EVALUATED									
	TOTAL OF PART IT	AS SUBMITTED			120,031.61		21,605.69	7,081.87	28,687.56	148,719.17	
P. Company	GRAND TOTAL	AS EVALUATED			-						
	GRAND TOTAL	AS SUBMITTED			136,599,170.92		24,186,126.20	8,039,264.86	32,225,391.06	168,824,561.97	

Preparation and Submission:

Prepared by:

Cricacayo

JERALD R. BARRERA ISID

Engineer II DPWH RO9 Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV DPWH RO9 Evaluation:

SATURNING C. TORREFRANCA
District Engineer

DPWH RO9

168,824,561.97

nt Weak Bridges - Dionum Bridge (BR01589MN) alon an - Mutla Road Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description Const. of Fleld Office for the Enigneer

1.00 ls 1.00

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

	(G.2+HZ+I2+J1)			Total Cilit Cost - As Evaluated	7.4
565,335.01	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
1	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	<u> </u>
26,920.71	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
36,502,66	10%/8% of G.1			Contractor's Profit - As Submitted	
10,020,00	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	_
15 0CJ 3V	1794 /904/704/604 05 6 1		mitted	Overthead Contingencies & Miscellaneous (OCM) - As Submitted	# C
456,283.30				Direct Unit Cost (E.1+r.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
ALAMAN AND AND AND AND AND AND AND AND AND A					F.2
				Equipment	
400,000.00				Sub-Total for F-1 As Submitted	
400,000.00	400,000.00	*	lumpsum	a. Materials	E.
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
2				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
56,283,30				Direct Unit Cost (C.1 +D.1) - As Submitted	E.1
1 1.000				Output per Hour - As Evaluated	
1 20				Output per Hour - As Submitted	
56,283.30				Total (A 2+R 2) - As Subilinated	_
FC 202 20				Total (A 1+R 1) - As Submitted	2
				C.A. Total for D 3 As Bushinted	
					8.2
00/3 02:00				Equipment	
30.732.33				Sub-Total for B-1 As Submitted	
19,600.00	2,450.00	0	1	Minor Tools (10% of Labor Cost)	
5,504.00	1/2,00	32		h Wahar Truck	
	*17.00	3	•	Equipment Ranger Miver	₽
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
		annum e e e e e e e e e e e e e e e e e e e			
					A.2
				Labor	
56,283.30				Sub-Total for A-1 As Submitted	
21.675.00	45.16	80	6.	d. Laborers	
14,066,10	58.61	80	ω	c. Carpenters	
14 066 10	58.61	80	3	b. Masons	A,1
01.347.9	80 OF	80	4	a. Construction Foreman	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

mt Weak Bridges - Dionum Bridge (BR01588MN) alor Zamboanga del Norte

an - Mutia Road

FORM-POW-2015-01D-00

Item No./Description •• Prov. Of Furniture, Equipment, & Appliance for Field Engineer

1.00 ls 1.00

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

2 2		1.1	1.2	1.1	H.2	H 1	G.2	G.1		7.7	3			7			E,2	E.1	D.2	D.1	C.2	Ci		į	3 3			B.1	3			7.7	<u>.</u> د			 A.1		
Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated			Equipment	Sub-Total for F-1 As Submitted	a. Office Equipment/racilities & Supplies	Materials	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for 8-2 As Evaluated			Equipment	Sub-Total for 8-1 As Submitted		Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted		Labor	Designation
					uated	mitted								lumpsum		Unit														No. of Units								No. of Person/s
														P-4		Quantity														No. of Hour/s								No. of Hour/s
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								400,000.00		Unit Cost														Hourly Rate								Hourly Rate
420,000,00		20,000.00	•	1		-	1	400,000.00					400,000.00	400,000.00		Amount (Php.)		1		1.00	1						1			Amount (Php.)					1			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

nt Weak Bridges - Dionum Bridge (BR01588MN) alor an - Mutia Road Zamboanga del Norte

FORM-POW-2015-01D-00

Item No./Description Operation & Maintenance of Gov't. Service Vehicles

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --1.00 ls 1.00

5% of (G.2+H2+I2) 5% of (G.2+H2+I1) (G.1+H1+I1+I1) (G.2+H2+I2+II)				Value Added Tax - As Submitted Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	SEL
	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	J.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Contractor's Profit - As Submitted	H.2
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	T.H
				Direct Unit Cost (E.1+r.1) - As Submitted Direct Unit Cost (E.2+r.2) - As Evaluated	G.2
				Sub-Total for F-2 As Evaluated	
					F.2
				Sub-Total for F-1 As Submitted Equipment	
_	100,000,000	7.00	V	a. sperchal is cit.	
7	10,000,00	4.00	pcs	d Charanarte atr	
7	30,000,00	1.00	v.	b. Engine Oil & Lubricants	F, 2
	50.00	6,120.00	ltrs	a. Diesel Fuel	
	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 +D.1) - As Submitted	E.i
				Output per Hour - As Evaluated	D.2
				Output per Hour - As Submitted	0,1
_				Total (A.1+6.1) - As Submitted	3 5
1				Sub-Total for B-2 As Evaluated	2
					8.2
-				Equipment	
				Sub-Total for 8-1 As Submitted	
					7.
_				Equipment	3
	Hourly Rate	No. of Hour/s	No, of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					i
					<u>></u>
				Labor	- 174.AL
				Sub-Total for A-1 As Submitted	
	58.61	1632	1	a. Service Driver	2.1
				Labor	
	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

nt Weak Bridges - Dionum Bridge (BR01588MN) aloc Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

ian - Mutia Road

FORM-POW-2015-01D-00

Item No./Description •• Construction Survey and Staking

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 0.36 km 1.00

<u> </u>	┵	3 L				1_	1_	2.5		 F.2					TI -		E.2	E.1	Ш		1_	CI	<u> </u>	 8.2			 8,1				A.2							> -1			
Total Unit Cost - As Evaluated	Valle Audeu Tax - As Culturitad	Value Added Tax As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E,2+F,2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	Miscellaneous (5% of Materials)	b. Blue Printing	Materials A. Standard Stake Plan	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Iotal (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for 8-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	a. Total Station with complete accessories	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b. Skilled Laborer	a. Geodetic Engineer	(For Office Works)	c, Laborer	h. Skilled abover	a. Georgetic Engineer	(Far Field Works)	Designation
					uated	mitted							7000	pus	200	Unit											H		No. of Units					2	₩.		u) t	ب	4		No. of Person/s
														115	an an	Quantity											27		No. of Hour/s					80	80	6,	27	77	7		No. of Hour/s
(G.2+H2+I2+J1)	(71+7U+7'D) 10 %C	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G,1							10.00	40 00	200 00	Unit Cost											100.00		Hourly Rate					58.61	80.95	10.10	20,01	60.95	20.00		Hourly Rate
51,200,62		2,438.12	2	3,305.93		4,132.41	*	41,324.15	ı		***/***********************************	12.180.00	2,000.00	7,000.00	7 000 00	Amount (Php.)	£	29,144.15	1	1.00	1	29,144.15			£// 00,00	2 700 00	2,700.00		Amount (Php.)				26,444.15	9,377.40	6,476.10	2,027,00	72 (47,47	2,185.58	2		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

nt Weak Bridges - Dionum Bridge (BR01588MN) alor Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

an - Mutia Road

FORM-POW-2015-01D-00

Item No./Description --Project Billboard

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 2.00 unit 1.00

(G.2+H2+I2+J1)
5% of (G.2+H2+I2)
5% of (G.1+H1+I1)
10%/8% of G.1
12%/9%/7%/6% of G.1
12%/9%/7%/6% of G.1
1,00 800.00
Quantity Unit Cost
No. of Hour/s Hourly Rate
1 45.16
58.61
80.95
No. of Hour/s Hourly Rate

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ant Weak Bridges - Dionum Bridge (BR01588MN) alor Yan - Mutia Road Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description • • Occupational Safety & Health Program

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1.00 ks 1.00

				_		_		G.1 L	(A)	- 2	t >	-	ارئ	lo.	<u>.</u>							C.2		ام	B.2 -		ार	.B.	lm l		133	, ,	د	Tr	S)	1	<u> </u>		A.1 b	ادہ	- I	1	
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overfiead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated			Materials	Sub-Total for F-1 As Submitted	C. Rain Coats (Rain Forced, Hip Length Small, Medium & Large)	b. Pairs, Working Gloves (Maong Materials)	Materials 3. Pairs, Rubber Boots Men, Long with Steel Toe, Black	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for R-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted		Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted				b. First Alder	a. Safety Practitioner	Labor	Designation	Decimation
					uated	mitted								pcs	pair	pair	Unit													No. of Units									2	-		No. of Personys	Na af Darsan/s
														24.00	24.00	24.00	Quantity													No. of Hour/s								E 0 1/2 E	1632	816		No. of Hour/s	مام مقالمسار
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G 1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								100.00	15.00	400.00	Unit Cost													Hourly Rate									74.14	80 OF		mouny kate	danuk, Bata
363,330.13		17,301.43	201001110	25 631 76	•	Ħ	4	320,396,94					12,360.00	2,400.00	360.00	9,600.00	Amount (Php.)	t	308,036,94		1,00		308.036.94							Amount (Php.)					308,036.94			7 1 1 1 1 1 1 1 1 1 1 1 1	241 980 72	25 OEC 33		Amount (Pnp.)	A

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

lent Weak Bridges - Dionum Bridge (BR01588MN) ak Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

fian - Mutla Road

FORM-POW-2015-01D-00

Item No./Description

Traffic Management

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --1.00 ls 1.00

263,215.51	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	V 1
12,534.07	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	_
	10%/8% of G.1			Contractor's Profit - As Evaluated	
18.569.00	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
	1 70% /90% /70% /80% of G 1		milted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
232,112.44				Direct Unit Cost (E.2+F.2) - As Submitted	G 2
				Sub-Total for F-2 As Evaluated	
					F,2
				Materials	
100,000.00				Sub-Total for F-1 As Submitted	
100,000.00	100,000.00	1.00	ls	a. Traffic Materials/Supplies	F.
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
-				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
130 11				Direct Unit Cost (C.1 +D.1) - As Submitted	
1,00				Output per nour - As Submitted	3 5
			Signature	Iotal (A.2+8,2) - As Evaluated	2.2
132,112,44				Total (A.1+B.1) - As Submitted	C.1
COOMICS TO THE THE THE THE THE THE THE THE THE THE				Sub-Total for B-2 As Evaluated	
					₿.2
			- Automotive	Equipment	
				Sub-Total for B-1 As Submitted	
					1.0
				Equipment	
Amount (Php.)	Hourly Rate	No, of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				LABOT	
132,112.44				Sub-Total for A-1 As Submitted	T
				Sub-Total for A + As Submitted	
					A.1
132 112 44	80.95	816	2	a. Laborer	
				TUIXI	
Altioutic (Prip.)	Hourly Kale	140. 01 11001/3	ino: or i cloonly o		
A	Harmly Data	No of Hourle	No of Person/s	Designation	

Prepared by:

JERAKO R. BARRERA Engineer II

Checked/Reviewed

nt Weak Bridges - Dionum Bridge (BR01588MN) alor

an - Mutia Road

FORM-POW-2015-01D-00

Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Item No./Description

Unit of Measurement 1.00 ls

. .

Mobilization & Demobilization

Output per hour-As Submitted Output per hour-As Evaluated 1.00

F.2 **B.2** F.1 Ä A.2 A.1 Sub-Total for F-2 As Evaluated

Direct Unit Cost (E.1+F.1) - As Submitted

Direct Unit Cost (E.2+F.2) - As Evaluated

Overhead, Contingencies & Miscellaneous (OCM) - As

Overhead, Contingencies & Miscellaneous (OCM) - As

Contractor's Profit - As Submitted

Contractor's Profit - As Evaluated

Value Added Tax - As Submitted

Value Added Tax - As Submitted

Value Added Tax - As Submitted Materials Sub-Total for B-2 As Evaluated Total (A.1+B.1) - As Submitted Total (A.2+B.2) - As Evaluated Equipment
a. Low Bed Traller Output per Hour - As Submitted Output per Hour - As Evaluated Equipment Sub-Total for F-1 As Submitted Direct Unit Cost (C.2 +D.2) - As Evaluated Direct Unit Cost (C.1 +D.1) - As Submitted Labor Materials Sub-Total for 8-1 Sub-Total for A-2 As Evaluated Sub-Total for A-1 As Submitted Name and Specification As Submitted Name and Capacity Designation - As Submitted - As Evaluated No. of Person/s ₹ . of Units 텵 <u>₹</u> No. of Hour/s Quantity of Hour/s 56 12%/9%/7%/6% of G.1 12%/9%/7%/6% of G.1 10%/8% of G.1 10%/8% of G.1 10%/8% of G.1 5% of (G.1+H1+I1) 5% of (G.2+H2+I2) (G.1+H1+I1+J1) (G.2+H2+I2+J1) Hourly Rate Hourly Rate Unit Cost 4,255.38 Amount (Php.) Amount (Php.) Amount (Php.) ,000,864.20 953,204.00 953,204.00 953,204.00 953,204.00 953,204.00 47,660.20 1.0

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description .. Removal of Actual Structures/Obstruction

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 804.00 sq.m 40.00

Λ.Σ. Σ.Δ.	3.2	3.1	I.2	1.1	H.2	H, <u>±</u>	G.2	G.1			F.2					T			E.2	E.1	D.2	D.1	C.2	C.1		8.2					B.1					A.2						A.1				
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	laneous	Overhead, Contingencles & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	A PARTIE AND THE PARTIES AND T		Materials	Sub-Total for F-1 As Submitted	ANTHEORY OF THE STATE OF THE ST	WINDOWS TO THE THE PROPERTY OF	ACTIVATE PROPERTY TO SECURITY CONTRACTOR CON	Materials	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	In A HE PART IN 11 IS.	Falloment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	c. Dumptruck	b. Payloader	a. Backhoe	Name and Capacity	CAN LAMI IN U. V. U.D. LAMINGWA	Sub-Total for A-2 Ac Evaluated			Labor	Sub-Total for A-1 As Submitted			b. Laborer	a. Construction Foreman		AND THE PROPERTY OF THE PROPER	Designation
измительно получения выпуска выпуска выпуска выпуска выпуска выпуска выпуска выпуска выпуска выпуска выпуска в	ACANATION TO THE PROPERTY OF T				uated	mitted												Unit	РРУИ ППЯНЬ ОТУДЕЛЬНЫ В МЕТИКОЗНИКО В ВИТИКОЗНИКОТ	**************************************									F	→	,		No. of Units				A CONTRACTOR OF THE PROPERTY O				orenoties constant the constant to the constant	2	1			No. of Person/s
	misternyjem syjem smominemiaeseovym samin													The state of the s			AND THE POST OF TH	Quantity	AND THE PROPERTY OF THE PROPER								A CONTRACTOR AND AND AND AND AND AND AND AND AND AND		0.00	0.50	1.00	1.00	No. of Hour/s							TO THE THE PERSON OF THE PERSO	NO PERFORMENT D'ANNE SANDA SAN	1.00	1.00			No. of Hour/s
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1				only produce to a construction on an article of the construction o			- The second second second second second second second second second second second second second second second		ALANDA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA MARANA	GENERAL CONCENTRATION OF THE CONTRACT OF THE C		Unit Cost						VIII-OCII-ASIGNASIA MATALANIA SAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		en de l'entre de l'ent			4) 120,00	1,420.00	1,733.00	1 537 00	Hourly Rate		ASSESSMENT AND THE PROPERTY OF	***************************************	en eki ta esa anaka esa tekena anaka anaka anaka anaka anaka anaka anaka anaka anaka anaka anaka anaka anaka a				etariona de esta marte escario de la marte escario de la marte de la marte de la marte de la marte de la marte	45.16	80.95	AND AND AND AND AND AND AND AND AND AND		Hourly Rate
129.12	A THE RESIDENCE OF THE PROPERTY OF THE PROPERT	6.15		8.34		10,42	r	104.21					Australia Company Comp		A STATE AND A STATE OF	**************************************		Amount (Php.)		104.21		40.00	7	4,168,39		Company of the Compan	3,77	3.997.13	17.13	710.00	1 733 00	1 537 00	Amount (Php.)						171.26		мала капперинуши каленан ишпекирелькой окониленской селинентической и поментической поментической оконилентиче	90,31	80,95	ожина со велосинација инсолога визино сигруствоского совето на представа на предста	O PERMICUS CONTROLLES DE CONTROLLES DE CONTROLLES DE CONTROLLES DE CONTROLLES DE CONTROLLES DE CONTROLLES DE C	Amount (Php.)

Prepared by:

JERALD R. BARRISRA Engineer II

Checked/Reviewed

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS Pifian - Mutla Road

FORM-POW-2015-01D-00

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 559.85 cu.m 20.00

Item No./Description

--

Structure Excavation, Common Soil

 ·····	7	Ç
Designation		tput per nour-as Evaluated :
No. of Person/s		
No. of Hour/s		
Hourly Rate		
Amount (Php.)		

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated
(11+11+11+1) 00 (3.2+11+11)	٠			Total Unit Cost - As Submitted
2% of (G.1+1117)	1			Value Added Tay - As Evaluated
10%/8% of G.1	1			Contractor's Profit - As Evaluated
10%/8% of G.1				Contractor's Profit - As Submitted
12%/9%/7%/6% of G.1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
12%/9%/7%/6% of G.1			mitted	Overhead. Contingencies & Miscellaneous (OCM) - As Submitted
				Direct Unit Cost (E,1+F,1) - As Submitted
	Щ			Sub-Total for F-2 As Evaluated
	4			
				Sub-Total for F-1 As Submitted Materials
	1			
	$\perp \downarrow$			Materials
Unit Cost		Quantity	Unit	Name and Specification
				Direct Unit Cost (C.2 +D.2) - As Evaluated
	L			Direct Unit Cost (C.1 +D.1) - As Submitted
	_			Output per Hour - As Evaluated
	1			Total (A.2+B.2) - As Evaluated
	\sqcup			Total (A.1+B.1) - As Submitted
	1			Suff-Total for R-7 As Evaluated
	Ш			
	\perp			Equipment
	╇			Sub-Total for B-1 As Submitted
	\vdash			Minor Tools (10% of Labor Cost)
1,537.00	+	1.00	1	b. Backhoe
	+	8		Equipment
Hourly Rate	•	No. of Hour/s	No. of Units	Name and Capacity
				Sub-Total for A-2 As Evaluated
	igdash			
	_			Labor
				Sub-Total for A-1 As Submitted
45.16		1.00	ω	b. Laborer
80.95	_	1.00	1	a. Construction Foreman
	\vdash			Labor
Hourly Rate		No. of Hour/s	No. of Person/s	Designation

Prepared by:

HERALD R. BARRERA
Engineer II

Checked/Revjewed

Replacement of Permanent Weak Bridges - Dionum Bridge (BR01588MN) along radan - Mutia Road Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Bridge Excavation, Common Soll

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 308.85 cu.m 20.00

	(17471+7147)			Total Unit Cost - A5 Evaluated	7.7
	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1,2
	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	
	10%/8% of G.1			Contractor's Profit - As Submitted	
	12%/9%/7%/6% of G.1		As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evi	
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscelianeous (OCM) - As Submitted	
				Direct Unit Cost (E.2+F.2) - As Evaluated	6.2
				Direct Unit Cost (E.1+F.1) - As Submitted	6.1
				Sub-Total for F-2 As Evaluated	
					i
					5
				Materials	
				Sub-Total for F-1 As Submitted	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	
166.34				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	
3,326,86				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					8.2
				Equipment	
3,096.99				Sub-Total for B-1 As Submitted	
				7.5.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	
				c. Minor Tools (10% of Labor)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
3,074.00	1,537.00	1,00	2	b. Backhoe	<u>, , , , , , , , , , , , , , , , , , , </u>
	0.00	1.00	L	a. Dumptruck	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					2
				Labor	
229.87				Sub-Total for A-1 As Submitted	
				0.1 7.4.16 4.4.8.0.1.114.1	
	45.16	1.00	2	b. Laborer	
	58.61	1.00	μ.	b. Skilled Laborer	<u> </u>
	80.95	1.00	ш	a. Construction Foreman	T 2. 1
				NADVI	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

nt Weak Bridges - Dionum Bridge (BR01588MN) alon am - Mutia Road Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Bridge Excavation, Soft Rock

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,097.41 cu.m 14.00

		_		i_	L	_1	i	G.1 Direct Unit Cost	Sub-Total for F-2 As Evaluated	F.2	Materials	Sub-Total for F-1 As Submitted		F.1	Materials		ــــــــــــــــــــــــــــــــــــــ	_			C.2 Total (A.2+B.2) - As Evaluated	C 1 Total (A 1±B 1) - As Submitted	 R)	Folloment		Minor Tools (10% of Labor)		B.1 b. Backhoe w/ Breaker	a. Backhoe		Sub-Total for A-2 As Evaluated	A,2	Labor	Sub-Total for A-1 AS Submitted		C Labore	A.1 b. Skilled Laborer		Labor	
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Value Added Tax - As Evaluated	- As Submitted	it - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	ngencles & Miscellaneous (OCM) - As Sub	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	As Evaluated			As Submitted				Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	- As Evaluated	- As Submitted	As Evaluated	As Cylibrated		AS SUDMITTED	2	of Labor)		eaker		Name and Capacity	As Evaluated			AS SUDMITTED	A D. Caralles			iman	1	Designation
					hated	mitted										Unit											2	1 -4	-	No. of Units							1 د	· pus		No, of Person/s
																Quantity											1.00	0.50	0,50	No. of Hour/s						1,00	1.00	1.00		No. of Hour/s
5% of (G)+H)+T)	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1										Unit Cost											1,420.00	1,998.00	1,537.00	Hourly Rate						01.04	58.61	80.95		Hourly Rate
		20.48		27.77		34,72	-	347.17								Amount (Php.)		347.17		14,00	, , , , , , , , , , , , , , , , , , , ,	4.860.36		4,030.49	7 629 70	22,99	2,840.00	00.666	768,50	Amount (Php.)		**************************************	ī	729,87	2000	10.06	20.21	80.95		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

SIDRA A. ESTANISLAO

Engineer IV

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description •-Embankment from Borrow

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --37,307.00 cu.m 50.00

II.2 Overhead, Contingencies & Misce II.1 Contractor's Profit - As Submitted II.2 Contractor's Profit - As Evaluated II.1 Value Added Tay - As Submitted				į		G.2 Direct Unit Cost (E.2+F.2) - As Evaluated		Sub-Total for F-2 As Evaluated	F.2 mmmarunionevamulentemantammakentemaseetentinise	Materials	Sub-Total for F-1 As Submitted	a. Common Borrow	Materials			E.1 Direct Unit Cost (C.1 +D.1) - As Submitted						B)	Equipment	Sub-Total for B-1 As Submitted	ADDRESS AND ASSESSMENT OF THE PROPERTY OF THE	THE PARTY OF THE P	c. Water Truck/Pump		a. Motorized Road Grader	Equipment	Name a	Sub-Total for A-2 As Evaluated	A.2	Labor	Sub-Total for A-1 As Submitted				A,1 b. Laborer	a, Construction Foreman	тамината профенента и при при при при при при при при при п	Des
Value Added Tax - As Evaluated	nitted	luated	bmitted	Overhead, Contingencles & Miscellaneous (OCM) - As Evaluated	ù Miscellaneous (OCM) - As Subr	- As Evaluated	- As Submitted	ated	бекто флозофорфия и перименай инперименай и перименай и перименай и перименай и перименай и перименай и периме	онтинентинентиненти шешкомпонияния шишшишшин принцинальной п	itted			Name and Specification) - As Evaluated) - As Submitted	INITIEO		nitted	ated			EMICOMEDICATE CONTRACTOR OF TH	itted	400HSS-40HS2/HH-22HS4-1-1-1-1	With Miles (Miles) And Andreas (Miles)			THE PROPERTY OF THE PROPERTY O		Name and Capacity	ated		Andreas and the state of the st	itted		A SECURE OF THE PROPERTY OF TH	an demonstration des des des des des des des des des des			O TOTAL OF THE VEHICLE STATE O	Designation
esekimintekimintekimintekimintekimintekimintekimintekimintekimintekimintekimintekimintekimintekimintekimintekim	**************************************			uated	mitted						CANADA TO THE PARTY OF THE PART	cu.m		Unit			energy amma em de sen una basenada de la constante de la const	NA COLUMNICA CONTRACTOR DE CON	e de la composição de l		or demonstration or system of systems and second or seco						1	1	1		No. of Units						- Compression and Compression		2			No. of Person/s
OTTER BENEVIEW OF PERSON FREE STATES OF THE			monu-mosec dayaan aasaa saada ka waxaa aa	THE THE PROPERTY OF THE PROPER						dinasemmental de la company de		1,25		Quantity				CONTRACTOR OF THE PROPERTY OF	-	3300.00	Annual Control of Cont					Cymre 1777 and a result of the second	0.25	1.00	1.00		No. of Hour/s					A THE STREET, WHEN THE PROPERTY OF THE PROPERT		the figure of the property of	1.00	1 00	APPARENTATION TO THE PROPERTY OF THE PROPERTY	No. of Hour/s
5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1						THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT	441.40		Unit Cost								encempyencementerium expenses expenses and publication productions and address	CONTRACTOR ACCOUNTS THE CONTRACTOR OF THE CONTRA	AND CONTRACTOR OF THE CONTRACT			2,450.00	1,846.00	2,173.00		Hourly Rate						A THE PERSON OF		45.16	80.95		Hourly Rate
	38.22	*	51.82	устандуштандардандын ангалдандын ангалдын 64.78	•	647.81		жей ізгрушта примента противня примента примента примента примента примента примента примента примента примент	от подражения по подражения подра	551,75	551.75		Amount (Php.)		96,06	50,00		4,802,76		The state of the s	(ROZII) HIBADINIA INA KORIBINIA (ALIPANIDA GALOMA) HIBADINIA (KIRALOMA INA INI INI INI INI INI INI INI INI IN	TO TIME	4 631 50	The state of the s		612.50	1,846.00	2,173.00	of employing a plate of the contract of the co	Amount (Php.)		1		171.26			mmentatoristoristoristoristoristoristoristoris	18.06	80 98		Amount (Php.)	

Prepared by:

JEBALD R. BARRERA Engineer II

Checked/Reviewed

AT WWW.
RA A. ESTANISLAO
Engineer IV

Weak Bridges - Dionum Bridge (BR01588MN) & Zamboanga dei Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Aggregate Subbase Course

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 1,883.00 cu.m 50.00

	(1/1/17/17/17/5)	Hereard the second the		fotal Unit Cost - As Evaluated	X.2
1,767.56	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	Ĭ.ĭ.
	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	<u>t</u> .
84.17	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	<u> </u>
L	10%/8% of G.1			Contractor's Profit - As Evaluated	l
114.13	10%/8% of G.1			Contractor's Profit - As Submitted	
-	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
142.66	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Sut	
•				Direct Unit Cost (E.2+F.2) - As Evaluated	
1,426.61				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
•				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
1,330,55				Sub-Total for F-1 As Submitted	
1,330.55	1,157.00	1.15	cu.m	a. Aggregate Subbase Course	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	1
96,06				Direct Unit Cost (C.1 +D.1) - As Submitted	I.
ALE MATERIAL MATERIAL MATERIAL MATERIAL PROPERTY OF THE PROPER		THE RESERVE OF THE PROPERTY OF		Output per Hour - As Evaluated	L
50.00	A PARTIE A PARTIE A A MATERIA PARTIE DE MATERIA DE MATE	and the second state of the second se		Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	C2
4,802,76				Total (A.1+8.1) - As Submitted	
ACTION CHICAGO THE STORE OF THE				Sub-Total for B-2 As Evaluated	
		The second secon			B.2
		The state of the s		CAUDIEN	
4,631,50				Sub-lotal for 8-1 As Submitted	
	A STATE OF THE PERSON OF THE P	CONTRACTOR OF THE PROPERTY OF			
612.50	2,450.00	0.25	1	c. Water Truck/Pump	_
1,846.00	1,846.00	1,00	1	b. Vibratory Roller	2
2,173.00	2,173,00	1,00	<u> </u>	a. Motorized Road Grader	
			CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE		
			CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE		
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
ACOMOTH HISTORIAN ACOUSTICATE ARRACTION FLOWER ACTIONS AND ACTION ACTION AND ACTION AND ACTION AND ACTION AND ACTION ACTION AND ACTION ACTION AND ACTION	ADARD (SELECTAN ALEXA CONCESSA) RECORD OF AN ACCIONAL SERVICE OF A SER			Sub-Total for A-2 As Evaluated	
CANCALO TIONE DATEMENTO CANCALA CANCALA CANCALA CANCALA CONTRACTOR CANCALA CANCALA CONTRACTOR CANCALA	ACT-COLORS CONTRACTOR COLORS C			ASSESSMENT OF THE PROPERTY OF	A.2
POUR POINT HOUR BARRAIN REPORTED PRINTED PROPERTY COMPANIES OF THE COMPANI	ене изменновного советименти по поставления в поста	NORTH THE PROPERTY OF THE PROP		LADOF	
97.1/1	NA CHOLING AND AND ADDRESS OF THE AD			Sub-location A-1 As Subtilities	
30 151				Cub Tabel for A.1 As Submitted	
A second					
					,
90.31	45.16	1.00	2	b. Laborer	A.1
80.95	80_95	1.00	Í	a. Construction Foreman	
∧даческия — учонали извети да поменения поменения поменения поменения поменения поменения поменения поменения п	wantamengtamenyenenymecapyneenymethymethymethymeth	Mark Anderson Construction of the Construction	ннэхэнтэх на мараметра на настрания на настрания на настрания на настрания на настрания на настрания на настра	Labor	
Allouis (rap.)	library Nate	אט, טו ווסמו/צ	140. 0) Felacily's 140. 01 (100)/s		
Amount (Dhn)	Houselv Rate	No of Hourle	No of Darson/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Revjewed

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Portland Cement Concrete Pavement

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 2,318.20 sq.m 57.50

	F.2							;	n					E.2	E i	3 2	C	C.1		8.2			 				Б.1	2							A.2					;	>	 •	
Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	1. ripe steeve	n, concrete saw	g. cement	f. Grave	e. Sand	d. Steel Forms	c. Asphalt Sea;ant	b. Curing Compound	Materials a Beinfording Cheel Bar	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for 8-2 As Evaluated		Edubutelic	Sub-Total for B-1 As Submitted		Minor Tools (5% of Labor Cost)	h. Bar Cutter	g. Concrete Saw	f. Water Truck	e. Concrete Screeder	d. Payloader	c. Concrete Natrator	a. Transit Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted			c. Laborer	a, Construction Foreman	Labor	Designation
				₹ =	PC	pag	cu.m	cu.m	m	ā	e (é	5	Unit	***************************************											1	Ţ	J -m4.	, A		1	, 4		No. of Units							12	7 1	TO SECURITIVE CONTRACTOR STATEMENT STATEMENT OF SECURITIVE SECURIT	No. of Person/s
		AAA TII AA T		0.008	0.000	7,000	0,280	0,154	0.460	0.170	0.290	0 500	Quantity		AND THE RESERVE TO SERVE THE SERVE T	None de la companya d						,			0.10	1.00	1.00	1.00	1.00	1.00	1.00		No. of Hour/s	CONTRACTOR COLOR C	W.LATTPERS (DE-LANGERS) AND STREET	AND COMPANY OF THE PARTY OF THE			A PARTICULAR DE L'ARTE CONTROLLE DE L'ARTE CON	1.00	1.00		No. of Hour/s
		manayan's seriory makayay dirk vith seriorological magazina serial direct	The statement of the st	21 00	8,000,00	10.787	1,357.00	1,323,00	40,00	75,00	40.00	43 NN	Unit Cost						THE WAS CONTROLLED TO THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE	AMADDEET AND SERVED OF STATE O					219.75	32,63	2,450.00	545.00	1.733.00	4 750 50 4 750 50	1,318.00		Hourly Rate						PARTICULAR DE LA CARTA DEL CARTA DE LA CARTA DE LA CARTA DEL CARTA DE LA CARTA DEL CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DEL CARTA DE LA CARTA DEL CARTA DE LA CARTA DE LA CARTA DE LA CARTA DEL CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DEL CARTA DE LA CARTA DE LA CARTA DE LA CARTA DE LA CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA DEL CARTA	45.16	80.95		Hourly Rate
3			1,428,43	0.16	1.70	//0,00	379,96	203,74	18,40	12.75	11.60	21.50	Amount (Php.)		224.29	2/,30		12,896.73			B. CONTROL OF THE PARTY OF THE	12,039.47		42.86	21,98	32.63	2,450.00	545.00	1,733.00	1 750 50	5,272.00		Amount (Php.)				857.26	1	е совети в населения в населе	541,88	80.95		Amount (Php.)

	(G.2+H2+I2+J1)	2 Total Unit Cost - As Evaluated
2,047.72	(G.1+H1+I1+J1)]	K.1 Total Unit Cost - As Submitted
	5% of (G.2+H2+I2)	Value Added Tax - As Evaluated
97.51	5% of (G.1+H1+I1)	Value Added Tax - As Submitted
,	10%/8% of G.1	Contractor's Profit - As Evaluated
132.22	10%/8% of G.1	Contractor's Profit - As Submitted
•	12%/9%/7%/6% of G.1	2 Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
165.27	12%/9%/7%/6% of G.1	1 Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
h		2 Direct Unit Cost (E.2+F.2) - As Evaluateu
1,652.72	Attended to the second	1 Direct Unit Cost (E.1+F.1) - As Submitt

repared by:

JERALD R. BARRERA Engineer II

Thecked/Reviewed

SIDRA A. ESTANISLA

nt Weak Bridges - Dionum Bridge (BR01588MN) alor Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

an - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Precast Concrete Piles, Furnished

2,300.00 ln.m 1.90

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

	1704,1004,1704,1604, 04 12 1		ubmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H
4,467.93				Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated	G 2
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
3,816.35				Sub-Total for F-1 As Submitted	
102.56	1,282.00	0.08	cu.m	e, Base Course	
	42.00	1,00	bd.ft	d. Good Lumber	
	1,357.00	0.04	cu,m	c. Gravel	
	1,323.00	0.02	cu.m	b. Sand	
	292.51	0.29	bag	a. Cement	
				Casting Bed	
-	58.00	0.12	ĸ	h. Assorted CWN	
	68.00	0.83	kg	g. #16 GI Tie Wire	i
520.80	42.00	12,40	bd.ft	f. Good Lumber	11
	853,00	0.24	R	e. Plywood	
07.447	1,557.00	0.10	Lu,iii	u. Glave	
	1 20.00	0.00	Cu.III	A CANAGE	
119 07	1 223 00	0.09	m m	r Sand	
485.57	292.51	1.66	bag	b. Cement	
1.8	45.00	41.64	Ã	Materials a. Reinforcing Steel	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	L
651.58				Direct Unit Cost (C.1 ÷D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	
				Cuput per nour - As outsinued	1.0
,				John (Ariz Torz) - As Evanded	
1,200.00				Total (A 31 B 3) As Evaluated	3 5
-				Total (A 1+R 1) - As Submitted	3
				Sub-Total for R-2 As Evaluated	
					8,2
المعدد والمستقد والمستوانة بالمارية بالمستقد والإيمارة والمستوا				Equipment	
561,36				Sub-Total for B-1 As Submitted	
280,68				Minor Tools (10% of Labor Cost)	
	123,00	0,03		g, Plate Compactor	
	351.50	0.15		r, par bender	
	213.73	0.13		6 Des Desides	
	240.75	0.03	÷ [-	o Ray Cuttor	
	2 450 00	0.03	-> I	d Water Teick/Dimo	73
	91.25	0.25	+	c. Concrete Vibrator	
	172.00	0.25		b. One Bagger Mixer	
	1.733.00	0.03		a, Payloader	
				Editment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub- Iotal for A-2 As Evaluated	
				3	
					A.2
				Labor	
676.64				Sub-Total for A-1 As Submitted	
361,25	45.16	1.00	8	c. Laborer	
234.44	58.61	1.00	4	b. Skilled Laborer	A.1
	80.95	1.00	1	a. Construction Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

+I1+J1) 5,535,76 +I2+J1) -		THE PROPERTY OF THE PROPERTY O	
)	(G.2+H2+I2+J1)	K.2 Total Unit Cost - As Evaluated	~
一日 一日 一日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日	(G.1+H1+I1+J1	K.1 Total Unit Cost - As Submitted	^
-H2+I2) -	5% of (G.2+H2+I2)	3.2 Value Added Tax - As Evaluated	J.,
-H1+I1) 263.61	5% of (G.1+H1+I1	J.1 Value Added Tax - As Submitted	J.,1
6 of G.1	10%/8% of G.1	I.2 Contractor's Profit - As Evaluated	1.2
,%/8% of G.1 357.43	1/6/8%	I.1 Contractor's Profit - As Submitted	
√/7%/6% of G.1 -	M) - As Evaluated 1/ 1/7%/6	H.2 Overhead, Contingencies & Miscellaneo	工

Prepared by:

Prepared by:

JERALD R. BARRENA

Engineer II

ent Weak Bridges - Dionum Bridge (BR01588MN) alo Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

ian - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Structural Steel Sheet Piles, Furnished

•-

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

5,364.00 m 72.00

	(G.Z+HZ+IZ+J1)			Focal Unit Cost - As Evaluated	2.4
3,092.35	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	1_
P	5% of (G,2+H2+I2)			Value Added Tax - As Evaluated	L.
147.25	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
**************************************	10%/8% of G.1			Contractor's Profit - As Evaluated	1_
199.67	10%/8% of G.1			Contractor's Profit - As Submitted	
•	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
249,58	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
-				Direct Unit Cost (E.2+F.2) - As Evaluated	
2,495,84				Direct Unit Cost (E.1+F.1) - As Submitted	6.1
				Sub-Total for F-2 As Evaluated	
					۲,۷
					1
				Materials	
2,448.00				Sub-Total for F-1 As Submitted	
48.00				Miscellaneous (2% of Materials Cost)	
2,400.00	50.00	48.00	kg	Materials a. Steel Sheet Pile KSP II (delivered at site)	ग
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	·····
£				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
47.84				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
72.00				Output per Hour - As Submitted	11
				Total (A.2+B.2) - As Evaluated	C2
3 444 53				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	
					8.2
				Equipment	
3,156.05				Sub-Total for B-1 As Submitted	
28.85				Minor Tools (10% of Labor Cost)	r.:::r
3,127.20	3,127.20	1,00	Ŀ	a. Hast Found Clair	
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	* 00	4	Equipment Truck Mounted Orang	II
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
ī					
* *					A.2
				Lapoy'	
288.48				Sub-Total for A-1 As Submitted	
				City Takel Gov A 4 As Culturalities	
90.31	45.16	1.00	2	c. Laborer	
117.22	58.61	1.00	2	b. Skilled Laborer	A.1
80.95	80.95	1.00	6-4	a. Construction Foreman	
				(ALX)	
, and a second					
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Revlewed

ent Weak Bridges - Dionum Bridge (BR01588MN) alo Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description •-Structural Steel Sheet Piles, Driven

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 4,986.00 m 10.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	
	(G.1+H1+H1+H)			Total Unit Cost - As Submitted	
7	5% of (G.1+H1+I1)			Value Added Tay - As Evaluated	3 2.1
1	10%/8% of G.1			Contractor's Profit - As Evaluated	
1	10%/8% of G.1			Contractor's Profit - As Submitted	1
<u>,,,</u>	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1
.1	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
\top				Direct Unit Cost (E.1+F.1) - As Submitted	
T				Total for E.O. Ac Evaluated	F. 2
				Materials	
				Sub-Total for F-1 As Submitted	
1			i d	Miscelianeous (2% of Materials)	
	78.00	0.02	κο I	e, Assorted CWN	<u> </u>
	37 00 00.00LT	1.55	hd ff	d. Good Lumber	
	2,200.00	0.01	SCI.	c Coco Lons	71
	150.00	0.02	kg	a. Welding Rod	-1
+				Materials	
	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
_				Direct Unit Cost (C.1 ÷D.1) - As Submitted	
				Output per Hour - As Evaluated	
+				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	
\dashv				otal (A.1+B.1) - As Submitted	
\dagger				Sub-Total for B-2 As Evaluated	
				cquipilair	B.2
1				Say-road for b-1 AS Submitted	
T				Sub-Tatal for B-1 As Submitted	
	45,45	0.50	<u></u>	Cutting Outlit	-1-
	539.00	1.00	<u> </u>	a. Wedning Machine	. 1 =
l	2,147.27	1.00		Welding Machine	
	3,069.00	1.00	-		B.1
	3,127.20	1.00	<u></u>	a. Irrick mounted Crane	-1-
				Equipment	T
	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	,
				Sub-Total for A-2 As Evaluated	4= '
-					A.2
				Labor	1=
				Sub-Total for A-1 As Submitted	
					····
\dagger	12.10	1.00	j		
\dagger	45 16	1 28	6	c. Laborer	
	58.61	1.00	6	b. Skilled Laborer	<u> </u>
\dagger	80.95	1.00	-	. Construction Foreman	
1				Labor	مياسه
	riourly Kate	NO. OF FIGURE	No. of Felacily's		
	Elambo Data	file of Mounts	No of Dareon/e	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

SIDRA A. ESTANISLAO

Engineer IV

Weak Bridges - Dionum Bridge (BR01588MN) a Piñan - Mutia Road Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description • • Precast Concrete Piles, Driven

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 2,185.00 ln.m 1.95

χ. Σ.		J.1	I.2	1	_ 1			G1		F.2						1			1	-4	1 3		L			в.2							B.1						A.2					Α,1			
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Sub	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	AND THE PROPERTY OF THE PROPER	en ere er er er er er er er er er er er er	Sub-Total for F-1 As Submitted	Miscellaneous (2% of Materials Cost)	d. Oxygen/Acetylene	c. Nail/Spike	b. Good Lumber	a, Coco Logs	Name and Specification		Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C. 1 ÷D. 1) - As Submitted	Output per Hour - As Evaluated	10(d) (A,Z+b,Z) - AS Evaluated	10(d) (A, 1+6.1) - AS SUDMITTED	Sub-Total for B-2 As Evaluated	Contraction of the Contraction o	Equipment	Sub-Total for B-1 As Submitted		Minor Tools (10% of Labor Cost)	f. Air Compressor	e. Jack Hammer	d. Cutting Outfit	C. Omn Hammer	h Niesel Hammer		Name and Capacity	Sub-Total for A-2 As Evaluated			Sub-Total for A-1 As Submitted	C. LAINIE	D. Skilled Laborer	a, Construction Foreman		Labor	Designation
					luated	mitted	- Company of the Comp			work was the Money day to select the second	Control of the Contro			set	kg	bd.ft	m	Unit		A DO COMPANY OF THE PROPERTY OF THE PARTY OF					ETEROPORTO ON THOU BATTO CONTINUES OF			COLOR DE CONTRACTOR DE CONTRAC			ĺ	2	p# P			•	No. of Units					- maxeman mayoraya dayaya	manazaran manazaran da manazaran da da da da da da da da da da da da da	1		er en en en en en en en en en en en en en	No. of Person/s
						Wildelminkenschedungsbeteinsche Designistenber	anderen eine eine der eine eine Eine eine Gesenderen eine eine		and other modern control of the cont	A COMPANY OF THE PROPERTY OF T	- Ментентиний в применений в при			0.01	0.16	16,00	1,00	Quantity						Managampura		O CONTRACTOR OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE		107.0001	THE RESIDENCE OF THE PROPERTY		0.16	0.16	0.16	0.71	0.04	0.63	No. of Hour/s				o de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	1,00	1,00	1.00		The state of the s	No. of Hour/s
(G.2+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1	rialismin denotico de comentación de la comentación del comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentación de la comentació			and a second second second second second second second second second second second second second second second	en en ser ser ser ser se ser se ser ser ser s			2,500.00	65.00	42,00	436,00	Unit Cost											намин на водинациямина и помена продужена общества и помена в на в	ACTION TO THE PERSON OF THE PE	965.00	150,00	45,45	7,200,00	1 286 00	2 606 00	Hourly Rate			O	oraco de la composición del composición de la composición de la composición del composición de la composición de la composición de la composición de la composición del composición de la composición del composición del composición del composición del composición del composición del composición del composición del composición del composición del composic	45.16	58.01	80.95		on belonging to their filters (abundance)	Hourly Rate
3,456.88		164,61	Ŧ	223.20		279,01		2.790.05		ener en elist Unitarisk erdestretst frankskartenden erdestretsten erdestretstaten erdestreten er		1.175.42	32,02	25,00	10.40	672.00	436,00	Amount (Php.)		1,000	1_614_64	£,53	* 27	3,148,55				2,445.01		70.35	154.40	48,00	7.27	327.20	1,013.72 F27 26	1 615 72	Amount (Php.)				703,54	2/0,94	351,65	80,95	de beneral de mande en esta en esta en en en en en en en en en en en en en	A eurykilyséenskáransyranska artonaratronaratustanaratronaratronaratustustustustustustustustustustustustust	Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II and the

Checked/Reviewed

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Test Piles, Furnished and Driven (400mm X 400mm)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 100.00 ln.m 1.95

Item No./Description

(G.2+H2+I2+J1)
-

1,00
0.01
0.16
16.00
3
Quantity
o.To
0.10
0.11
0.41
0.62
No. of Hour/s
1.00
1.00
1.00
No. of Hour/s

Prepared by:

JERAKO R. BARRERA Engineer II

Checked/Reylewed

ISIDRA A. ESTANISLAO

Engineer IV

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description .. Concrete Railing

240.60 ln.m 0.88

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

	(0.00)	TTD00000000000000000000000000000000000	DESCRIPTION OF THE PROPERTY OF		
5,788.69	(G.1+H1+I1+J1)			Total Unit Cost - As Submitted	SE
*	5% of (G.2+H2+I2)			Value Added Tax - As Evaluated	1
275.65	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	<u> </u>
ī	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
373.77	10%/8% of G.1			Contractor's Profit - As Submitted	L
4	12%/9%/7%/6% of G.1		uated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	LI
467.21	12%/9%/7%/6% of G.1		nitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
				Direct Unit Cost (E.2+F.2) - As Evaluated	
4,672.07				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
		والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة والمرابعة		Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
3,745.82				Sub-Total for F-1 As Submitted	
15.00	2,500.00	0.01	set	g. Oxy/Acetylene	
41.41	68,00	0.61	kg	f. Tie Wire	
11.95	58,00	0.21	kg	e. Assorted CWN	
865.20	42.00	20.60	bd.ft	d. Lumber	
1,000.50	1,380.00	0.73	рс	c. Plywood	F.1
1,308,66	43.00	30.43	â	b. Reinforcing Steel Bar	
503.10	4,300.00	0.12	cu.m	a. Ready Mix Concrete	- I
Amount (Php.)	Onit Cost	Quantity	Chic	Name and Specincation	
			÷	Name and Capalignation	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	i
926,24		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Direct Unit Cost (C.1 +D.1) - As Submitted	-4
				Output per Hour - As Evaluated	D.2
0.88				Output per Hour - As Submitted	
015.09				Total (A.2+B.2) - As Evaluated	_
815 00				Total (A.1+8.1) - As Submitted	2
				Sub-Total for B-2 As Evaluated	2,0
				Equipment	_
138.46				Sub-Total for B-1 As Submitted	
67.66				Minor Tools (10% of Labor Cost)	
4,55	45,45	0.10	Ľ	d. Cutting Outfit	
35.15	351.50	0.10	pak	c. Bar Bender	
21,98	219.75	0.10	1	b. Bar Cutter	2
9.13	91.25	0,10	1	a. Concrete Vibrator	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
. 1					A.2
				LAIVI	
676.64				Sub-Total for A-1 As Submitted	
361,25	45.16	1.00	8	c. Laborer	
234.44	58.61	1.00	4	b. Skilled Laborer	
80.95	80.95	1.00	ň	a. Construction Foreman	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
			No of Bounds	Doctoration	

Prepared by:

Checked/Reviewed

TOTAL

TSIDRA A: ESTANISLAO

Engineer IV

t Weak Bridges - Dionum Bridge (BR01588MN) , Pifian - Mutia Road Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Timber Structure (Craneway) 18,00 span 1,00

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

J.2 Value K.1 Total				L	n.i Over	_L	_	G.1 Direc		F.7	Mate	Sub-	T	d. 25		ξ p. C	a, Coco Tri	Mata		E 2 Direc	┛.			C.1 Total	_	B.2		Sub		Olliffe	2 2	B.1 0. U	a. Tr			-dus	A.2	Labor	i alac	-dus	1	A. I D. Skilled		2	Labor		
Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	ractor's Profit - As Submitted	read, continues a riscellations (Och) - As Evalu	Overhead, Contingencies & Miscellaneous (OCM) - As submitted	Carbond Cartinopering Min-line (Cort)	* I init Cost (F 2+F 2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	41013	rials	Sub-Total for F-1 As Submitted		d. 25mm dia. X 500mm steel bar	nm dia. X 400mm mach. Bolts w/ std. nuts washer	b. Coco Lumber - Floor Planks and Running Board	a. Coco Trunks	Name and Specification	Super chir con (sie 1914) - Us Exdinated	Direct Chit Cost (C.1 +D.2) - As Subillitied	Other tell Locate (D. t. + D. t.) - Vo. G. Promittor	Capar per Hour As Englished	At par Horr. As Submitted	Total (A 2±8 2) - As Subilities	Sub-Total for 8-2 As Evaluated	Total for D 3 As Freshottal	Equipment	Sub-Total for B-1 As Submitted		Pillor Tools (10% of Labor Cost)	Cargo Truck	D. Drop Hammer	Truck Mounted Crane	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated	TO ALT THE ALL AND AND ADDRESS OF THE ALL AND ADDRESS OF THE		TO THE TAX A TAX A TAX AND INCOME.	Sub-Total for A-1 As Submitted		med Laborer	a. Construction Foreman			Designation	The state of the s
ENDINGE VIRGING TO TREATMENT OF THE PROPERTY O	- decomposition des contrates and described and decomposition and			decu	nitted									kg	kg	bd.ft	pc	Unit					mannana Appallo Apparation and a		and the state of t	And the second s			- The state of the	A THE PROPERTY OF THE PROPERTY	1	1	1		No. of Units		(TOTAL CONTRACTOR OF THE PROPERTY OF THE PROP	With the control of t			0	6	-			No. of Person/s	20 marten
TO THE VEHICLE CONTRACTOR AND THE PROPERTY OF	OPERTORE STATEMENT OF THE PROPERTY OF THE PROP	West colors of the second of t		A Committee of the Comm	The state of the s	***************************************								119.17	10.33	2438.83	34,17	Quantity	marana yamaa kanakishi hakisha da amama madan		- Annual Control of the Control of t	The second secon	CANADA CONTRACTOR CONT		A THE STREET, THE PARTY OF THE			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		- Common	0.25	0.25	1.00		No. of Hour/s		07.000000000000000000000000000000000000	general minoral and a second s	And the second s		1,00	1.00	1.00			No. of Hour/s	
5% of (G.2+H2+I2) (G.1+H1+I1+J1)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	1.5/10 04 9/4/ / /0/A/77	12%/9%/7%/6% of G.1									40.00	150.00	15.00	950.00	Unit Cost		- A CONTRACTOR OF THE PROPERTY				осущения —		O VIIII III III III III III III III III			STEROTOR	THE STATE OF THE S	1,212.00	5,000.00	3,127.20		Hourly Rate				With the management of the second of the sec		45.16	58.61	80.95		and the second s	Hourly Rate	esser and an extensive state of the second s
100,125.57	4,767.88		6,464.93	CONTRACTOR OF THE PROPERTY OF	8,081,16		00,11,00	80 811 60			10,001.00	75, 257 50		4,766.67	1,550.00	36,582.50	32,458,33	Amount (Php.)	and the second control of the second	5,454.10		1.00		5,454.10		And the state of t		4,750.55		70,35	303,00	1,250,00	3,127.20	e processos de la companya de la com	Amount (Php.)			HARINGO THE PROPERTY OF THE PR	/03,54		270.94	351.65	80.95		COMPANY MANAGEMENT (COMPANY COMPANY CO	Amount (Php.)	ta tourismente entre de marche de la company de se se se se se se se se se se se se se

Prepared by:

Checked/Reviewed

Replacement of Per nt Weak Bridges - Dionum Bridge (BR01588MN) alon Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

n - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Reinforcing Steel (Grade 40)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 22,201.26 kg 180.00

				TOM: CITE COST TO HTRIMBERT	27.01
	(G.2+H2+12+11)			Total Unit Cost - As Subinitied	3 ?
70 70	(21+7U+7'F) 10 %c			Value Added Fax - As Evaluated	
3,35	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	
	10%/8% of G.1			Contractor's Profit - As Evaluated	
4.54	10%/8% of G.1			Contractor's Profit - As Submitted	1.1
-	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1
5.67	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Sul	1
ţ				Direct Unit Cost (E.2+F.2) - As Evaluated	1
56.73				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
•				Sub-Total for F-2 As Evaluated	
					F,2
				Malerials	
50.70				Sub-rotal for r-1 As submitted	
E1 02				C.t. Tatal for E 1 As C. Innillad	
10.00	77.00	1.00	Z	b. neiliuluilij aksa bai, siaus 40	7.1
35.00	47.00	1.05	NG.	h Beinforcing Chael Bar Grade 40	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Princes Delle Paper (Dir. 1915) 1 to Princeson	
				Direct Unit Cost (C.2 ÷D.2) - As Evaluated	
70				Direct I hit Cost (C 1 +D 1) - As Submitted	
-				Output per Hour - As Evaluated	7 5
*80.00				Output nor Hour - As Submilted	
1,026./2				10tal (A.1+5.1) - As submitted	
				Sub-Total for B-2 As Evaluated	
					33
				Equipment	
467.30				Sub-Total for B-1 As Submitted	
	•				
181,80	1,212.00	0.15	,	c. Cargo Truck	
175.75	351.50	0.50	ш	b. Bar Bender	5,1
109.75	219.50	0.50	-	a, Bar Cutter	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
1 1					A.2
				Labor	1
559.42				Sub-Total for A-1 As Submitted	
361.25	45.16	1.00	α	c. Laborer	1 =
117.22	58.61	1.00	7	D. Skilled Laporer	2
80.95	80.95	1.00) H	a. Construction Foreman	-
				Constitution Const	
				Labor	7
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
_			-		

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reylewed

nt Weak Bridges - Dionum Bridge (BR01588MN) alon Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS ın - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Reinforcing Steel (Grade 60)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 186,413.56 kg 180.00

	(0.51161616)			Total Offic Cost - As Evaluated	7.4
2,21	(G.1+D1+11+11)			Total Unit Cost - As Submitted	3 2
77 00	5% of (G.2+H2+12)			Value Added Tax - As Evaluated	1.2
3,47	5% of (G.1+H1+I1)			Value Added Tax - As Submitted	3.1
	10%/8% of G.1			Contractor's Profit - As Evaluated	1.2
4.71	10%/8% of G.1			Contractor's Profit - As Submitted	1
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	- 1
5.88	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Sul	
, ,				Direct Unit Cost (E.2+F.2) - As Evaluated	G 2
58.83				Direct Init Cost (E 1+E 1) - As Submitted	2
1				Cub. Total for F.2 As Evaluated	
					F.2
				Materials	
53,13				Sub-Total for F-1 As Submitted	
51.45	49.00	1.05	ķĝ	b. Reinforcing Steel Bar, Grade 60	F.1
1.68	80.00	0.02	kg	a. Tie Wire	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
*				Direct Unit Cost (C,2 +D,2) - As Evaluated	L.
5.70				Direct Unit Cost (C.1 +D.1) - As Submitted	
				Output per Hour - As Evaluated	
180.00				Outruit ner Hour - As Submitted	<u>.</u> כ
1,026.72				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	1
					8.2
				Equipment	
467.30	A THE RESIDENCE AND A SECURITY OF THE PROPERTY	Compression of the state of the State of the		Sub-Total for B-1 As Submitted	
	A THE PERSON NAMED OF THE		AND THE PROPERTY OF THE PROPER		
181,80	1,212.00	0.15	1	c. Cargo Truck	
175.75	351.50	0.50	1 -2	b. Bar Bender	5.1
109,75	219,50	0.50	ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA ANTONINA AN	a, Bar Cutter	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
7					A.2
1				Labor	
559.42				Sub-Total for A-1 As Submitted	
r					
	2.10	1.00	C	** FERFAL S.	
3C 13C	26.6L	1 00	2	D. SMIRU LOUVIE	<u>}</u>
80.95	80.95	1.00) 9-	a. Construction Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

ISIDRA A. ESTANISLAO

Engineer IV

nt Weak Bridges - Dionum Bridge (BR01588MN) alon Tamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Structural Concrete, fc'=27.58 Mpa

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ** ** ** 1,765.88 cu.m 1.40

Note: Use Two (2) geng

5 ?	4-			_	1,-	<u> </u>	1	ш		F.2				T =	1.2	1		2. 1			ת קיין דיין		┸-	4_	<u>C</u> 1	Ļ.,	8.2					B.1	I			A.2	7		T=				A.1 E		· · · · · · · · · · · · · · · · · · ·			
Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	f. Gravel	e. Sand	d. Cement	c. Assorted CWN	b. Marine Plywood	Materials a. Lumber, Good	Name and Specification	PARTIES AND AND AND AND AND AND AND AND AND AND	Direct Unit Cost (C.2 +D.2) - As Svahinted	Output per hour - As evaluated	Output per Hour - As Submitted	Total (A.2+8.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools (5% of Labor Cost)	p. Official violator	a. One Bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b, Laborer	a. Skilled Laborer	Installation/Removal of Formworks	c, Laborer	b. Skilled Laborer	a. Construction Foreman	LABOT		Designation	
					luated	mitted							cu.m	cu.m	bag	Š	20	bd.ft	Unit											7	۸ د	2		No. of Units					16	8		16	8	F-L			No. of Person/s	
													1.00	0.50	9.50	0.70	0.40	17.50	Quantity											0.10	0 10 00.1	1.00		No. of Hour/s					1,00	1,00		1.00	1.00	1.00			No. of Hour/s	
(G.2+H2+I2+J1)	5% of (G.2+H2+12)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,357.00	1,323.00	292.51	78.00	1,247.00	37.00	Unit Cost											2,450.00	2 VEU UU	172.00		Hourly Rate					45.16	58.61		45.16	58.61	80.95			Hourly Rate	Motes (Ise Two (2) dend
	10 600 00	505.75		685,77		857.21	_	8,572.09	r			5,898,25	1,357.00	661.50	2,778.85	54,60	498.80	647.50	Amount (Php.)		100000	7 572 94	1,40		3,603,38			17 100	1,139,68	123.18	00 000	344.00		Amount (Php.)		4		2,463.69	722.50	468,87		722,50	468.87	80.95		(redex of money and	Amount (Php.)	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Replacement of Perma

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga dei Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutla Road

FORM-POW-2015-01D-00

Item No./Description --Prestressed Structural Concrete Member, Type IV-B

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 16.00 each 1.00

	(G.2+H2+I2+J1)			Total Unit Cost - As Evaluated	K.2
1,029,166,35	(G.1+H1+11+J1)			Total Unit Cost - As Submitted	χ.
	5% of (G 2+H2+T2)			Value Added Tay - As Evaluated	7,
	5% of (G 1+H1+T1)			Value Added Tay - As Submitted	I
	10%/8% of G.1			Contractor's Profit - As Submitted	3 =
	12%/9%/7%/6% of G.1		luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	
	12%/9%/7%/6% of G.1		mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	1
				Direct Unit Cost (E.2+F.2) - As Evaluated	
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for E-2 As Evaluated	i
				Materials	F.2
				Sub-Total for F-1 As Submitted	
					7.1
	27,000.00	30.00	т	Materials a. PSCG Type IV-B	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 +D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 ÷D.1) - As Submitted	<u>t</u> l
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A.1+D.1) - As Sublinted	3 5
				Sub-Total for B-2 As Evaluated	?
					8.2
				Equipment	
				Sub-Total for 8-1 As Submitted	
				Minor Jools (10% of Labor Cost)	
	1,249.00	3.50	1	b. Dolly	
	2,151.00	3.50	2	a. Crawler Crane	3D ~~
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
	58.61	3.50	4	b. Skilled Laborer	A.1
	80.95	3.50	1	a. Construction Foreman	
				EXECUTE AND THE PROPERTY OF TH	
				a trace	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s No. of Hour/s	Designation	

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Replacement of Perma

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Lean Concrete for RCBC

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

24.41 cu.m 1.40

J.2 Val	_	1					G.1 Dire	Sub	F.2	Mat	VIE.) .	e.S	d. C		т О М	a. Li	Ma.						_	C1 T00	dus	B.2		F 5	2 3	2 5	5 5	B.1 d.	區		Sub	A.2	Labor	Sub		7.5	A.1 b. S	a. C	Labor	:	
Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated		Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		riderias	Sub-Total for F-1 As Submitted	r. Gravei	e. Sand	d. Cement	c. Assorted CWN	b. Marine Piywood	a. Lumber, Good	erials	Name and Checification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipalent	recent	Sub-Total for R-1 As Submitted	water frack/rullp	Water Trick/Birms	d. Olle bagger Mixer	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Of	Sub-Total for A-1 As Submitted		c, Laborer	b. Skilled Laborer	a. Construction Foreman	Of		Designation
				uated	mitted							cu.m	cu.m	bag	kg	pc	bd.ft	CIE	- h												-	4	1		No. of Units						8	4	J		no. or resemps	No of Person/s
												1,00	0.50	9.50	0.70	0.40	17.50	Qualitity	Ouantity												01.0	1.00	1.00		No. of Hour/s						1.00	1.00	1.00		no. of Houl/s	No of Hour/s
5% of (G.2+H2+I2) (G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1							1,357.00	1,323,00	292.51	76.00	790.00	37.00	Othe Cose	linit Cost												2,450.00	C2.16	1/2.00		Hourly Rate						45.16	58.61	80.95		roury sacc	Hourly Date
8,282.17	394,39		534,77	t.	668,46	1	6,684.56				5,814.05	1,357.00	661.50	2,778.85	53,20	316.00	647.50	Alibelie (riib.)	Amount (Dhn)	i	870.51	1	1,40		1,218.72				00.74.0	33,83	00.652	00 3VC C7'T6	00.271		Amount (Php.)			Methods of the state of the sta	676,64		361,25	234,44	80,95		Salizanie (Lib.)	Amount (Dhn)

Prepared by:

JERALO R. BARRENA Engineer II

Checked/Reviewed

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Elastomeric Bearing Pads

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 16.00 each 1.00

No. of Person/s No. of Hour/s Hourly Rate 1 0.25 80.95 2 0.25 58.61 1 1.00 500.00 1 1.00 500.00 Unit Quantity Unit Cost each 1.00 10,100.00 each 1.00 10,409%/7%/6% of 6.1 10%/9%/7%/6% of 6.1 10%/9%/7%/6% of 6.1 10%/9%/7%/6% of 6.1

Prepared by:

Checked/Reviewed

Replacement of Perma

Weak Bridges - Dionum Bridge (BR01588MN) a Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Premoided Expansion Joint Filler with Sealant

9.72 cu.m 25.00

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

	_	3			H.2			6.1		F.)	100	, ,		 	 <u>.</u> .	 	Ti	سرت ا در		E.2 C		ш	_	C.2 T	_		8,2	, CV		1		m l		53	A.2		ol o	Te		<u> </u>	-1	
Total Unit Cost - As Evaluated	Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	CultudCUr's Froit: - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencles & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E,1+F,1) - As Submitted	Sub-Total for F-2 As Evaluated	Materials	Sub-Total for F-1 As Submitted						en der est i 11 st.	Materials a. Joint Filler	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	Equipment	Sub-Total for B-1 As Submitted			Minor Tools (10% of Labor Cost)	Fautoment	Name and Capacity	Sub-Total for A-2 As Evaluated	LADVI	Sub-location A-1 As Southfuled	C. Laborer	o. Skilled Cappier	a. Construction Foreman	7818 V)	tahor	Designation
					uated	nitted										and define ere emine die edikke erdierlich sereschieredik w		מינים	Unit														No. of Units				2) 1-	. .			No. of Person/s
																	1120	1 00	Quantity														No. of Hour/s				1.00	1.00	1.00			No. of Hour/s
(G.2+H2+I2+J1)	(G.1+H1+I1+J1)	5% of (G.2+H2+I2)	10, of (G 14H1+11)	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1											710.00	500.00	Unit Cost														Hourly Rate				45.16	58.51	80.95			Hourly Rate
	632.03		30 10	40.81		51.01	,	510.11	ŀ		500.00	3	1	1	1	7		500.00	Amount (Php.)	*	10.11	¥	25.00	1	252.86			22.99			22.99		Amount (Php.)		ŀ	19.627	90.31	58.51	80.95			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewed

Replacement of Perm

t Weak Bridges - Dionum Bridge (BR01588MN) Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

y Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Expansion Dam for Bridges (Steel)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 3.00 set 0.01

<u> </u>	1.2	J.1	1.2	1.1	H.2	I.I	G2	6.1		F.2		Γ				į	π.				E.2	E.1	D.2	D,1	C.2	C.1	5	я Э				2.2	Z:				A.2	******		 		A.1			
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted		Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	Miscellaneous (5% of Materials)	e. Oxy/Acetylene	d. Welding Rod	c. 20 mm Plain (Rod) Bar	b. Structural Steel - Angular Bar	a. Structurai Steel - MS Plate	Materials	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	Equipment	Sub-Total for B-1 As Submitted	THIRE I SOS (40 /0 OF EMPOR COSE)	Minor Tools (10% of Labor Cost)	c. Cutting Outil	a, Iruck Mounted Crane	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		c. laborer	b. Skilled Laborer	a. Construction Foreman	Labor	Designation
					uated	nitted								set	κg	kg	kg	Š		Unit											2	2	3		No. of Units						6	6	H		No. of Person/s
														0.50	0.75	25.44	446.51	899.22		Quantity											0.33	0.33	1.00		No. of Hour/s						1.00	1.00	1.00		No. of Hour/s
(G.1+H1+I1+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								2,500.00	166.00	40.00	48,00	47.00		Unit Cost											45.45	539.00	2,606.00		Hourly Rate						45.16	58.61	80.95		Hourly Rate
548,179.92	Ą	26,103,81	-	35,394,99	- 1 ou -	44,243,74		442,437.39				69,391.86	3,304.37	1,250.00	124.50	1,017.40	21,432.36	42,263.22		Amount (Php.)		373,045,53	•	0.01	7, 10, 10	3.730.46			3,026.91	33,18	30,00	355./4	2,606.00		Amount (Php.)		7		703.54		270.94	351.65	80.95		Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

t Weak Bridges - Dionum Bridge (BR01588MN) J Piñan - Mutia Road Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

Item No./Description Forms and Falsework

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

1.00 ls 1.00

K.2		1	1.2 C	I.1 C	H.2 C	H.1 C		I	2	 	*	ري ارئ		1,7		<u>p</u> •	-Z-1		E.2 D	L	D.2 C	D.1 C	L	CIT	L	B.2	71 (al .		· ·	B.1 b	انوا	ml		to	A.2		· W	<u> </u>	ГТ	Ιn	A.1		-1,		
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted			Miscellaneous (5% of Materials Cost)	a. Steel Scalfoldings	Materials	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	ub-Total for B-2 As Evaluated	repulsive in	Farinment	At Total for R-1 As Cubmitted		Minor Tools (10% of Labor Cost)	. Dumptruck (Removal)	a. Cutting Outfit (Installation)	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted			, Laboret	b. Skilled Laborer	a, Construction Foreman	ASIS VE	Lahor	Designation
					uated	nitted										S		Unit													3	1	والأواد والمدارات والموادية	No. of Units							15	15	L			No. of Person/s
																1.00		Quantity													0.67	0.67		No. of Hour/s							1.00	1,00	1,00			No, of Hour/s
(G.2+H2+I2+J1)	5% of (G,2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1									1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	200.000.00		Unit Cost													1,420.00	45.45		Hourly Rate		MANUAL MINISTRAL CONTRACTOR OF THE PROPERTY OF					45,16	58.61	80.95			Hourly Rate
265,995.73		12,666.46	r	17,174.87	L	21,468.58	a a	214,685.82	•			210,000,00	1	***	10,000,00	200,000.00		Amount (Php.)		4,685.82		1.00		4,685.82			5,048.39	200		163.74	2,854.20	30.45		Amount (Php.)				1,637.43			677.34	879.13	80.95			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

ent Weak Bridges - Dionum Bridge (BR01588MN) alo Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

ĭan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Grouted Riprap, Class "A"

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated -- -- --2,881.08 cu.m 1.25

Note: Use Two (2) gang

<u> </u>	٠.	┷	1.2 C	L	H.2 C		L	G.1 D	S	F.2	_	S	3	<u> </u>	o O	<u></u>	F.1 c	ġ.	ğı √2∗		<u> </u>		<u> </u>			C.1 T	S	B.2 -	[m	Ş	 3	В.1 Б	ı lü	1	t		A,2	TE:	ŝ	,	ান	A,1 b.	[<u>6</u> 1	l e	 T	
Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated		Materials	Sub-Total for F-1 As Submitted	Miscellaneous (1% of Materials Cost)	f. Boulder	e. Filter Cloth	d, Weep Holes	c. Gravel Fill	b. Sand	Materials a, Portland Cement	Name and Specification	Direct Unit Cost (C.2 ÷D.2) - As Evaluated	Direct Unit Cost (C.1 ÷D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated		Equipment	Sub-Total for B-1 As Submitted	Minor Tools (10% of Labor Cost)	b. Water Truck/Pump	Equipment	Name and Capacity	Sap-Total Iol W-5 Wa Evaluated	th Total for A 3 As Statistical		Labor	Sub-Total for A-1 As Submitted		c. Laborer	b. Skilled Laborer	a. Construction Foreman			Designation
					uated	nitted								cu.m	sq.m	m	cu.m	cu.m	bag	Unik												2	3	No. of Units							16	4	1			No, of Person/s
														1.05	0.02	0.30	0.02	0.21	2,50	Quantity												0.05	1 00	No. of Hour/s			***************************************				1.00	1.00	1.00			No. of Hour/s
(G.1+H1+11+J1) (G.2+H2+I2+J1)	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1								1,481.00	160.00	133.00	1,357.00	1,323.00	292.51	Unit Cost												2,450.00	172 00	Hourly Rate							45.16	58.61	80.95			Hourly Rate
5,002.61		238.22		323,01		403,76		4,037.62	The state of the s			2,653,08	26.27	1,555.05	2,40	39.90	20.36	277.83	731.28	Amount (Php.)		1,384.54		1,25		1,730.67				692.79	103.79	245.00	3.44.00	Amount (Php.)		,	k		1,037.89		722.50	234.44	80.95			Amount (Php.)

Prepared by:

JERALD R. BARRERA Engineer II

Checked/Reviewea

ISIDRA A. ESTANISLAO

Engineer IV

ent Weak Bridges - Dionum Bridge (BR01588MN) alo Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

FORM-POW-2015-01D-00

ian - Mutia Road

Item No./Description Handlald Rock Embankment

8,466.20 cu.m 3.13

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

Note: Use Five (5) gang

5% of (G.1+H1+I1) 5% of (G.2+H2+I2) (G.1+H1+I1+J1) (G.2+H2+I2+J1)				Value Added Tax - As Submitted Value Added Tax - As Evaluated Total Unit Cost - As Submitted Total Unit Cost - As Evaluated
				Contractor's Profit - As Evaluated Value Added Tax - As Submitted
1.6.	Adirated	Adination		Contractor's Profit - As Submitted
	ubmitted	ubmitted	, I⊊	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
			4	Direct Unit Cost (E.1+F.1) - As Submitted Direct Unit Cost (E.2+F.2) - As Evaluated
				Sub-Total for F-2 As Evaluated
				Materials
				Sub-Total for F-1 As Submitted
			- 1	
			1 1	
			1 1	
cu.m 1.05 1,481.00		cu.m		a. Boulders
				Materials
Unit Quantity Unit Cost	······································	Unit		Name and Specification
				Direct Unit Cost (C.2 +D.2) - As Evaluated
			-	Direct Unit Cost (C.1 +D.1) - As Submitted
				Output per Hour - As Evaluated
				Total (A.2+B.2) - As Evaluated
			 	Total (A.1+B.1) - As Submitted
			-	Sub-Total for B-2 As Evaluated
			1	Equipment
			<u> </u>	Sub-Total for B-1 As Submitted
			\vdash	Minor Tools (10% of Labor Cost)
			-	
			+	
			\vdash	Equipment
No. of Units No. of Hour/s Hourly Rate		No. of Units		Name and Capacity
			+-+	Sub-Total for A-2 As Evaluated
				Labor
			4	Sub-iotal for A-1 As Submitted
				7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
1.00		40		c. Laborer
1.00		10		b, Skilled Laborer
1 1.00 80.95		p.		a, Construction Foreman
				Labor
No. of Person/s No. of Hour/s Hourly Rate	-	No. of Person/s		Designation
╗	_			

Prepared by:

JERALD R. BARRERA Engineer II

t Weak Bridges - Dionum Bridge (BR01588MN) Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

j Piñan - Mutia Road

FORM-POW-2015-01D-00

•• Reflectorized Thermoplastic Pavement Markings (White)

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 96.00 sq.m 25.00

Item No./Description

	J.2 Value			1	H.2 Overh		G.2 Direct	G.1 Direct	Sub-T	F.2	Materials	Sub-T	Miscell	ξ <u>Ω</u>	e :		F 1 C Primer	7 G G	Materials	The state of the s	E.2 Direct	4	- !	_1	.L	<u> </u>	ž	в.2	Equipment	1-000	C A T	C. KSK		B. 1 a. Car	Equipment		Sub-T	A.2	Labor	- Jub-I		c, Laborer	A,1 b, Skill		Color	- Awr	
Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	ead, Contingencles & Miscellaneous (OCM) - As Subn	Direct Unit Cost (E.2+F.2) - As Evaluated	Direct Unit Cost (E.1+F.1) - As Submitted	Sub-Total for F-2 As Evaluated	san(a) бол бол бол бол шан инабашка анашан инун шүүн шүүн аруу 100 бол бол бол бол бол бол бол бол бол бол	(A)(S	Sub-Total for F-1 As Submitted	Miscellaneous (5% of Materials Cost)		e. LPG (12 kg)		o Primar	h Glace Reade	idis	Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	Direct Unit Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	(A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	man men per grafic for the later and the second second second second second second second second second second	1101C	Sub-rotal for b-1 AS Submitted	Minor loois (10% of Labor Cost)	c. Kneading Machine	Applicator Machine	a. Cargo Truck/Delivery Truck	ment	Name and Capacity	Sub-Total for A-2 As Evaluated			Sub-Total for A-1 As Submitted		OF CY	led Laborer	a, Construction Foreman	Ментер (— Мен	Newscommental Complete Complet	Designation
SENSORA LEGISLACIA de Labora de Labora de Labora de Labora de Labora de Labora de Labora de Labora de Labora d Estado en labora de Labor	n - on the late - on the property of the state of the sta		Petropological and the Calculation Control Con		uated	nltted		Commission of the Commission o	A POPULATION AND STATE OF STAT	The state of the s	en en en en en en en en en en en en en e			KO	W.	20	Pag	hao Dag	5	Unit	The district of the second of			ORDINATION DE LA COMPANION DE								₩	1	1		No. of Units						6	2	1	A STATE OF THE PARTY OF THE PAR	or community of the same of th	No. of Person/s
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(G.1+H1+I1+J1)	5% of (G,2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/5%/7%/6% of G.1		esso(d))Selection of the contract of the contr	Bild (1889) de milita de la seguira de 2000 de marco de militar de 2000 de 2000 de 2000 de 2000 de 2000 de 200	SSP_GGTHSQLS}QLGTsAbbbcdabackies_harcons=datas===skeupaasons==	Sibilité du de monobaldo es en domo cumo es outro qua o nome un numa		# 1 + +	5.00	50.00	100.00	2,300,00	1,383.00	4 707 00	Unit Cost	ender de la composition della		9500000H10000004-1	en en en en en en en en en en en en en e				THE PERSON NAMED AND PARTY OF THE PE	THE PROPERTY OF THE PROPERTY O			187.50	93.75	1,212.00		Hourly Rate					Paracona estatura de la famili	45.16	58.61	80,95		A STATE OF THE PROPERTY OF THE	Hourly Rate
906.57	THE DESIGNATION OF THE PROPERTY OF THE PROPERT	43.17	Hardward (16 a. 1.)	58,54	ACTION OF THE PROPERTY OF THE	73.17	*	731,70	AND THE PROPERTY OF THE PROPER	A rest and the state of the sta	A THE THE PASS OF	651,33	31.02	0.20	0.00	00.17	00.30	07 50		Amount (Php.)	and the second s	80.37		25,00		2,009.27				1,540,16	46,91	187.50	93.75	1,212.00		Amount (Php.)		, , , , , , , , , , , , , , , , , , ,		469.11	A THE STATE OF THE PROPERTY OF	270,94	117.22	80,95	ADDERSON OF THE PROPERTY OF TH	WORKS GEOGRESS CONTRACTOR OF THE PROPERTY OF T	Amount (Php.)

Prepared by:

t Weak Bridges - Dionum Bridge (BR01588MN) Zamboanga del Norte DETAILED UNIT PRICE ANALYSIS

j Piñan - Mutia Road

FORM-POW-2015-01D-00

Item No./Description Reflectorized Thermoplastic Pavement Markings (Yellow)

Unit of Measurement 72.00 sg.m

Output per hour-As Evaluated	Output per hour-As Submitted	Our or medadicilization
		-
,	50,00	72.00 Sq.III

	J.2 Value Add			1_		1.		O Direct OII			E 2	Sub-Total	Miscellanec	f. Calsumine	e. LPG (12 kg)	d. LPG (50kg)	F.1 c. Primer	b. Glass Beads	a. Thermoplastic	Materiale		E.2 Direct Uni		D.2 Output pe			C.1 Total (A.1	Sub-Total	В.2	Edubilien	Sub-jora	Minor Tox	c. Knead		B. 1 a. Cargo	Equipmer		Sub-Tota	A.2	Labor	Sub-Total			A.1 b. Skilled Laborer	a. Construc	Labor	A STATE OF THE PARTY OF THE PAR	moonizesementeesementeesementeesementeesementeesementeesementeesementeesementeesementeesementeesementeesemente
Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	CONTACTOR'S PROTE - AS Evaluated	Contractor's Profit - As Submitted	, Contingencies & Miscellaneous (OCM) - As Evalu	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	It COST (E.Z+F.Z) - AS EVAIUATED	Direct Clar Cost (E.1TF.1) As First and integral	Direct Linit Cost (E 1 + E 1) - As Cubmitted	for F-2 As Evaluated		Sub-lotal for F-1 As Submitted	Miscellaneous (5% of Materials Cost)	10		kg)		ads	plastic Paint (Yellow)		Name and Specification	Direct Unit Cost (C.2 +D.2) - As Evaluated	lt Cost (C.1 +D.1) - As Submitted	Output per Hour - As Evaluated	Output per Hour - As Submitted	Total (A.2+B.2) - As Evaluated	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated			South of B-1 AS Submitted	Minor Tools (10% of Labor Cost)	c. Kneading Machine	b. Applicator Machine	a, Cargo Truck/Delivery Truck)(Name and Capacity	Sub-Total for A-2 As Evaluated			Sub-Total for A-1 As Submitted			_aborer	a. Construction Foreman			Decimation
	en-en-en-tourous accumulations de en-en-en-	The state of the s	***************************************	A THE STANK SEPECIAL SECURE OF THE STANK SECURE OF THE SECURE OF THE SECURE OF THE SECURE OF THE SECURE OF THE SECURE OF THE S	lated	nitted		eco-control m. i.e.	noocoopment and a second	ESPERATURE COLOR C	unite control and a second			κο	cyl	cyl	ltr	bag	bag	A TOTAL OF THE PROPERTY OF THE	Unit								A STATE OF THE PROPERTY OF THE	menter de la company de la com	manage of the second second second second second second second second second second second second second second		1		1		No. of Units	- Property Constitution (Constitution (Const	To complete the state of the st	TO CONTROL TO SECURE			6	2	1	veneración de la ferración de la company de la company de la company de la company de la company de la company	WO. OI FOISOII/S	No of Devento
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	5% of (G.2+H2+I2)	5% of (G.1+H1+I1)	10%/8% of G.1	10%/8% of G.1	12%/9%/7%/6% of G.1	12%/9%/7%/6% of G.1	The state of the s	THE CONTRACTOR OF THE CONTRACT		TO THE THIRD PROPERTY OF THE PARTY OF THE PA	The state of the s	o was a supplementation of the supplementatio		5,00	50.00	90.00	180,00	2,500.00	1,585,00	e 1918 de la compresenta del compresenta della c	Unit Cost										A STATE OF THE PROPERTY OF THE		187.50	93.75	1,212.00	to successful formation of the last	Hourly Rate		ON STATEMENT OF THE STA				45 16	58.61	80.95	A COLUMN TO STATE OF THE PROPERTY OF THE PROPE	nourly kate	
856.78	**************************************	40,80	CONTRACTOR CONTRACTOR	55,32	CONTRACTOR AND AND AND AND AND AND AND AND AND AND	69,15	THE PERSONAL PROPERTY OF THE PERSONAL PROPERTY	691.51	1	A THE THE PROPERTY AND PROPERTY	CANDERO MICHAELEN	651,33	31,02	0,63	0,10	0.36	21.60	82.50	515.13	Comments of the Comments of th	Amount (Php.)		40,19	A COMPANY OF THE PROPERTY OF T	50.00		2,009.27			NOTICE THE PROPERTY OF SHAPE O	1,540.16	46,91	187.50	93.75	1,212,00	- H-MOH-W-	Amount (Php.)			TO THE THE THE THE THE THE THE THE THE THE	469,11		770 94	117 22	80 05	odný spolýkom dom se mesta se nese v statem spravine spolýkolok kolýkom se nesmena se nesmena se nesmena se ne	Amount (Php.)	

Prepared by:

UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the District Office to Site

Quantity Item No ALL AGGREGATES 1,000.00 Unit Hauling Distance Terrain cu.m. Flat to Rolling <u>K</u>3.

Effective Working Hours 5.00 8.00

Hauling

Unit Weight of Course Aggrgates Using 10.00 cu.m. capacity Dumptruck Weight of Dumptruck (cap. 10.00 cu.m.) Unit Weight of Fine Aggragtes 16,000.00 1,640.00 1,534.00 kgs kg/cu.m. kg/cu.m.

Maximum Volumeto be Carried per DT 11.57 cu.m.

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

Speed when loaded : 30.00 kph

Speed when unloaded : 40.00 kph

Loaded Running ŧ 5.00 30.00 60,00 i <u></u> mins,

Unloaded Running 5.00 × 0.0 60.00 H 7.5 mlns.

Capacity of Dumptruck Loading & Unloading 11 11 11 10.00 5.00 mins.

Total Cycle Time 22.50 mins. cu.m.

No. of trips for Dumptruck per day H 8,00 22.50 60.00 11 21.33 trips

Dumptruck Daily Outpout Using 4 Dumptruck 11 11 10.00 213.33 $\times \times$ 21,33 4.00 11 11 213,33 853,33 cu.m. cu.m.

No. of Days for Dumptruck П 853.33 ,000.00 П 1.17 days

EQUIPMENT USED: (2009 ACEL RATES)

rapor Equipment Grand Total **Unit Cost** Estimated Quantity 4.00 - Unit Dumptruck **©** סר ס O T 50,700.00 50,700.00 1,000.00 10.14 10,816.00 cu.m. /cu.m/km. (unit cost hauling per cu.m. per km.) day \times 1.17 days Sub-Total 11 0 0 50,700.00 50,700.00

ZAMBOANGA DEL NORTE 3RD DEO (using 3rd Quarter 2018)

Equipment

T

Cost of Embankment, Selected Borrow	Cost of Embankment, Common Borrow	Cost of Boulders	Cost of Item 300 Materalls	Cost of Item 201 Materalls	Cost of Item 200 Materalls	Cost of Coarse Aggregates	Cost of Fine Aggregates	
10.00	10.00	50.00	50.00	50.00	50.00	50.00	50.00	Hauling Distance
×	×	×	×	×	×	×	×	
10.14	10.14	10.14	10.14	10.14	10.14	10.14	10.14	Unit Cost per cu.m/km
it	H	11	Ħ	It	II	11	H	
101.40	101.40	507.00	507.00	507.00	507.00	507.00	507.00	Hauling Cost per km.
+	+	+	+	+	+	+	+	
500.00	340.00	974.00	775.00	650.00	650.00	850.00	816.00	Unit Price
11	[]	II	Ħ	IJ	H	11	H	
601.40	441.40	1,481.00	1,282.00	1,157.00	1,157.00	1,357.00	1,323.00	Unit cost per cu.m.

UNIT COST DERIVATION FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

120,000,07	1 W F The Temperature of the Control
100 000 04	TOTAL
The state of the s	
	The state of the s
+	Stone Masonry
7,202.70	Grouted Riprap, Class "A"
2,185.00	Precast Concrete Piles, Driven
95,772.00	Precast Cancrete Piles, Furnished
231.90	Lean Concrete for RCBC
16,775.86	Structural Concrete, fc'=27.58 Mpa
6,166.41	Portland Cement Concrete Pavement
t	Portland Cement Concrete Pavement
	CONTRACTOR OF THE PROPERTY OF
Quantity (Bags)	Description

Quantity 11 128,333.87 Bags

Delivery Charge П 0 0.12 /bag/km

20,000	PROJECT SITE
	≹amboanga del Sur 2nd DEO
HAULING DISTANCE	SITE

Average Hauling Distance from source to assumed stockpilling area:
 say 55.00 km.

Delivery Charge Delivery Charge 11 11 סדיסד 0.12 6.60 /bag/ 55.00

* Delivery Truck 128,333.87 20,000.00 500.00 bags, (capacity per haul) bags (hauling works) kgs., (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 : 30.00 kph

Speed when unloaded 40.00 호 ŝ

Loaded Running 55.00 30.00 × 60.00 11 10 mins,

Unloading Running [] 55.00 60.00 82.5 mins.

Capacity of Dumptruck Loading & Unloading Total Cycle Time 11 11 500.00 45,00 8.00 40.00 mins. bags cu.m.

Iŧ

237.50

mins.

No. of trips for Dumptruck per
$$\frac{8.00 \times 60.00}{237.50}$$
 = 2.02 trips

Dumptruck Daily Outpout =
$$500.00 \times 2.02 = 1.010.53 \text{ cu.m.}$$

Using 4 Dumptruck = $1.010.53 \times 4.00 = 4.042.11 \text{ cu.m.}$

No. of Days for Dumptruck =
$$\frac{128,333.87}{4,042.11}$$
 = 31.75 days

LABOR:

Estimated Quantity 128,333.87 Bags

Unit Cost Grand Total Materials Labor Delivery Cost סיסיסיס 292.51 37.539,005.61 36,575,152.10 116,849.99 847,003.52