

ONAL OFFICE IX

PROGRAM OF WORK/BUDGET COST

										FORM POW-2015-01-00
Project	3	Road Widening of Primary Roads, Pagadian - Zamboanga	City Road			Net Length	: (a) Road	2,	422.97 In.m	4.85 lane km
							(b) Bridge			
			-/		_		(c) Others			
Project ID	;					Target Start Date	:			
Location	:	Zamboanga City				Total Project Duration	:	208	Calendar Days	
Station Limits	;	K1865+097.03 - K1866+000.00, K1866+080.00 - K1866+940.00, K	1867+040.00 - K1867+700.00			No. of Pre-determined	:	27	Calendar Days	
Source of Funds	:	CY-2019			_	Unworkable Days	:	21	Calendar Days	
					1	AS SUBMITTED	T		AS EVAL	UATED
	DI	ESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT CO	ST	% TOTA	AL 1	TOTAL DIRECT COST

	DECORPTION OF WORKS TO BE DONE	OUANTTTV	HOLYT		AS SUBMITTED	,	AS EVALUATED
	DESCRIPTION OF WORKS TO BE DONE	QUANTITY	UNIT	% TOTAL	TOTAL DIRECT COST	% TOTAL	TOTAL DIRECT COST
PART	A: Facilities for the Engineers			1.23%	982,206.74		
	B: Other General Requirements			1.25%	995,191.75		
	C: Earthworks			19.12%	15,242,327.95		
	D: Subbase and Base Course			19.36%	15,440,739.61		
	E: Surface Courses			52.01%	41,472,426.30		
	F: Bridge Construction			0.00%	-		
	G: Drainage and Slope Protection Structures			2.79%	2,223,167.40		
	H: Miscellaneous Structure			4.24%	3,380,690.52		
					1		

100.00%

79,736,750.28

EQUIPMENT:

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

BREAKDOWN OF EXPENDITURES:

	AS SUBMITTED	AS EVALUATED
1. Labor	1,323,228.54	
2. Materials	65,832,054.48	
3. Rental of Equipment	12,581,467.25	
4. Provisional Sum/Daywork		
5. OCM and Profit	14,142,205.64	
6. Value Added Tax	4,693,947.80	
7. EAO, 3.5%	3,450,051.63	
8. RROW Acquisition	10,000,000.00	
9. Physical Reseved (Contigency)	577,044.66	
10. TOTAL ESTIMATED COST	112,600,000.00	

	AS SUBMITTED	AS EVALUATED
A. Total Direct Cost	79,736,750.28	
B. OCM and Profit	14,142,205.64	
C. Value Added Tax	4,693,947.80	
D. Total Construction Cost	-	
E. Eng'g. & Administrative Overhead	3,450,051.63	
F. RROW Acquisition	10,000,000.00	_
G. Physical Reserved (Contingency)	577,044.66	
H. TOTAL ESTIMATED COST	112,600,000.00	

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II

Maintenance Division

Checked/Submiletd by:

Engineer IV

Maintenance Division

Evaluation:

Reviewed by:

District Engineer

Planning & Design Division

Approval:

Recommending Approval

KHADAFFY B. TANGGOL

OIC-Assistant Regional Director

Approved:

Regional Director



FORM POW-2015-01A-00

ITEMIZED BREAKDOWN

						DIRECT	COST		TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QUAN	AITIA	UNIT	TOTA	AL	UNIT	COST	TO	TAL	COST
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATE
PART A	Facilities for the Engineers										
A.1.1(3)	Construction of Field Office for the Engineer	1.00		L.S.	440,010.42		440,010.42		545,172.92		0.55%
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field Engineer	1.00		L.S.	289,473.33		289,473.33		328,262.76		0.36%
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service Vehicle for the Engineer	6.93		month	241,676.96		34,857.25		36,600.12		0.30%
	TOTAL OF PART A				971,160.72						1.22%
PART B	Other General Requirements					- 1					
B.4(1)	Construction Survey & Staking	2.42		km.	104,706.39		43,214.07		53,542.23		0.13%
B.5	Project Billboard/Signboard	4.00		each	18,337.96		4,584.49		5,680.18		0.02%
B.7	Occupation Safety & Health	6.93		month	251,636.40		36,293.71		41,157.07		0.32%
B.9	Mobilization & Demobilization	1.00		L.S.	590,975.00		590,975.00		620,523.75		0.74%
	TOTAL OF PART B				965,655.75						1.21%
PART C	Earthworks		e de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición dela composición de la composición dela com								
103(1)a	Structure Excavation	324.00		cu.m.	74,764.00		230.75		285.90		0.09%
103(3)	Foundation Fill	7.00		cu.m.	19,537.12		2,791.02		3,458.07		0.02%
103(6)a	Pipe Culverts and Drain Excavation	96.00		cu.m.	22,152.30		230.75		285.90		0.03%
104(1)a	Embankment from Roadway Excavation	19,297.00		cu.m.	4,455,705.34		230.90		286.09		5.59%
104(2)a	Embankment from Borrow	17,736.00		cu.m.	10,313,355.86		581.49		720.47		12.94%
105(1)a	Subgrade Preparation	22,288.00		cu.m.	356,813.33		16.01		19.84		0.45%
	TOTAL OF PART C				15,242,327.95						19.12%
PART D	Subbase and Base Course									a service deput	
200(1)	Aggregate Subbase Course	9,025.00		cu.m.	15,440,739.61		1,710.89		2,119.79		19.37%
	TOTAL OF PART D				15,440,739.61						19.37%
PART E	Surface Courses				9.0						
300(1)	Gravel Surface Course	823.00		cu.m.	1,425,094.68		1,731.59		2,145.43		1.79%
311(1)a	Portland Cement Concrete Pavement	2,255.00		sq.m.	2,438,659.93		1,081.45		2,454.55		3.06%
311(1)e1	Portland Cement Concrete Pavement	18,984.00		sq.m.	37,608,671.69		1,981.07		2,454.55		47.17%
	TOTAL OF PART E				41,472,426.30						52.02%

		OHA	NTITY			DIRECT	COST	•	TOTAL U	NIT COST	% DIRECT
ITEM NO.	DESCRIPTION	QOA	41714	UNIT	TOTA	AL.	UNIT	COST	то	TAL	COST
		AS SUBMITTED	AS EVALUATED	1	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED
PART G	Drainage and Slope Protection Structures		\$ (5 m(4.6)	起转数数	Actual Contract	eren in Webert	das Boy Voca	5//////////////////////////////////////		tang Posyin	double service
404(1)a	Reinforcing Steel, Grade 40	6,553.00		kg.	312,608.82		47. <i>7</i> 0		59.11		0.39%
404(1)b	Reinforcing Steel, Grade 60	-		kg.	-		#DIV/0!		59.11		0.00%
405(1)a3	Structural Concrete, Class *A"	165.00		cu.m.	1,404,669.43		8,513.15		10,547.79		1.76%
500(1)b3	Pipe Culverts	46.00		ln.m.	143,528.16		3,120.18		3,865.90		0.18%
505(2)a	Grouted Riprap, Class "A"	25.00		cu.m.	146,403.84		5,856.15		7,255.77		0.18%
506(1)	Stone Masonry	46,00		cu.m.	251,097.58		5,458.64		6,763.26		0.31%
	TOTAL OF PART G				2,258,307.83						2.83%
PART H	Miscellaneous Structure					andrame					
612(1)	Reflectorized Thermopiastic Pavement Markings (White)	1,046.00		są.m.	774,281.34		740.23		917.15		0.97%
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	25.00		sq.m.	20,387.24		815.49		1,010.39		0.03%
622(1)a	Coco-net ·	1,086.00		sq.m.	149,301.57		137.48		222.37		0.19%
622(1)b	Coco-net	5,883.00		sq.m.	1,055,871.59		179.48		222.37		1.32%
622(2)b	Coco-logs/Fascine	1,160.00		ln.m.	536,996.59		462.93		573.57		0.67%
622(3)b	Vegetation	6,970.00		sq.m.	843,852.20		121.07		150.00		1.05%
	TOTAL OF PART H				3,380,690.52						4.24%
	GRAND TOTAL				79,731,308.68					"	100.00%



FORM POW-2015-01B-00

MINIMUM EQUIPMENT REQUIREMENT

No.	Equipment Description	Capacity	Number of Equipment	No.	Equipment Description	Capacity	Number of Equipment
1	Dumptruck (10 Wheeler)	12 cu. Yd	10	26			
2	Bulldozer		2	27			
3	Backhoe	0.83 cu.m/1.04 cu. Yd	3	28			
4	Road Grader		2	29			
5	Road Roller	10 mt	2	30			
6	Payloader	1.50 cu.m/1.95 cu.yd	4	31			
7	Water Truck/Pump	16000L	2	32			
8	Water Tank		2	33			
9	Transit Mixer	5-6 cu. Yd	4	34			
10	Concrete Screeder		1	35			
11	Concrete Vibrator		2	36			
12	Concrete Cutter		2	37			
13	Bar Cutter		1	38			
14	Bar Bender		1	39			
15	One Bagger Mixer	4-6 cu.ft/min	2	40			
16	Plate Compactor		1	41			
17	Concrete Batching Plant		1	42			
18	Cargo Truck	2 - 5 mt.	1	43			
19	Applicator Machine		1	44			1
20	Kneading Machine		1	45			
21				46			
22				47			
23				48			
24				49			
25				50			
	SUB-TOTAL		45		SUB-TOTAL		0
		TOT	AI.				45



DF EGIONAL OFFICE IX

Road Widening of Primary Roads, Pagadian - Zamboanga City Road Zamboanga City

9167067600

FORM POW-2015-01C-00

						ITEMIZED	BREAKDOWN						
							DETAI	LED BREAKDOWN	OF COMPONENT C	OST FOR EA	CH ITEM		328,262.76 253,760.81 1,127,196.48
ITEM NO	DESCRIPTION		24				DIREC				AL MARK-UP		
			%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	0/0	VALUE	5% VAT	TOTAL COST
PART A	Facilities for the Engineers												
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED					Alternative Avy Leady		Section and the section of the secti			COMMERCIAL DE CITATION	
7(3)	construction of Field Office for the Engineer	AS SUBMITTED	0.55%	1.00	L.S.	362,625.12	45,026.64	32,358.66	440,010.42	18.00%	79,201.88	25 960 62	545 172 0
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and	AS EVALUATED									77,502,500	23,300.02	545,172.5
X.1.1(11)	Appliances for the Field Office for the Field Engineer	AS SUBMITTED	0.36%	1.00	L.S.	289,473.33		-	289,473.33	8.00%	23,157.87	15 631 56	328 262 7
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service	AS EVALUATED								3,111,11	23/23/.0/	13,031.30	320,202.7
A.1.2(3)	Vehicle for the Engineer	AS SUBMITTED	0.30%	6.93	month	144,152.00	97,524.96	-	241,676.96	0.00%	2	12.083.85	253 760 8
		AS EVALUATED							2,2,0,0,0	0.0070		12,000,00	233,700.8.
	TOTAL OF PART A	AS SUBMITTED	1.22%			796,250.45	142,551.60	32,358.66	971,160.72		102,359.74	53 676 02	1 127 106 49
PART B	Other General Requirements		10 TEN		II SHE IVA	Kinggorinisan				ed see select	202,000.74	55,676.02	1,127,150.40
5.443		AS EVALUATED	I										
B.4(1)	Construction Survey & Staking	AS SUBMITTED	0.13%	2.42	km.	26,713.24	65,396.11	12,597.04	104,706.39	18.00%	18,847.15	6 177 60	120 721 22
10.72	2 92 2	AS EVALUATED				20,7 20.2.1	05,050.11	12,007.01	104,700.39	10.00%	10,047.13	0,1/7.08	129,/31.22
B.5	Project Billboard/Signboard	AS SUBMITTED	0.02%	4.00	each	14,660.00	3,677.96	*	18,337.96	18.00%	3,300.83	1.001.04	22 720 77
200		AS EVALUATED			Cusii	11,000.00	3,077.50	-	10,557.50	10.00%	3,300.83	1,081.94	22,/20./3
B.7	Occupation Safety & Health	AS SUBMITTED	0.32%	6.93	month	26,760.00	164,876.40	60,000.00	251,636.40	8.00%	20 120 01	12 500 27	***************************************
2002		AS EVALUATED	3,00,0		one.	20,7 00.00	101,070.10	00,000.00	231,030,40	6,00%	20,130.91	15,631.56 328,1 12,083.85 253,1 53,676.02 1,127,1 6,177.68 129,7 1,081.94 22,7 13,588.37 285,3 29,548.75 620,5 50,396.73 1,058,33 4,411.08 92,6 1,152.69 24,2 1,306.99 27,4	285,355.68
B.9	Mobilization & Demobilization	AS SUBMITTED	0.74%	1.00	L.S.			590,975.00	590,975.00	0.00%		\$ 53,676.02 1,127,196 5 6,177.68 129,73 3 1,081.94 22,72 4 13,588.37 285,35 29,548.75 620,52 50,396.73 1,058,331 2 4,411.08 92,63: 6 1,152.69 24,206	
		AS EVALUATED	500 170	2.00	1.0.			390,973.00	390,973.00	0.00%			620,523.75
	TOTAL OF PART B	AS SUBMITTED	1.21%			68,133.24	233,950.47	663,572.04	965,655.75		40.070.00		
PART C	Earthworks	TO SOURCE IN COMME	1.2.170			00,133.24	255,950.47	663,572.04	965,655.75		42,278.90	50,396.73	1,058,331.38
103(1)a	Structure Excavation	AS SUBMITTED	0.09%	324.00	cu.m.		3,506.00	71,258.00	74,764.00	10.000/	42.457.52		
		AS EVALUATED	0.0570	321.00	cu.iii.		3,300.00	71,236.00	74,764.00	18.00%	13,457.52	4,411.08	92,632.60
103(3)	Foundation Fill	AS SUBMITTED	0.02%	7.00	cu.m.	17,099.81	1,464.83	972.48	40 507 40	40.0004			
20027		AS EVALUATED	0.0270	7.00	cu.iii.	17,055.01	1,404.03	9/2.48	19,537.12	18.00%	3,516.68	1,152.69	24,206.49
103(6)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	0.03%	96.00	cu.m.	1-0	1,038.82	21 112 10	22 452 20	40.000/	0.000 44		···
		AS EVALUATED	0.0370	50.00	cu.iii.		1,036.62	21,113.48	22,152.30	18.00%	3,987.41	1,306.99	27,446.70
104(1)a	Embankment from Roadway Excavation	AS SUBMITTED	5.59%	19,297.00	cu.m.	-	120,958.48	4 224 746 06	4 455 705 24	40.000/	000.004.04		
		AS EVALUATED	3.3370	19,297.00	cu.iii.		120,936.46	4,334,746.86	4,455,705.34	18.00%	802,026.96	262,886.62	5,520,618.92
104(2)a	Embankment from Borrow	AS SUBMITTED	12.94%	17,736.00	cu.m.	8,609,719.50	60,750.68	1 642 005 60	10 313 355 05	40.000/	1000.00.00		
		AS EVALUATED	12.5170	17,730.00	cu.m.	8,009,719.30	60,730.68	1,642,885.68	10,313,355.86	18.00%	1,856,404.05	608,488.00	12,778,247.91
105(1)a	Subgrade Preparation	AS SUBMITTED	0.45%	22,288.00	cu.m.		12 722 75	244 000 57	255 255 22				
		AS EVALUATED	0.4370	22,265.00	cu.m.		12,723.75	344,089.57	356,813.33	18.00%	64,226.40	21,051.99	442,091.71
1	TOTAL OF PART C	AS SUBMITTED	19.12%			0.636.010.31	200 442 FG	5 445 055 00	45.040.000.00				
PART D	Subbase and Base Course	A3 SUBPLITED	19.1270			8,626,819.31	200,442.56	6,415,066.08	15,242,327.95		2,743,619.03	899,297.35	18,885,244.33
J.KI D	Sanda Sand Sand Course	AS EVALUATED											
200(1)	Aggregate Subbase Course	AS SUBMITTED	19.37%	0.035.00		14 572 040 75	20.042.44	025 005					
		AS EVALUATED	19.3/%	9,025.00	cu.m.	14,573,840.75	30,913.11	835,985.75	15,440,739.61	18.00%	2,779,333.13	911,003.64	19,131,076.37
	TOTAL OF PART D		10.270/			44 577 646 77							
		AS SUBMITTED	19.37%			14,573,840.75	30,913.11	835,985.75	15,440,739.61		2,779,333.13	911,003.64	19,131,076.37

			T				DETAI	LED BREAKDOWN	OF COMPONENT C	OST FOR EA	CH ITEM		
ITEM NO.	DESCRIPTION				Ι	<u> </u>		TCOST		,	AL MARK-UP	-	1
			%	QTY	UNIT	MATERIAL	LABOR	EQUIPMENT	TOTAL	%	YALUE	5% VAT	TOTAL COST
PART E	Surface Courses		getagrige og t	-BATTLENSPLIE: 98	173459	amen signa étas signa a	ичные ASVA велуюм су	voltavo Aisavo ili si	00-070 (01-10-10)	20000 00000	Lagrana standa di Lari ya	January and Ja	1806 milyaliyadiyasi
		AS EVALUATED						and the second of the first of the second		a ulia Espera lesatti du	The second second second		
300(1)	Gravel Surface Course	AS SUBMITTED	1,79%	823.00	cu.m.	1,346,041.19	2,819.00	76,234,49	1,425,094.68	18.00%	256,517.04	84,080.59	1,765,692.31
		AS EVALUATED				2,117,7112121			2,120,011110	***************************************	200,027.07	0 1,000.33	2,700,002.02
311(1)a	Portland Cement Concrete Pavement	AS SUBMITTED	3.06%	2,255.00	sq.m.	2,167,700.04	18,011.03	252,948.85	2,438,659.93	18.00%	438,958.79	143,880.94	3,021,499.65
		AS EVALUATED							.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2014070	100,550.75	* 12/00013 ?	5,021,155.05
311(1)e1	Portland Cement Concrete Pavement	AS SUBMITTED	47.17%	18,984.00	sq.m.	33,350,732.40	283,030.39	3,974,908.90	37,608,671.69	18.00%	6,769,560.90	2,218,911.63	46,597,144.23
		AS EVALUATED				1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0,000,000	37,000,072.03	20.0070	0,7 05,000,50	2,210,511.03	10,057,111.23
	TOTAL OF PART E	AS SUBMITTED	52.02%			36,864,473.64	303,860.43	4,304,092.24	41,472,426.30		7,465,036.73	2,446,873.15	51,384,336.19
PART G	Drainage and Slope Protection Structures	a spirevetil klaliv	32.02.70	en et en grande pretty et breven.	uddur ryed	esterio-Judiciali Vicin	Parisiya ta wasa ya s	Lange of the Level of Table	-Style-e-displayers to	Market and	7,400,000.70	2,940,073.25	32,304,330.13
		AS EVALUATED			212-015-25					25, 234 (02)			
404(1)a	Reinforcing Steel, Grade 40	AS SUBMITTED	0.39%	6,5\$3.00	kg.	275,226.00	20,365.95	17,016.87	312,608.82	18.00%	56,269.59	18,443.92	387,322.32
		AS EVALUATED				2, 0,220100	20,555.55	27,020.07	312,000.02	10.0070	30,203.33	10/113.52	307,322.02
404(1)b	Reinforcing Steel, Grade 60	AS SUBMITTED	0.00%		kg.	-	_			18.00%	_		
		AS EVALUATED	0.0070		ng.			-		10.0070	_]	
405(1)a3	Structural Concrete, Class "A"	AS SUBMITTED	1.76%	165.00	cu.m.	1,165,609,50	149,952.15	89,107.79	1,404,669.43	18.00%	252,840.50	82,875.50	1,740,385.43
		AS EVALUATED	1.7070	105.00	CG.311.	1,103,009,30	149,932.13	65,107.73	1,707,005.73	18.00%	232,640.30	02,075.30	1,/40,363.43
500(1)Ь3	Pipe Culverts	AS SUBMITTED	0,18%	46,00	lo.m.	110,458.59	9,931.97	23,137,60	143,528,16	18.00%	25,835.07	8,468.16	177,831.40
		AS EVALUATED	0.15%	40,00	111/151*	110,436.39	9,931.97	23,137,80	143,328.16	16.00%	23,653.07	6,408.10	1/7,831.40
S0S(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	0.18%	25.00		120 200 62	14 400 70	7.000.04	445 403 04	10.000/	24 252 48	0.597.00	104 204 25
		AS SUBMITTED AS EVALUATED	0.18%	23,00	cu.m.	128,206.62	11,188.38	7,008.84	146,403.84	18.00%	26,352.69	8,637.83	181,394.35
506(1)	Stone Masonry	AS SUBMITTED	0.31%	46.00		222 200 22	40,000,00	40 777 05	254 007 50	10.000/	47.407.54	1404720	No. 200 20
		AS EVALUATED	0.31%	46.00	ca'w.	222,288.33	16,083.29	12,725.95	251,097.58	18.00%	45,197.56	14,814.76	311,109.90
	TOTAL OF PART G	AS SUBMITTED	2.83%			4 004 700 05	207 524 72	450.000.04					
PART H	Miscellaneous Structure	W2 20PWILLED	2.03%			1,901,789.05	207,521.73	148,997.04	2,258,307.83	1 10 10 10	406,495.41	133,240.16	2,798,043.40
PAKIR	Miscellaneous Structure	AS EVALUATED	48,49,935		47.575.67%			TENERAL CONTROL		75/41/91/14/05/5			
612(1)	Reflectorized Thermopiastic Pavement Markings (White)	AS SUBMITTED	0.070/	1046.00		700 452 07	40.607.44	46 400 00	774 704 74	40.000/	170 770 64	45.000.00	
		<u> </u>	0.97%	1,046.00	sq.m.	708,162.97	19,627.41	46,490.96	774,281.34	18.00%	139,370.64	45,682.60	959,334.58
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS EVALUATED	0.000/	25.00		40.000.00							
		AS SUBMITTED	0.03%	25.00	sq.m.	18,806.97	469.11	1,111.16	20,387.24	18.00%	3,669.70	1,202.85	25,259.79
622(1)a	Coco-net	AS EVALUATED	2 400/	4 000 00		124 122 12		44555					
		AS SUBMITTED	0.19%	1,086.00	sq.m.	125,433.00	9,604.61	14,263.96	149,301.57	18.00%	26,874.28	8,808.79	184,984.65
622(1)b	Coco-net	AS EVALUATED											
		AS SUBMITTED	1.32%	5,883.00	sq.m.	926,572.50	52,029,40	77,269.69	1,055,871.59	18.00%	190,056.89	62,296.42	1,308,224.90
622(2)b	Coco-logs/Fascine	AS EVALUATED	1 1-1										
		AS SUBMITTED	0.67%	1,160.00	ln.m.	499,380.00	34,196.90	3,419.69	536,996.59	18.00%	96,659.39	31,682.80	665,338.77
622(3)b	Vegetation	AS EVALUATED											
		AS SUBMITTED	1.06%	6,970.00	sq.m.	746,487.00	88,061.22	9,303.98	843,852.20	18.00%	151,893.40	49,787.28	1,045,532.88
	TOTAL OF PART H	AS EVALUATED											
		AS SUBMITTED	4.24%			3,024,842.44	203,988.64	151,859.44	3,380,690.52		608,524.29	199,460.74	4,188,675.56
	GRAND TOTAL	AS EVALUATED											
		AS SUBMITTED	100.00%			65,856,148.89	1,323,228.54	12,551,931.25	79,731,308.68		14,147,647.24	4,693,947.80	98,572,903.71



DPW

GIONAL OFFICE IX

Road Widening of Primary Roads, Pagadian - Zamboanga City Road

Zamboanga City

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

FORM POW-2015-02-00

	DESCRIPTION OF WORKS TO BE I	OONE	ECTIMATED DIDECT COCT		TOTAL MARK-UP				
_	DESCRIPTION OF WORRS TO BE	JONE	ESTIMATED DIRECT COST	%	TOTAL DIRECT COST	VAT	TOTAL INDIRECT COST	TOTAL COST	
PART A	Facilities for the Engineers	AS EVALUATED							
PARI A	racinues for the Engineers	AS SUBMITTED	971,160.72		102,359.74	53,676.02	156,035.77	1,127,196.48	
PART B	Other General Requirements	AS EVALUATED				×			
PARID	Outer General Requirements	AS SUBMITTED	965,655.75		42,278.90	50,396.73	92,675.63	1,058,331.38	
DADTC	Earthworks	AS EVALUATED							
PARIC	Earthworks	AS SUBMITTED	15,242,327.95		2,743,619.03	899,297.35	3,642,916.38	18,885,244.33	
PART D	Subbass and Page Courses	AS EVALUATED							
PARID	Subbase and Base Courses	AS SUBMITTED	15,440,739.61		2,779,333.13	911,003.64	3,690,336.77	19,131,076.37	
PART E	Surface Courses	AS EVALUATED				•			
PARIE	Surface Courses	AS SUBMITTED	41,472,426.30		7,465,036.73	2,446,873.15	9,911,909.89	51,384,336.19	
PART G	Drainage and Slope Protection Structures	AS EVALUATED							
PART	brainage and Slope Protection Structures	AS SUBMITTED	2,258,307.83		406,495.41	133,240.16	539,735.57	2,798,043.40	
PART H	Miscellaneous Structure	AS EVALUATED							
PAKI II	Miscellaneous Structure	AS SUBMITTED	3,380,690.52		608,524.29	199,460.74	807,985.03	4,188,675.56	
	70741	AS EVALUATED							
	TOTAL	AS SUBMITTED	79,731,308.68		14,147,647.24	84,839,959.75	18,841,595.03	98,572,903.71	

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II

Maintenance Division

Checked/Submiletd by:

AND MILL

ISIDRA A. ESTANISLAO

Engineer IV

Maintenance Division

Evaluation:

Reviewed by:

SATURNING C. TORREFRANCA

District Engineer

Planning & Design Division

Approval:

Recommending Approva

HADAFFY D TANGGO

OIC-Assistant Regional Director

Approved:

CAYAMOMBAO D. DIA

Regional Director



DI EGIONAL OFFICE IX Road Widening of Primary Roads, Pagadian - Zamboanga City Road Zamboanga City

FORM POW-2015-02A-00

ITEM NO	DESCRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	то	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				0.121 0031
PARTA	Facilities for the Engineers									Clear Clear Avg Person Life	n verene de de la sol
A.1.1(3)	Construction of Field Office for the Engineer	AS EVALUATED									
7.1.1(3)	Construction of Held Office for the Engineer	AS SUBMITTED	1.00	L.S.	440,010.42	18.00%	79,201.88	25,960.62	105,162.49	545,172.92	545,172.92
A.1.1(11)	Provision of Provision of Furnitures/Fixtures, Equipment and	AS EVALUATED							111/1111	310,27232	343,172.32
7.1.1(11)	Appliances for the Field Office for the Field Engineer	AS SUBMITTED	1.00	L.S.	289,473.33	8.00%	23,157.87	15,631.56	38,789.43	328,262.76	328,262.76
A.1.2(5)	Operation and Maintenance of 4 x 4 Pick-Up Type Service	AS EVALUATED							13/33/33	220,202170	520,202170
,(0)	Vehicle for the Engineer	AS SUBMITTED	6.93	month	241,676.96	0.00%	-	12,083.85	12,083.85	253,760.81	36,600.12
	TOTAL OF PART A	AS EVALUATED									30,000.12
	TOTAL OF PART A	AS SUBMITTED			971,160.72		102,359.74	53,676.02	156,035.77	1,127,196.48	
PART B	Other General Requirements										
B.4(1)	Construction Current & Station	AS EVALUATED									
D. 1(1)	Construction Survey & Staking	AS SUBMITTED	2.42	km.	104,706.39	18.00%	18,847.15	6,177.68	25,024.83	129,731.22	53,542.23
B.5	Deningt Billhound (Clauband	AS EVALUATED		-					20/02/100	125,751.22	33,372.23
5.5	Project Billboard/Signboard	AS SUBMITTED	4.00	each	18,337.96	18.00%	3,300.83	1,081.94	4,382.77	22,720.73	5,680.18
B.7	Commention Coffee C Hamilton	AS EVALUATED						-,	quoe.r.	22,720.73	5,000.18
D.,	Occupation Safety & Health	AS SUBMITTED	6.93	month	251,636.40	8.00%	20,130.91	13,588.37	33,719.28	285,355.68	41,157.07
B.9	Mobilization 2 Description	AS EVALUATED							00)/ 25/20	203,333.00	41,137.07
0.9	Mobilization & Demobilization	AS SUBMITTED	1.00	L.S.	590,975.00	0.00%	-	29,548.75	29,548.75	620,523.75	620,523.75
	TOTAL OF DART R	AS EVALUATED						40,010.00	25,5 10.75	020,323.73	020,323.73
	TOTAL OF PART B	AS SUBMITTED		0.7	965,655.75		42,278.90	50,396.73	92,675.63	1,058,331.38	·
PARTC	Earthworks					Wellell Th				2,000,002,00	
103(1)a	Characher C.	AS EVALUATED				Cheville Co.					
103(1)4	Structure Excavation	AS SUBMITTED	324.00	cu.m.	74,764.00	18.00%	13,457.52	4,411.08	17,868.60	92,632.60	285.90
103(3)	Foundation Fill	AS EVALUATED						7	21,700.00	32,032.00	203.90
103(3)	roundation Hill	AS SUBMITTED	7.00	cu.m.	19,537.12	18.00%	3,516.68	1,152.69	4,669.37	24,206.49	3,458.07
103(6)a	Dina Culturate and Dunis Survey II	AS EVALUATED						2/202103	1,005.57	24,200.49	3,436.07
103(0)a	Pipe Culverts and Drain Excavation	AS SUBMITTED	96.00	cu.m.	22,152.30	18.00%	3,987.41	1,306.99	5,294.40	27,446.70	285.90
104/1)-	F-1-1-16 6 1 F	AS EVALUATED						4,444.55	5/25 11 10	27,710.70	263.90
104(1)a	Embankment from Roadway Excavation	AS SUBMITTED	19,297.00	cu.m.	4,455,705.34	18.00%	802,026.96	262,886.62	1,064,913.58	5,520,618.92	286.09
104(2)=	5-1-1-06-8	AS EVALUATED						202/000.02	1,001,013.30	3,320,010.32	280.09
104(2)a	Embankment from Borrow	AS SUBMITTED	17,736.00	cu.m.	10,313,355.86	18.00%	1,856,404.05	608,488.00	2,464,892.05	12,778,247.91	720.47
105(1)=		AS EVALUATED				nessanast			2,10 1,052.05	12,770,247.91	720.47
105(1)a	Subgrade Preparation	AS SUBMITTED	22,288.00	cu.m.	356,813.33	18.00%	64,226.40	21,051.99	85,278.39	442,091.71	19.84
		AS EVALUATED		9239371	100		- 1/240110	22,002155	05/270.55	412,031.71	19.04
	TOTAL OF PART C	AS SUBMITTED		- 1	15,242,327.95		2,743,619.03	899,297.35	3,642,916.38	18,885,244.33	-
PARTD	Subbase and Base Course					Self and		555,257.133	3,042,320.30	10,003,200.33	
200(1)	A	AS EVALUATED	(table tabl		The second secon		N - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
200(1)	Aggregate Subbase Course	AS SUBMITTED	9,025.00	cu.m.	15,440,739.61	18.00%	2,779,333.13	911,003.64	3,690,336.77	19,131,076.37	2 440 70
	TOTAL OF PART D	AS EVALUATED						311,003.04	3,030,330.77	15,151,070.37	2,119.79
	OTAL OF PART D	AS SUBMITTED		-	15,440,739.61		2,779,333,13	911,003.64	3,690,336.77	19,131,076.37	

ITEM NO.	. DELLRIPTION		QTY	UNIT	ESTIMATED DIRECT COST	то	TAL MARK-UP	VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
						%	VALUE				*
PART E	Surface Courses										
300(1)	Crowd Surface Course	AS EVALUATED		-							
300(1)	Gravel Surface Course	AS SUBMITTED	823.00	cu.m.	1,425,094.68	18.00%	256,517.04	84,080.59	340,597.63	1,765,692.31	2,145.43
311(1)a	Deathers Comment Comment	AS EVALUATED									
311(1)a	Portland Cement Concrete Pavement	AS SUBMITTED	2,255.00	sq.m.	2,438,659.93	18.00%	438,958.79	143,880.94	582,839.72	3,021,499.65	1,339.91
211/1/01	Deutland Commit Commits Deutland	AS EVALUATED									
311(1)61	Portland Cement Concrete Pavement	AS SUBMITTED	18,984.00	sq.m.	37,608,671.69	18.00%	6,769,560.90	2,218,911.63	8,988,472.53	46,597,144.23	2,454.55
	TOTAL OF PART E	AS EVALUATED									-
	TOTAL OF PART E	AS SUBMITTED			41,472,426.30		7,465,036.73	2,446,873.15	9,911,909.89	51,384,336.19	
PART G	Drainage and Slope Protection Structures										
404(1)=	Ballafaraka Charl Carda 40	AS EVALUATED									
404(1)a	Reinforcing Steel, Grade 40	AS SUBMITTED	6,553.00	kg.	312,608.82	18.00%	56,269.59	18,443.92	74,713.51	387,322.32	59.11
404/434		AS EVALUATED									
404(1)b	Reinforcing Steel, Grade 60	AS SUBMITTED	-	kg.	-	18.00%	•			1	#DIV/0!
405(4)-2	Control of the second s	AS EVALUATED									
405(1)a3	Structural Concrete, Class "A"	AS SUBMITTED	165.00	cu.m.	1,404,669.43	18.00%	252,840.50	82,875.50	335,715.99	1,740,385.43	10,547.79
500(4)1.0		AS EVALUATED									
500(1)03	Pipe Culverts	AS SUBMITTED	46.00	ln.m.	143,528.16	18.00%	25,835.07	8,468.16	34,303.23	177,831.40	3,865.90
		AS EVALUATED									
505(2)a	Grouted Riprap, Class "A"	AS SUBMITTED	25.00	cu.m.	146,403.84	18.00%	26,352.69	8,637.83	34,990.52	181,394.35	7,255.77
SANSA	2 22	AS EVALUATED								***************************************	
506(1)	Stone Masonry	AS SUBMITTED	46.00	cu.m.	251,097.58	18.00%	45,197.56	14,814.76	60,012.32	311,109.90	6,763.26
		AS EVALUATED									
	TOTAL OF PART G	AS SUBMITTED		7.5	2,258,307.83		406,495.41	133,240.16	539,735.57	2,798,043.40	
PART H	Miscellaneous Structure										
		AS EVALUATED									
612(1)	Reflectorized Thermoplastic Pavement Markings (White)	AS SUBMITTED	1,046.00	sq.m.	774,281.34	18.00%	139,370.64	45,682.60	185,053.24	959,334.58	917.15
2.22.		AS EVALUATED									
612(2)	Reflectorized Thermoplastic Pavement Markings (Yellow)	AS SUBMITTED	25.00	sq.m.	20,387.24	18.00%	3,669.70	1,202.85	4,872.55	25,259.79	1,010.39
		AS EVALUATED									**********
622(1)a	Coco-net	AS SUBMITTED	1,086.00	sq.m.	149,301.57	18.00%	26,874.28	8,808.79	35,683.08	184,984.65	170.34
-2022-000	G 7	AS EVALUATED									***
622(1)b	Coco-net	AS SUBMITTED	5,883.00	sq.m.	1,055,871.59	18.00%	190,056.89	62,296.42	252,353.31	1,308,224.90	222.37
CHORN WERENINGER	2	AS EVALUATED									
622(2)b	Coco-logs/Fascine	AS SUBMITTED	1,160.00	sq.m.	536,996.59	18.00%	96,659.39	31,682.80	128,342.18	665,338.77	573.57
000000000000000000000000000000000000000		AS EVALUATED									
622(3)b	Vegetation	AS SUBMITTED	6,970.00	sq.m.	843,852.20	18.00%	151,893.40	49,787.28	201,680.68	1,045,532.88	150.00
	Name and the Property of the Control	AS EVALUATED									
	TOTAL OF PART H	AS SUBMITTED			3,380,690.52		608,524.29	199,460.74	807,985.03	4,188,675.56	
		AS EVALUATED							0.0000		
	GRAND TOTAL	AS SUBMITTED	-		79,731,308.68		14,147,647.24	4,589,875.04	18,841,595.03	98,572,903.71	

Preparation and Submission:

Prepared by:

ELWICK P. ACUÑA

Engineer II Maintenance Division Checked/Submiletd by:

ISIDRA A. ESTANISLAO

Engineer IV Maintenance Division Evaluation: Reviewed by:

MAN

STURNING C. TORREFRANCA

District Engineer

Planning & Design Division

FORM-POW-2015-01D-00

Item No,/Description

A.1.1(3)

Construction of Field Office for the Engineer
1.00 L.S.

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

																	ŀ	л Д								E.2	E.1	0.2	D.1	C			Z V					8.1	 		A.2					A.1			
₩-2,	b. W-1, Jalousie Window, 1,40 m, x 1,20 m.	Complete with Accessories, 0.90 m, x 2.10 m.	1	e. No. 16 G.I. Tie Wire	d. 10 mm. x 6 m. RSB	E .	ł			1		1 -	b. No. 16 G.I. Tie Wire	a. Deformed Round Bar, Grade 40	Columns, Beams,	, ,	b. Crushed Gravel	a. Portland Cement	II Concrete Works (Footings, Columns, Beams, & Slab on Grade)	c. Soil Poisoning		a, Gravel Bedding	I Earthworks (Excavation, Embankment & Beddi	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	EGUIDHELL	Sub-rotal for B-1 AS Submitted	Out That the Date of the State	Minor Tools 10% of Labor Cost	L'UC		Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	d, Laborers		b. Masons	a. Construction Foreman	Labor	Designation
set	set	אפר	200	kg.	ķ	cu.m.	pag	2.5	ķ	pc.	pd.ft.		ķ	kg.	& Slab on Grade)	cu.m.	cu.m.	bag	k Slab on Grade)	L	cu.m.	cu.m.			Unit												1	.	No. of Units					6	3	3	1		No. of Person/s
2.00	2.00	2.00	3 00	2.50	65.00	8.00	45,00	650.00	5.00	18.00	400.00		20,00	435.00		18.00	21.00	90.00		2.50	10.00	3,50			Quantity												8	\$	No. of Hour/s					64	64	64	64		No. of Hour/s
1,848.00	924,00	1,/03,20	JC 356 F	100.00	38,00	2,124.20	310.00	16.00	 65.00	610.00	13.00		80.00	38.00		2,124.20	1,924.20	310.00		1,900.00	388.35	1,924.20			Unit Cost						***************************************						2,450.00	172,00	Hourly Rate					45.16	58.61	58.61	80.95		Hourly Rate
3,696.00	1,848.00	3,530.52	3 530 53	250.00	2,470.00	16,993.60	13,950.00	10,400,00	325.00	10,980.00	5,200.00		1,600.00	16,530.00		38,235.60	40,408.20	27,900.00		4,750,00	3,883.50	6,734.70			Amount (Php.)		77,385.30			,,,000,10	77 385 30			32,358,66		4,502.66	19,600.00	8,256.00	Amount (Php.)			1.754.674.1	45.026.64	17,340.00	11,252.88	11,252.88	5,180.88		Amount (Php.)

				Lowi Cilit Cost - Us Evaluated	7.5
545,172.92				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	J.2
25,960,62				Value Added Tax - As Submitted	
35,200.83				Contractor's Profit - As Submitted	2 1
			aluated	_	H.2
44,001.04			bmitted		H.1
440,010.42				Direct Unit Cost (E.2+F.2) - As Subilitized Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
440 040 43				Sub-Total for F-2 As Evaluated Direct I Init Cost (F 1+F1) - As Submitted	3
				_	F.2
202,023:12				-	
362.625.12				Sub-Total for F-1 As Submitted	
448.00	56.00	8.00	pc	i. 2" PVC assorted Connector	
462.00	77.00	6.00	pc	h. 4" PVC assorted Connector	
305.00	305.00	1.00	рc	g. 2" PVC series 1000	
640,00	640.00	1.00	рc	f. 4" PVC series 1000	-
160,00	20.00	8,00	рc	1 1	
642,00	321.00	2.00	R		
332.00	166.00	2.00	R		
6.615.00	6,615.00	1.00	set	b. Lavatory (include fitting & Accessories)	
7 375 00	7 375 00	1 00	SP.	- 0	
3,254.00	T,02/.10	2,00	Ser	XI Plumbing Works	
217.00	31.00	7.00	R R	s, electrical tabe (pig)	
272.00	34.00	8.00	pc		
224.00	32.00	7.00	pc	q. utility box	
100.00	50.00	2.00	pc	p. wire holder	
200.00	100.00	2,00	рc	o. 20mm dia. Service entrance cap	
180.00	18.00	10.00	pc		
90.00	30,00	3,00	pc ·	m, 20mm dia, RSC elbow	
27.00	9.00	3,00	p. T	I. 20mm dia. RSC Coupling	
440.00	340.00	4 00	8 8	k 20mm dia. RSC Pipe	
650.00	26.00	25.00	3 2	1 15mm dia DVC Clama	
125,00	5,00	25.00	pc	h. 15mm dia. PVC Coupling	
1,460.00	73.00	20,00	pc		
1,750.00	70.00	25,00	3	f. 8.00mm2 thw	
10,800.00	3,600.00	3.00	roll		
510.00	170.00	3.00	D 75		
100.00	170.00	300.2	8 8	c. Duplex Convinience outlet	
5,150.00	1,030.00	5.00	set		
		1			
2,000.00	400.00	5.00	F		
650,00	65.00	10.00	kg.	d. Common Wire Nails	
550.00	110.00	5,00	kg.	c. Finishing Nails	
13,500.00	450.00	30.00	pc.	b. Plywood, ordinary 1/4" x 4' x 8'	
18.500.00	37.00	500.00	bd.ft.	a. Rough Lumber, sun dried tanguile	
500,000	750,00	2,00	r	TX Carnentry Works	
2,000.00	2.00	1000.00	- Pc.	g. leckscrew 11/2"	
378,00	189.00	2.00	ln.m.		
1,890.00	189.00	10.00	ln.m.	b. Pre-painted ridge roll ga 24, 0.60m width	
23,100.00	420.00	55.00	sq.m.	a. Pre-painted GI Roofing Sheet long span	
rjeasiee	00000			VIII Roofing Works	
2,445.00	531.00	5.00	oal 🥳	I. Primer, Zinc Cromate	
360.00	36,00	10,00	<u> </u>	- 1	
380.00	38,00	10.00	kg.	i. 10mm dia. Sag rod	
705.00	47.00	15.00	kg	h. 10mm thk batten plate	
1,175.00	47.00	25.00	kg.	g. 12mm thk base plate	
2,350,00	118.00	20.00	p. 3		
864.00	48,00	18.00	5 6	e 16mm dia Cross bracino	
4,800.00	48,00	100.00	kg.	c. 50 mm. x 50 mm. x 4 mm. Angle Bar	
12,000.00	48.00	250.00	kg.	b. 50 mm. x 50 mm. x 6 mm. Angle Bar	
16,800.00	48,00	350,00	kg.	a. 65 mm. x 65 mm. x 6 mm. Angler	
	4			VII Steel Works	

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

• •

A.1.1(11)

A.1.1(11)

Provision of Provision of Furnitures/Fixtures, Equipment and Appliances for the Field Office for the Field 1.00 L.S.

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

K.1 Tot	J.2 Valu		I.2 Cor		H.2 Ove		G.2 Dire	G.1 Dire		F.2	Sut	c.	.b	a 5	· ·	Ļ.	-		ع	E	T] <u>.</u>	Ġ.	d.	5	p.	و ا	Mat	Ī		E.1 Dire			_	C1 Tota	B.2		Sub	B.1 Equ		_	A 7 Labor	Sub	A.1 Labor	\neg
Total Unit Cost - As Submitted	Value Added Tax - As Evaluated	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	- 1	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. Flectrical Bill	Desktop Computer	Cellphone	Digital Camera	Dining Table	(Plates Spoons & Forks Glasses, etc.)	Vitcheniuse	(Folders, Bond Paper, Yellow Pads,		10 cups Rice Cooker	1	pillows w/ pillow cases, fitted sheets and blanket		a. Electric Desk Fan	Materials Office Equipment/Facilities & Supplies	Name and Specification	COL OTHE COSE (CIX - DIV) US EARINGTON	Direct Unit Cost (C.1 \div 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	Total Cours of Architecture	Equipment	Sub-Total for B-1 As Submitted	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated	or	Sub-Total for A-1 As Submitted		Designation
					luated	omitted						mo.	mo.	mo.	set	set	set	set	ŗ	- 0		L.S.	unit	unit	each	each	unit		Unit											No. of Units					No. of Person/s
												6.93	6.93	6.93	1,00	4.00	2.00	1.00	1.00	1 00		1.00	1.00	1.00	2.00	2.00	2.00		Quantity											No. of Hour/s					No. of Hour/s
												1,000.00	1,500.00	3,000,00	60,000.00	15,000.00	12,000.00	8,000.00	20,000.00	00 000 0E		45,000.00	2,500.00	3,700.00	5,000.00	2,700.00	1,370.00		Unit Cost											Hourly Rate				3	Hourly Rate
328,262.76		15,631.56	·	23,157.87	-	,		289,473.33			289,473.33	6,933.33	10,400.00	20.800.00	60,000.00	60,000.00	24,000.00	8,000.00	20,000,00	00 000 0E		45,000.00	2,500.00	3,700.00	10,000.00	5,400.00	2,740.00		Amount (Php.)		t		1		•			1		Amount (Php.)			1	3	Amount (Php.)

Prepared by:

ELWICK P. ACUÑA Engineer II

FORM-POW-2015-01D-00

Item No./Description ...

A.1.2(5) A.1.2(5) Operation and Maintenance of 4 \times 4 Pick-Up Type Service Vehicle for the Engineer 6.93 month

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

30,000.00
9,672.00
40,000.00
31.00
Unit Cost
No. of Hour/s Hourly Rate
1,664.00 58.61
Hourly Rate

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

B.4(1)
Construction Survey & Staking
2.42 km.
0.04

** ** **

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

Designation

K.2		7	J.1	1.2	I.1	H.2	H.1	G.2	G.1	Γ	F.2				_	F.1			E.2	E.1	D.2	D.1	C.2	C.1		B.2				B.1				A.2				-		7	>	-			
Total Unit Cost - As Evaluated	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		Equipment	Sub-Total for F-1 As Submitted	אוציבוומו וביטוא ביאי טו אומנבו זמו ביטצנ	8	a. Standard Stake Plan (800 mm x 910 mm)	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	Minor Tools 10% of Labor	a. Total Station w/ Complete Accessories	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated	raboi	labor	Sub-Total for A-1 As Submitted	b. Skilled Laborer	a. Geodetic Engineer	For Office Works	c. Unskilled Laborer	b. Skilled Laborer	a. Geodetic Engineer	For Field Works	Labor	Designation
						luated	mitted								per	P. P.		Unit												1		No. of Units					2	1		ω	3	1			No. of Person/s
																100.00		Quantity												щ		No. of Hour/s					ω	ω		Ľ	1	۲			No. of Hour/s
																25.00		Unit Cost												100.00		Hourly Rate					58,61	104.16		45.16	58.61	104.16			Hourly Rate
ı	53,542.23		2,549.63	t	3,457.13		4,321.41	, , , , , ,	43,214.07				11,025.00	022100	525 00	2.500.00		Amount (Php.)		32,189.07		0.04	1	1,287.56				207.96	107.96	100.00		Amount (Php.)				1,079.60	351.65	312.49		135.47	175.83	104.16			Amount (Php.)

Engineer II

Prepared by:

FORM-POW-2015-01D-00

Item No./Description

B.5
Project Billboard/Signboard
4.00 each

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

..

	J.2 V	J.1 V	I.2 C	I.1 C	1.	_			0		F.2		ωI	1_	L	E	_	[3]		E.2 D	E.1 D	D.2 O	D.1 0		C.1 T	ωl	B.2	m	اري	B.1			A.2	5	ΩI	Ta	_	<u></u>	اجا	
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	Overriedu, contingencies & Miscellarieous (OCM) - As Subillitted	or bring Cost (c.z+r.z) - As Evaluated	Direct Hait Cost (E.D. E.D.) 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	d. Assoreted CW Nails		b. Tarpaulin (4' x 8')	a. Ordinary Plywood 1/2" thk. x 4' x 8'	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	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	c. Unskilled Laborer	b. Skilled Laborer	a. Foreman	Labor	Designation
					luated	illitted	Part of the second of the seco							ką.	bd.ft.	pc,	pc.		Unit												No. of Units					2	1	Þ		No. of Person/s
														4.00	200.00	4,00	4.00		Quantity												No. of Hour/s					16	16	16		No. of Hour/s
														65.00	37.00	1,000.00	750,00		Unit Cost												Hourly Rate					45.16	58.61	80.95		Hourly Rate
18,163.74		864.94	1	1,172.80		1,-100:00	1 466 00	- 7	14,660,00				14,660.00	260.00	7,400.00	4,000.00	3,000.00		Amount (Php.)		1		1	ť	3,677.96				1		Amount (Php.)				3,677.96	1,445.00	937.74	1,295.22		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

FORM-POW-2015-01D-00

Item No./Description •

B.7 Occupation Safety & Health 6.93 month

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

203,333.00				Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	2 2
מאב שבה עמ				Value Added Tax - As Evaluated	J.2
13,588.37				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	1.2
20,130.91				Contractor's Profit - As Submitted	1.1
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
251,636.40				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				Equipment	F.2
26,760.00				Sub-Total for F-1 As Submitted	
14,400.00	00.00	24.00	pc	d. Sarety Hats	
2,400.00	100.00	24.00	pc		
360.00	15.00	24.00	pair	b.	F.1
9,600.00	400,00	24.00	pair		
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C,2 ÷ D,2) - As Evaluated	E.2
224,876,40				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
				Output per Hour - As Submitted	D.1
				Total (A.2+B.2) - As Evaluated	C.2
224,876.40				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
				Equipment	B.2
60,000.00				Sub-Total for B-1 As Submitted	
60,000.00					
				Tm	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
164,876.40				Sub-Total for A-1 As Submitted	
97,524.96	58.61	1664,00	1	b. First Aider	
67,351.44	80,95	832.00	1	a. Safety Practioner	A.1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

FORM-POW-2015-01D-00

Item No./Description ..

B.9

Mobilization & Demobilization

1.00 L.S.

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

. . . .

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php.)
A.1	A.1 Labor				
	Sub-Total for A-1 As Submitted				
	Labor				
1	Sub-Total for A-2 As Evaluated				
	Name and Capacity	No. of Units	No. of Hour/s	Hourly Rate	Amount (Php.)
	Equipment				
	a. Low Bed Trailer	1	40	4,255.38	170,215.00
		1	40	2,450.00	98,000.00
0	c. Backhoe	2	40	1,537.00	61,480.00
D. L		1	40	3,379.00	135,160.00
	e. Dump Truck	4	40	1,420.00	56,800.00
	f. Payloader	1	40	1,733.00	69,320.00
	Sub-Total for B-1 As Submitted				590,975.00
R _J	Equipment				
	Sub-Total for B-2 As Evaluated				
C.1	Total (A.1+B.1) - As Submitted				590,975.00
C.2	Total (A.2+B.2) - As Evaluated				
D.1	Output per Hour - As Submitted				
D.2	Output per Hour - As Evaluated				
E.1	Direct Unit Cost (C.1 ÷ D.1) - As Submitted				590,975.00
E.2	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated				
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php.)
F.1	Materials				
	Sub-Total for F-1 As Submitted				T
F.2	Materials				
	Sub-Total for F-2 As Evaluated				
G.1	Direct Unit Cost (E.1+F.1) - As Submitted				590,975.00
G.2	Direct Unit Cost (E.2+F.2) - As Evaluated				
H.1	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	bmitted			59,097.50
H.2	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	aluated			
3 1	Contractor's Profit - As Submitted				4/,2/8.00
11	Value Added Tax - As Submitted				34,867.53
J.2	Value Added Tax - As Evaluated				
<u>~</u>	Total Unit Cost - As Submitted				732,218.03
K.2	Total Unit Cost - As Evaluated				
)				

ELWICK P. ACUÑA Engineer II

Prepared by

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated : 103(1)a
Structure Excavation
: 324.00 cu.m.
: 20.00

..

<u> </u>	3.2	J.1	I.2	I.1	H.2	H.1	G.2	G.1	Γ	F.2			E		E.2	E.1	D.2	D.1	C.2	C.1		 B.2		I			D.1	0				A.2		Γ		A.1		
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	1_	Value Added Tax - As Submitted	Contractor's Profit - As Evaluated	Contractor's Profit - As Submitted		Overhead, Contingencies & Miscellaneous (OCM) - As Submitted		_	Sub-Total for F-2 As Evaluated		Equipment	Sub-Total for F-1 As Submitted	Materials	Name and Specification	Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	Direct Unit Cost (C.1 ÷ D.1) - As Submitted	\Box	Output per Hour - As Submitted	щ	Total (A.1+B.1) - As Submitted	Sub-Total for B-2 As Evaluated	2	Equipment	Sub-Total for B-1 AS Subfillitied	Cub Total for B.1 Ac Cubmitted	Minor Tools 10% of Labor	Þ.	_	Equipment	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted		h Unskilled Laborer	0	Designation
					aluated	bmitted								Unit													1	2		No. of Units						ω		No. of Person/s
														Quantity													1	1		No. of Hour/s						٠-		No. of Hour/s
														Unit Cost													1,537.00	1,420.00		Hourly Rate						45.16	30 0g	Hourly Rate
203.50	705 00	13.61		18.46		23.08		230./5						Amount (Php.)		230.75		20.00	T	4,615.06				1,550,01	4 398 64	21.64	1,537.00	2,840.00		Amount (Php.)				216,42		135,47	אט טג	Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

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FORM-POW-2015-01D-00

Item No./Description

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

103(3)
Foundation Fill
7.00 cu.m.
1.25

..

2/100/07				Total Unit Cost - As Submitted	S
3 458 07				Tatal Hait Cost As Evilability	7.7
				Value Added Tay - As Evaluated	3
164.67				Value Added Tax - As Submitted	J.1
ť.				Contractor's Profit - As Evaluated	1.2
223.28				Contractor's Profit - As Submitted	I.1
1			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
279.10			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
2,791.02				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	ı i
2,442.83				Sub-Total for F-1 As Submitted	
۲٬۳۳۲.03	2,124,20	T.13	cu.III.	a. Hilling Materials (Well Graded Sand)	
				Materials	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
348,19				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	-
				Output per Hour - As Evaluated	-
1,25				Output per Hour - As Submitted	
1				Total (A.2+B.2) - As Evaluated	C.2
435.23				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
1/3.66				Sub-Total for B-1 As Submitted	
26.16				Minor Tools 10% of Labor	
24.50	2,450.00	0.01	1	b. Water Truck/Pump (16000 L)	Ë
123.00	123.00	1	1	a. Plate Compactor (5 hp)	D
				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	
261.58				Sub-Total for A-1 As Submitted	
180,63	45.16	1	4	b. Unskilled Laborer	}
80.95	80.95	1	1	a. Foreman	>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
	The second secon	Statement of the later of the l		A CONTRACTOR OF THE PROPERTY O	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Roa

FORM-POW-2015-01D-00

Item No./Description

103(6)a
Pipe Culverts and Drain Excavation
95.00 cu.m.
20.00

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

				Loral Other Cook - Va Example	7.5
283.30				Total Unit Cost - As Sublitted	5 7
285 90				Total Unit Cost - As Culmitted	
ı				Value Added Tay - As Evaluated	13
13,61				Value Added Tax - As Submitted	
				Contractor's Profit - As Evaluated	
18.46				Contractor's Profit - As Submitted	I.1
ı			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Eva	H.2
23.08			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
ı				Direct Unit Cost (E.2+F.2) - As Evaluated	
230.75				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	_
ı				Sub-Total for F-1 As Submitted	
				Materials	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
230.75				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
20,00				Output per Hour - As Submitted	
ï				Total (A.2+B.2) - As Evaluated	C.2
4,615.06				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Equipment	
4,398.64				Sub-Total for B-1 As Submitted	
21.64				Minor Tools 10% of Labor	
1,537.00	1,537.00	Р	1	e (0.	
2,840.00	1,420.00		2	a. Dump Truck (12 cu.yd.)	B.1
				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	
216.42				Sub-Total for A-1 As Submitted	
					-
135,47	45.16	1	ω	b. Unskilled Laborer	7
80.95	80.95	1	1	a. Foreman	<u> </u>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

: 104(1)a Embankment from Roadway Excavation : 19,297.00 cu.m. : 50.00

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

					L
200,00				Total Unit Cost - As Evaluated	S
706 00				Value Added Tax - As Evaluated	_
13.62				Value Added Tax - As Submitted	1_
1				Contractor's Profit - As Evaluated	
18.47				Contractor's Profit - As Submitted	
í			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evi	Н.2
23.09			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	
1				Direct Unit Cost (E.2+F.2) - As Evaluated	
230.90				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	7.
				Equipment	J I
ı				Sub-Total for F-1 As Submitted	
				Materials	E
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
230.90				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
1				Output per Hour - As Evaluated	1
50.00				Output per Hour - As Submitted	_
1				Total (A.2+B.2) - As Evaluated	
11,545.07				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					а. Х
					ر د
				-	
11,231.66				Sub-lotal for B-1 AS Submitted Equipment	
612.50	2,450.00	0.25	1		
1,846.00	1,846.00	1	ı	Vibratory Roller (10 mt), SD100C	
2.173.00	2,173.00	1	н	a. Motorized Road Grader (140 hp), G170A	
2,35/.20	1,420.00	0.83		c. Dump Truck (12 cu.ya.)	0,1
1,438.39	1,733.00	0.83	ار		0
2,804.57	3,379.00	0.83	-		
				For Excavation Work	
				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	
313.41				Sub-Total for A-1 As Submitted	
30,31	45.10	1	7	D. CHENIEU LABOLE	
80.95	80.95		-ا د	100	_
	2007			0	
74.96	45.16	0.83	2		A.1
67.19	80.95	0,83	1	a. Foreman	
				For Excavation Work	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

104(2)a Embankment from Borrow 17/736.00 cu.m. 50.00

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

..

				Total Officeose - As Evaluated	7.7
				Total Unit Cost - As Submitted	5.1
				Value Added Tax - As Evaluated	J.2
				Value Added Tax - As Submitted	J.1
				Contractor's Profit - As Evaluated	I.2
				Contractor's Profit - As Submitted	1.1
			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	1
			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
				TIMESTIMIO	F.2
				Sub-1 otal for F-1 AS Submitted	
				(with 25% wastage factor)	
	388.35	1.25	cu.m.	a. Common Borrow	
				Materials	n
Amount (Php.)	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	D.1
				Total (A.2+B.2) - As Evaluated	
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					0.2
					3
				Equipment	
				Sub-Total for B-1 As Submitted	
				- 1	
	2,450.00	0.25	1	c. Water Truck/Pump (16000L)	
	1,846.00	1	1	b. Vibratory Roller (10 mt), SD100C	5.1
	2,173.00	1	-	Equipment a. Motorized Road Grader (140 hp), G170A	
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	
					_
	45.16	1	2	b. Unskilled Laborer	1.
	80.95	1	1	a. Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Engineer II

Prepared by:

Checked/Reviewed

Roa

FORM-POW-2015-01D-00

Item No./Description

. . . . 105(1)a Subgrade Preparation 22,288.00 cu.m. 300.00

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

)	
1				Total Unit Cost - As Evaluated	<u></u>
19,84				Total Unit Cost - As Submitted	
4				Value Added Tax - As Evaluated	J.2
0.94				Value Added Tax - As Submitted	J.1
·				Contractor's Profit - As Evaluated	1.2
1.28				Contractor's Profit - As Submitted	I.1
1			iluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
1.60			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
16.01				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
				Sub-Total for F-1 As Submitted	
				Materials	F.1
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
16,01				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E,1
				Output per Hour - As Evaluated	D.2
300.00				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
4,802.76				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					в.2
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	1	c. Water Truck/Pump (16000 L)	
1,846.00	1,846.00	р	ь		į.
2,173.00	2,173.00	ра	щ	a. Backhoe (0.80 cu.m.)	D .
				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	
171.26				Sub-Total for A-1 As Submitted	
90.31	45.16	1	2	b. Unskilled Laborer	A.
80.95	80.95	1	1	a. Foreman	>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

Ros

FORM-POW-2015-01D-00

Item No./Description

200(1)
Aggregate Subbase Course
9,025.00 cu.m.
50.00

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

r				Total Unit Cost - As Evaluated	2
2,119.79				Total Unit Cost - As Submitted	
~				Value Added Tax - As Evaluated	
100.94				Value Added Tax - As Submitted	
1				Contractor's Profit - As Evaluated	1.2
136,87				Contractor's Profit - As Submitted	I.1
1			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
171.09			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
1				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
1,710.89				Direct Unit Cost (E.1+F.1) - As Submitted	_
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
1,614.83				Sub-Total for F-1 As Submitted	
				(With 15% wastage lactor)	
1,014.63	1,404.20	1.15	cu.m.	a. Aggregate Subbase Course	7.
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	
96,06				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	\perp
				Output per Hour - As Evaluated	D.2
50,00				Output per Hour - As Submitted	
ī				Total (A.2+B.2) - As Evaluated	
4,802.76				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Experience	
				Fauinment	
4,631.50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	٠.	c. Water Truck/Pump (16000 L)	
00.040,1	1,640,00		1	b. Vibratory Roller (10 mt), SD100C	
2,1/3.00	2,173.00	. p.	٠,		B.1
				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	
171.26				Sub-Total for A-1 As Submitted	
90,31	45.16	1	2	b. Unskilled Laborer	1
80.95	80.95	1	1	a. Foreman	>
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

. . . 300(1)
Gravel Surface Course
823.00 cu.m.
50.00

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

-				Total Unit Cost - As Evaluated	K.2
2,145.43				Total Unit Cost - As Submitted	
ř				Value Added Tax - As Evaluated	J.2
102.16				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	1.2
138.53				Contractor's Profit - As Submitted	1.1
,			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
173.16			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
1,731.59				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Equipment	
1,635.53				Sub-Total for F-1 As Submitted	
3				,	
					i
1,635.53	1,422.20	1.15	cu.m.	Materials a. Uncrushed Aggregate Surface Course	Ξ
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
96.06				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
				Output per Hour - As Evaluated	D.2
50.00				Output per Hour - As Submitted	1
1				Total (A.2+B.2) - As Evaluated	C.2
4,802.76				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					В.2
				Esquiper 1 version	
				Equipment	
4,631.50				Sub-Total for B-1 As Submitted	
612.50	2,450.00	0.25	,	c. Water Truck/Pump (16000 L)	
1,846.00	1,846,00		1	b. Vibratory Roller (10 mt), SD100C	
2,173.00	2,173.00	. 1	. ,,,,,,		B.1
				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	
171.26				Sub-Total for A-1 As Submitted	
90.31	45.16	1	2	b. Unskilled Laborer	į
80.95	80.95	1		a, Foreman	A. 1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 311(1)a

Portland Cement Concrete Pavement
2,255.00 sq.m.
107.33

..

7.1			1.2					G.1	_	E 2	I	_	_	_	_	_		Ē	_	_	_			E.2				C		8.2	_	(0)		-1	_	_		B.1			15],	, A		101		_	A.1	IE!	
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-rotal for F-1 AS Subfiltued	Sub-Total for E-1 As Submitted	j. Grease/Tar	i. Pipe Sleeve, 2" dia.	Concrete Sa	g. Cement	- 1	-		C Asphalt Sealant	-		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	MITOF TOOIS 5% OF LADOF	tter, s		- 1		d. Payloader (1.50 cu.m.), LX80-2C			a. Transit Mixer (5 cu.m.)	Name and Capacity	- 13	Sub-Total for A-2 As Evaluated	Labor	Sub-Total for A-1 As Submitted	b. Uriskilled Laborer			Labor	Designation
					aluated	bmitted							-	m.	pc.	bag	cu.m.	cu.m.	э,	-	- 19.	5	Unit											F	<u> </u>	1	.	þ	1	2	4	No. of Units	,				7.1	4			No. of Person/s
													0,0015	0.0078	0.00015	1.43	0.15	0.0825	0.46	0.12	0.55	0 22	Quantity											0.1	٦]	.	1	1	1	1	No. of Hour/s					Ŀ	. ا	1		No. of Hour/s
													112.50	61.00	2,500.00	310.00	1,924.20	2,124.20	40.00	100.00	35.00	00 82	Unit Cost											215.73	219 75	2,700.00	2 450 00	1,733.00	1,759.50	91.25	1,318.00	Hourly Rate					07.54	58.61	80.95		Hourly Rate
1,000.01	1 220 01	63.81		86.52		108.14		1,081.45			10110	961.29	0.17	0.48	0.38	443.30	288,63	175.25	18.40	12,00	10.15	12 54	Amount (Php.)		120.16		107.33	1	12,896.73			12,039.47	12,000	42.86	21 98	37 63	2 450 00	1,733.00	1,759.50	182.50	5,272,00	Amount (Pnp.)	Colonia			857.26	JT1.00	234.44	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

Portland Cement Concrete Pavement

18,984.00 sq.m.

.. 57.50

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

Unit of Measurement

B.2 B.1 A.2 A.1 F.1 F.2 Total (A.1+B.1) - As Submitted

Total (A.2+B.2) - As Evaluated

Output per Hour - As Submitted

Output per Hour - As Submitted

Direct Unit Cost (C.1 ÷ D.1) - As Submitted

Direct Unit Cost (C.2 ÷ D.2) - As Evaluated b. Concrete Vibrator
c. Concrete Batching Plant (30 cu.m.)
d. Payloader (1.50 cu.m.), LX80-2C
e. Concrete Screeder (5.5 hp)
f. Water Truck/Pump (16000 L)
g. Concrete Saw (7.5 hp), 14" Blade dia.
h. Bar Cutter, Single Phase
Mnor Tools 5% of Labor a. Foreman
b. Skilled Laborer
b. Unskilled Laborer Sub-Total for F-1 Materials Contractor's Profit - As Submitted Contractor's Profit - As Evaluated Value Added Tax - As Submitted 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 Submitted

Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated Sub-Total for B-2 As Evaluated Equipment Equipment Sub-Total for A-2 As Evaluated Contractor's Profit - As Evaluated Value Added Tax - As Submitted Value Added Tax - As Evaluated Materials Sub-Total for B-1 As Submitted Total Unit Cost - As Evaluated ub-Total for A-1 As Submitted Cement Concrete Sa Pipe Sleeve, Asphalt Sealant Steel Forms (Rental) Sand Gravel Curing Compound Transit Mixer (5 cu.m.) Grease/Tai Reinforcing Steel Bar Name and Specification As Submitted As Submitted Name and Capacity Designation Blade 14" dia.) No. No. of Person/s bag pc. cu.m. of Units Unit 12 3 3 6 No. No. of Hour/s 0.00015 Quantity 0.50 0.29 0.17 0.46 0.154 0.28 2.66 of Hour/s Hourly Rate Hourly Rate Unit Cost 1,318.00 91.25 1,759.50 1,733.00 545.00 2,450.00 32,63 219,75 2,124.20 1,924.20 310.00 ,500.00 38.00 35.00 100.00 112,50 45.16 80.95 58.61 61.00 40.00 Amount (Php.) Amount (Php.) Amount (Php.) 5,272.00 182.50 1,759.50 1,733.00 545.00 12,896.73 12,039.47 2,450.00 32.63 1,756.78 2,454.55 234.44 541.88 18.40 327.13 538.78 824.60 0.38 857.26 ,981.07 224.29 116.88 198.11 158.49 57.50 80.95 42.86 19.00 10.15 17.00 21.98 0.88 0.48

Prepared

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

404(1)a Reinforcing Steel, Grade 40 6,553.00 kg. 180.00

..

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

2 2	3.2	_			200			_	_	F.2				į	TI _			E.2	E.1	D.2		C.2	C.1		B.2	ם ם				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	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	(with 5% wastage)	b. Reinforcing Steel Bar	a. Tie Wire (2% of RSB)	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			Equipment a. Bar Cutter	Name and Capacity	Sub-Total for A-2 As Evaluated			Labor	Sub-Total for A-1 As Submitted			a. Foreman	Labor	Designation
					uated	mitted								kg.	kg.		Unit												1	- ·	•	No. of Units						8	2	1		No. of Person/s
														1.05	0.02		Quantity												0.15	0.5	0.5	No. of Hour/s						1	1	1		No. of Hour/s
														38.00	100.00		Unit Cost												1,212,00	351 50	210 75	Hourly Rate						45.16	58.61	80.95		Hourly Rate
59,11	ı	2.81	1	3.82		4.77	1	47.70				42.00		39.90	2,10		Amount (Php.)		5.70		180.00	4	1,026.84					467.43	181.80	175 75	100 88	Amount (Php.)					559.42	361.25	117 22	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Prepared by

FORM-POW-2015-01D-00

Item No./Description

404(1)b Reinforcing Steel, Grade 60 kg. 180.00

..

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

25	2.2) 	714	5	1	H.2	H.1	G.2	G.1		F.2			 _	7.	7								0.1		8.2					B.1				A.2					A.1			
Total Unit Cost - As Submitted Total Unit Cost - As Evaluated	Value Audeu Tax - As Evaluated	Value Added Tax - As Subjusted	Value Added Tay - As Suhmitted	Contractor's Drofit - 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	(with 5% wastage)		a. Tie Wire (2% of RSB)	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	cargo maak (2	- 1	h Bar Bender	Equipment a Rar Cutter	Name and Capaciby	Sub-Total for A-2 As Evaluated		Labor	Sub-Total for A-1 As Submitted	b. Oriskiled Laborer			a Foreman	-	Designation
						luated	omitted								kg.	kg.		Unit											,	<u>.</u>	<u> </u>	-	No. of Units					0	0 1	2 ,	-		No. of Person/s
															1.05	0.02		Quantity											C.A.C	0.15	0.5	0.5	No. of Hour/s					1	.	٠,	-		No. of Hour/s
															40.00	100.00		Unit Cost											4)=4=100	1.212.00	351.50	219.75	Hourly Rate					101.64	70,01	58.61	80.95		Hourly Rate
	75.73	: 1	2.94		3.98	ŧ	4.98	1	49.80				44.10		42.00	2.10		Amount (Php.)		5.70		180.00		1,026.84				467.43	10100	181.80	175.75	109.88	Amount (Php.)				559,42	201.23	22:/11	117 22	80.95		Amount (Php.)

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Prepared by

FORM-POW-2015-01D-00

Item No./Description

405(1)a3
Structural Concrete, Class "A"
165.00 cu.m.
1.40

*** ** ***

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

				lotal Unit Cost - As Evaluated
				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
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted
				Direct Unit Cost (E.2+E.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
-	1,924.20	1.00	cu.m.	t. Gravel
	2,124.20	0.50	cu.m.	1
	310.00	9.50	bag	1
	65.00	0.70	kg.	
	1,100.00	1.60	pc.	b. Marine Plywood (1/2" x 4' x 8') - 4 uses
	37.00	70.00	bd.ft.	
				Materials
Amount (Php.)	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
				Total (A.2+B.2) - As Evaluated
				Sub-Total for B-2 As Evaluated
				Equipment
				Sub-Total for B-1 As Submitted
				Minor Tools 5% of Labor
	1,212.00	0.1	ļ.	ruck/
	351.50	1	щ	
	219.75	1	1	a. One Bagger Mixer
				Equipment
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity
				Sub-Total for A-2 As Evaluated
				Labor
				Sub-Total for A-1 As Submitted
	7.10	-	c	D. CIDINICA EMPLIA
	TO:00	* -	0 4	a. Unica taporar
	50 61		Δ	a Skilled Laborer
	45.16	1	ca	c. Onskilled Laborer
	58.61	1	4 0	
	80.95	1	1	1
Amic	Hourly Kate	No. of Flour/S	NO. OF PEISON'S	
Amount (Php.)	Hourly Rate	No of Hourls	No of Person/s	Designation

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated ... 500(1)b3

Pipe Culverts

46.00 In.m.

1.00

アン		J.2 Va		I.2 Co			H.1 Ov		G.1 Dir	Su		ا د	=	N N	2	<u>a</u>	c.	F.1 b.	به	Ma.					D,1 Ou		C.1 To	Su	Ţ	B ₃	Eq	Su	П	∡	B.1	, E		Su	A.2	<u></u>	. Su	2	c.	b.		اها	
Total Unit Cost - As Evaluated	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			ridicilidio	Sub-Total for F-1 AS Submitted	The Court A Co. Courts of		RC Pipes (910 mm. dia.)	504	Cement	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		Minor Tools 10% of Labor	b. Plate Compactor (5 hp)	-	Name and Capacity	Sub-Total for A-2 As Evaluated		Labor	Sub-lotal for A-1 As Submitted			Skilled Laborer	Foreman	Labor	Designation
						luated	mitted			*						cu.m.	рс.	cu.m.	bag		Unit													,	4 -	•	No. of Units						4	2	ı		No. of Person/s
		The second secon														0.13	1.00	0.06	1.08		Quantity													i,	0.29	0 20	No. of Hour/s						0.57	0.57	0.57		No. of Hour/s
																2,124.20	1,665.00	2,124.20	310.00		Unit Cost													110100	123.00	1 537 00	Hourly Rate						45.16	58,61	80.95		Hourly Rate
1	3,865.90	1	184.09		249.61	ı	312,02	r	3,120.18					2,401.2/		271.90	1,665.00	129.58	334.80		Amount (Php.)		718.90		1,00	1	718.90					502.99		21.59	35.67	44E 70	Amount (Php.)				215.91		102.96	66,81	46.14		Amount (Php.)

Engineer II

Prepared by)

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 505(2)a Grouted Riprap, Class "A" 25.00 cu.m. 1.25

,,
0.15 1,524.20
Quantity Unit Cost
2,450.00
No. of Hour/s Hourly Rate
45.16
58,61
80.95
No. of Hour/s Hourly Rate

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

Roa

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated . . . 506(1) Stone Masonry 46.00 cu.m. 1.60

				- 1	
				Total Unit Cost - As Evaluated	2
6.763.26				Total Hoit Cost - As Evaluated	7.7
322,05				Value Added Tax - As Submitted	1 1
33.06				Contractor's Profit - As Evaluated	1.2
436.69				\perp	1.1
1			aluated		Н.2
545.86			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
י- י					0.1
F 458 64				Sub-Total for F-2 As Evaluated	2
					F.2
				Materials	
4,832,36				Sub-Total for F-1 As Submitted	
47.85				Miscellaneous 1% of Material Cost	
1,915.41	1,824.20	1.05	cu.m.	f. Boulder	
48.00	7,700.00	05.02	SO III	d. Weep Holes (PVC)	
304.04	1,924.20	0.20	cu.m.		Ξ
284.84	2,124.20	0.30	cu.m.		
1,705.00	310,00	5.50	bag	1.	
		1		100	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
626,29				\vdash	E.1
					D.2
1.60				Output per Hour - As Submitted	D.1
+1000-100				Total (A 2+B 2) - As Evaluated	SE
1 002 06				Total for B-2 As Evaluated	2
				7	
					0.0
					D J
				Fauinment	
442.64				Sub-Total for B-1 As Submitted	
55.94				Minor Tools 10% of Labor	
92.20	922,00	0.1	1		
122.50	2,450.00	0.05	1	b. Water Truck/Pump (16000 L)	B.1
172.00	172.00	-	-	2	
				Foreignment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
559,42				Sub-Total for A-1 As Submitted	
361.25	45.16	P	00 1	c. Unskilled Laborer	
117.22	58.61	1	2	h. Skilled Laborer	A.1
80 95	80 95	-	-	Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

612(1)
Reflectorized Thermoplastic Pavement Markings (White)
1,046.00 sq.m.
25.00

. . .

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

1 2				Total Unit Cost - As Evaluated	K.2
917.15				Total I Init Cost - As Evaluated	Z . Z
43.67				Value Added Tax - As Submitted	1 1 1
				Contractor's Profit - AS Evaluated	1.2
59.22				Contractor's Profit - As Submitted	
100			Juated	_	H.2
/4.02			Submitted	Overhead, Contingencies & Miscellaneous (OCM) - As	I
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
740.23				_	G.1
				Sub-Total for F-2 As Evaluated	
					۲.۷
					1
				Materials	
6//,02				Sub-Total for F-1 As Submitted	
32.24				Miscellaneous 5% of Material Cost	
12.50	100.00	0.13	kg.	f. Calsumine	
1,66	828.00	0.00	cyl.		
13.80	3,450.00	0.00	છ્યું.	٩	7
19.20	160.00	0.12	_	0	!
82.50	2,500.00	0.03	baq		
515.13	1.585.00	0.33	bag	a. Thermonlastic Paint (White)	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
63.21				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	_
1000				Output per Hour - As Evaluated	2 5
25.00				Output per Hour - As Submitted	
1,580.27				Total (A.1+B.1) - As Submitted	_
				Sub-Total for B-2 As Evaluated	_
					В.2
		-			
				Equipment	
1,111.16				Sub-Total for B-1 As Submitted	
46.91	101.00			Minor Tools 10% of Labor	
187 50	187 50	4		7.0	D.L
783.00	783.00	. 1-	. .	به ا	
				Equipment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					7.
					> J
				Labor	
469.11				Sub-Total for A-1 As Submitted	
270.94	45.16	1	6	c. Unskilled Laborer	
117.22	58.61	1	2	Þ.	7.
80.95	80.95	1	1	a	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by:

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

612(2)
Reflectorized Thermoplastic Pavement Markings (Yellow)
25.00 sq.m.
25.00

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

				I om clin cope Da Panimarca	7.7
1,010.39					5 5
				L	J.2
48.11				Value Added Tax - As Submitted	J.1
				_	1.2
65.24					I.1
Ĭ			luated		H.2
81.55			omitted		H.1
1					G.2
815.49					G.1
				Sub-Total for F-2 As Evaluated	
				2 Equipment	F.2
07.76/				Sub-lotal for 1-1 As Submitted	
757 78				O.b Tatal Gar F 1 As O. howithout	
35.82				Miscellaneous 5% of Material Cost	
12.50	100,00	0.13	kg.	f. Calsumine	
1.66	828.00	0.00	cyl.	e. LPG (12 kg.)	
13.80	3,450.00	0.00	cyl.		;
21.00	175.00	0.12	L	.2	<u> </u>
82.50	2,500.00	0.03	bag		
585.00	1,800.00	0.33	bag	a. Thermoplastic Paint (Yellow)	
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				_	E.2
63.21					E.1
					D.2
25,00					D.1
				_	C.2
1,580.27					C.1
				Sub-Total for B-2 As Evaluated	,
				Equipment	B S
1,111.16				Sub-Total for B-1 As Submitted	
46.91				Minor Tools 10% of Labor	
187.50	187.50	1	1	Ü.	
93.75	93.75	1	ь	ь.	B.1
783.00	783.00	1	ь	a, Cargo Truck (2 - 5 mt.)	
				Faulpment	
Amount (Php.)	Hourly Rate	No. of Hour/s	No, of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
				2	A.2
				lahor	
469.11				Sub-Total for A-1 As Submitted	
270.94	45.16	1	6	b. Unskilled Laborer	
117.22	58.61	1	2	b.	
80.95	80.95	1	1	a	Δ 1
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

Prepared by

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

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

.. 622(1)a Coco-net 1,086.00 sq.m. 50.00

				Total Unit Cost - As Evaluated	K.2
				Total Unit Cost - As Submitted	<u></u>
Г				Value Added Tax - As Evaluated	J.2
				Value Added Tax - As Submitted	J,1
Г				Contractor's Profit - As Evaluated	1.2
				Contractor's Profit - As Submitted	I.1
Г			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
П			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G,2
				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Macials	
				Sub-Total for F-1 As Submitted	Π
				with 5% wastage	
1 1	110.00	1.05	sq.m.	a. Erosion Control Net CGN400	E
				Materials	
	Unit Cost	Quantity	Unit	Name and Specification	
ł I				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	
- 1				Output per Hour - As Evaluated	7 7
				Output per Hour - As Submitted	2 (
				Total (A.1+B.1) - As Submitted	C.1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
1 1				Sub-Total for B-1 As Submitted	
				הווויסו ויסטים דס /מ מו רמיטמו	
- 1	4 100,00	03:0	ŀ	200	į
	2 450 00	0.25	•	1⊆	D D
	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
1 1				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
				Sub-Total for A-1 As Submitted	
	45.16	1	8	b. Unskilled Laborer	A.L
	80.95	1	1	a. Foreman	>
				Labor	
	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	
1			The second secon		

Prepared by:

ELWICK P. ACUÑA Engineer II

Checked/Reviewed

Roa

FORM-POW-2015-01D-00

Item No./Description

622(1)b Coco-net 5,883.00 sq.m. 50.00

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

				LOWI CITIE CASE LA EAGINATION	12:15
				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	1_
				Value Added Tax - As Submitted	
				Contractor's Profit - As Evaluated	1.2
				Contractor's Profit - As Submitted	
			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
			mitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
				Direct Unit Cost (E.1+F.1) - As Submitted	
				Sub-Total for F-2 As Evaluated	
					F.2
				Flavelinia	
				Sub-Total for F-1 As Submitted	
				with 5% wastage	
	150,00	1.05	sq.m.	a. Erosion Control Net CGN700	F.1
				Materials	
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	
				Output per Hour - As Evaluated	
				Output per Hour - As Submitted	
				Total (A.2+B.2) - As Evaluated	C2
1,098.92				Total (A.1+B.1) - As Submitted	
				Sub-Total for B-2 As Evaluated	8.2
				Equipment	
656.72				Sub-Total for B-1 As Submitted	
				בווואן נאמים דאיים או בשאמו	
44 22	- l 100100	Citto	,	Tools	
	2.450.00	0.25	-	Equipment Nater Truck/Burns	P
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
442,20				Sub-Total for A-1 As Submitted	
361.25	45.16	н	8	b. Unskilled Laborer	į
	80.95	1	1	a, Foreman	
				Labor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	*
			84		

ELWICK P. ACUÑA Engineer II

Prepared by:

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FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 622(2)b Coco-logs/Fascine 1,160.00 ln.m. 15.00

1				Total Unit Cost - As Evaluated	K.2
573.57				Total Unit Cost - As Submitted	K.1
				Value Added Tax - As Evaluated	J.2
27.31				Value Added Tax - As Submitted	J.1
1				Contractor's Profit - As Evaluated	1.2
37.03				Contractor's Profit - As Submitted	I.1
,			luated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
46.29			omitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
462.93				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					7.7
					Π J
				Materials	744.0
430,50				Sub-Total for F-1 As Submitted	
430.50	410.00	1.05	m.	a. Coco Fiber Roll (CGR 200)	F.1
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
32,43				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
15,00				Output per Hour - As Submitted	D.1
1				Total (A.2+B.2) - As Evaluated	C.2
486.42				Total (A.1+B.1) - As Submitted	1.3
				Sub-Total for B-2 As Evaluated	B
				Edulation	В
				Fallinment	
44.22				Sub-Total for B-1 As Submitted	
44.22				Minor Tools 10% of Labor	B.1
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Units	Name and Capacity	
				Sub-Total for A-2 As Evaluated	
					A.2
				Labor	
442.20				Sub-Total for A-1 As Submitted	
361.25	45.16	1	8	b. Unskilled Laborer	A.1
80.95	80.95	1	1	a. Foreman	n: 17.
				Tabor	
Amount (Php.)	Hourly Rate	No. of Hour/s	No. of Person/s	Designation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

FORM-POW-2015-01D-00

Item No./Description

Unit of Measurement
Output per hour-As Submitted
Output per hour-As Evaluated 622(3)b Vegetation 6,970.00 sq.m. 35.00

				>	
-				Total Unit Cost - As Evaluated	Z.
150.00				Total Unit Cost - As Submitted	
				Value Added Tax - As Evaluated	J.2
7.14				Value Added Tax - As Submitted	J.1
,				Contractor's Profit - As Evaluated	1.2
9.69				Contractor's Profit - As Submitted	I.1
1			aluated	Overhead, Contingencies & Miscellaneous (OCM) - As Evaluated	H.2
12.11			bmitted	Overhead, Contingencies & Miscellaneous (OCM) - As Submitted	H.1
				Direct Unit Cost (E.2+F.2) - As Evaluated	G.2
121.07				Direct Unit Cost (E.1+F.1) - As Submitted	G.1
				Sub-Total for F-2 As Evaluated	
					F.2
				Materials	
107.10				Sub-Total for F-1 As Submitted	
107.10	102.00	1,05	sq.m.	a. Vertiver Grass System	F.1
				Materials	
Amount (Php.)	Unit Cost	Quantity	Unit	Name and Specification	
				Direct Unit Cost (C.2 ÷ D.2) - As Evaluated	E.2
13.97				Direct Unit Cost (C.1 ÷ D.1) - As Submitted	E.1
				Output per Hour - As Evaluated	D.2
35,00				Output per Hour - As Submitted	D.1
t				Total (A.2+B.2) - As Evaluated	C.2
488.92				Total (A.1+B.1) - As Submitted	0.1
				Sub-Total for B-2 As Evaluated	
					B.2
				Equipment	
46.72				Sub-Total for B-1 As Submitted	
					W
44.22				2	
2,50	10.00	0.25	1	a. Water Truck/Pump	B.1
				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	
442.20				Sub-Total for A-1 As Submitted	
361.25	45,16	1	8	b. Unskilled Laborer	}
80.95	80.95	1	ı		A.1
				Labor	
Allbulle (Filb.)	riouriy Kate	No. of noul/s	No. 01 Person/s	Design adon	
Amount (Dhn)	Hourly Data	No of Hours	No of Darcon/c	Decionation	

ELWICK P. ACUÑA Engineer II

Prepared by

Checked/Reviewed

DELIVERY COST: 55.802.27 - Bags, Porlland Cemen!	Portland C	ement	<u>®</u> Р	7.80	/bag Sub - Total	li P	۳	435,257.71 435,257.71
LABOR: 1 - Foreman			611.92 /day	/day	x 21,35 days	11		13,065.79
10 - Laborers, unloading	Inloading	@ P	342.24 /day	/day	x 21.35 days Sub - Total	P	۳	73,075.49 86,141.28
MATERIALS: 55,802.27 - Bags, Portland Cement	Portland C	ement	@ "P	300.00	/bag	II P		1 <i>6,74</i> 0,681.00
(Pick-L	(Pick-Up Price)				Sub - Total		7	16,740,681.00
Estimated Quantity		55,802.27 Bags						
Unit Cost	P	309.34 / Bag,	say P	-0	310.00 / Bag			
Grand Total	P 17	17,262,079.99						
Delivery Cost	7	435,257.71						
Labor	Ρ	86,141.28						

Materials

ס

16,740,681.00

UNIT COST ANALYSIS FOR HAULING COST FOR PORTLAND CEMENT

TOTAL QUANTITY REQUIREMENTS FOR PORTLAND CEMENT

55,802.27	TOTAL
253.00	Stone Masonry
75.00	Grouted Riprap, Class "A"
49.68	Pipe Culverts
1,567.50	Structural Concrete, Class "A"
50,497.44	Portland Cement Concrete Pavement
3,224.65	Portland Cement Concrete Pavement
135.00	Construction of Field Office for the Engineer
QUANTITY (Bags)	DESCRIPTION

Quantity = 55,802.27 Bags

Delivery Charge = P 0.120 /bag/km.

63.60	Batching plant
2500	Zamboanga City DEO
HAULING DISTANCE	SITE

*Average hauling distance from Source to assumed Stockpiling area : say 65.00 km.

Delivery Charge = P 11 0.120 **7.80** / bag 65.00

*Delivery Truck 55,802.27 bags., (hauling works) 20,000.00 kgs., (capacity per haul)

500.00 bags, (capacity per haul)

*Capacity of Laborers unloading bags of Cement from Delivery Truck:
Assume (10) laborers can unload 500.00 bags of Cement.
*Dumptruck (10 Wheeler) days computation: *IIME-MOTION ANALYSIS

Speed when loaded : 30.00 kph

Speed when unloaded 40.00 8

Unloaded running Loaded running 65.00 × 65,00 60 97.50 mins.

130.00 mins.

Loading and Unloading allowance for delay/traffic 40.00 45.00 3.00 8.00 mins. mins.

per day Capacity of Dumptruck Dumptruck daily output Using (3) Dumptrucks No. of trips for Dumptruck Total Cycle time H 8 ω 500 8.0 275.50 500.00 275.50 x 1./4 x 871.14 60.00 1.74 cu.m. bags mins. 1.74 say 871.14 2,613.43

Ņ 1. No. of days for Delivery Truck unloading No. of days for Labor, for 11 complimentary to D. Truck days 55,802.27 2,613.43 11 21.35 śay 11 21.35 21.35 days days

cu.m. cu.m.

1.74

휷

UNIT COST ANALYSIS FOR HAULING COST FOR ALL AGGREGATES

Hauling Cost from the Quarry to Batching plant

Ifem No. Quantity **ALL AGGREGATES** 1,000.00 Terrain Flat to Rolling

Hauling Distance Unit cu.m.

Effective Working Hours 5.00 8.00 hrs. ŔŊ.

Hauling: Using

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

Maximum Volume to be Carried per DT Unit weight of Coarse Aggregates Unit weight of Fine Aggregates 1,534.00 1,640.00 11.57 kg/m3 kg/m3 cu.m.

*Dumptruck (10 Wheeler) days computation : TIME-MOTION ANALYSIS
Speed when loaded : 30.00 kph
Speed when unloaded : 40.00 kph Ş

Loaded running 5.00 30.00 × 11 09 10.00 mins.

Unloaded running 5,00 40.00 8 h 7.50 mins.

Loading and Unloading allowance for delay/traffic 3.00 5.00 mins. mins.

Capacity of Dumptruck 25.50 10.00 cu.m.

per day No. of trips for Dumptruck Total Cycle time Dumptruck daily output Ш 0 œ x 60 25.50 60.00 18.82 mins. П 18,82 say 18.82

trips

Using (5) Dumptrucks 11 11 S x 18.82 x 188.24 11 11 188.24 cu.m. 941.18 cu.m.

No. of days for Dumptrucks 1,000.00 941.18 II 1.06 say 1.06 days

EQUIPMENT USED: (2009 ACEL RATES)

٥ı Unit Dumptruck @ P 11,360.00 /day × Sub - Total 1.06 days П 70 ~ 60,350.00 60,350.00

Equipment **Grand Total** Unif Cost Estimated Quantity **ס** הההה 60,350.00 60,350.00 1,000.00 12.07 /cu. m./km. cu.m, (Unit Cost, Hauling per cu.m.per km.)

Materials

	Hauling Distance		Unif Cost per cu.m./km.		Hauling Cost per cu.m.		Unit Pirce		Unit Cost per cu.m.
Cost of Fine Aggregates:	60.00	×	12.07	II	724.20	+	1,400.00	13	2,124.20
Cost of Coarse Aggregates:	60.00	×	12.07	11	724.20	+	1,200.00	n	1,924.20
Cost of Item 200 Materials:	60.00	×	12.07	П	724.20	+	680,00	II	1,404.20
Cost of Item 201 Materials:	60,00	×	12.07	Ш	724.20	+	680,00	11	1,404.20
Cost of Item 300 Materials:	60.00	×	12.07	11	724.20	+	698.00	JI	1,422.20
Cost of Boulders:	60.00	×	12,07	n	724.20	+	1,100.00	11	1,824.20
Cost of Embankment, Common Borrow:	5.00	×	12.07	11	60.35	+	328.00	11	388.35